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OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV **JANUARY 1, 1911** **Number 1**

1911			January			1911
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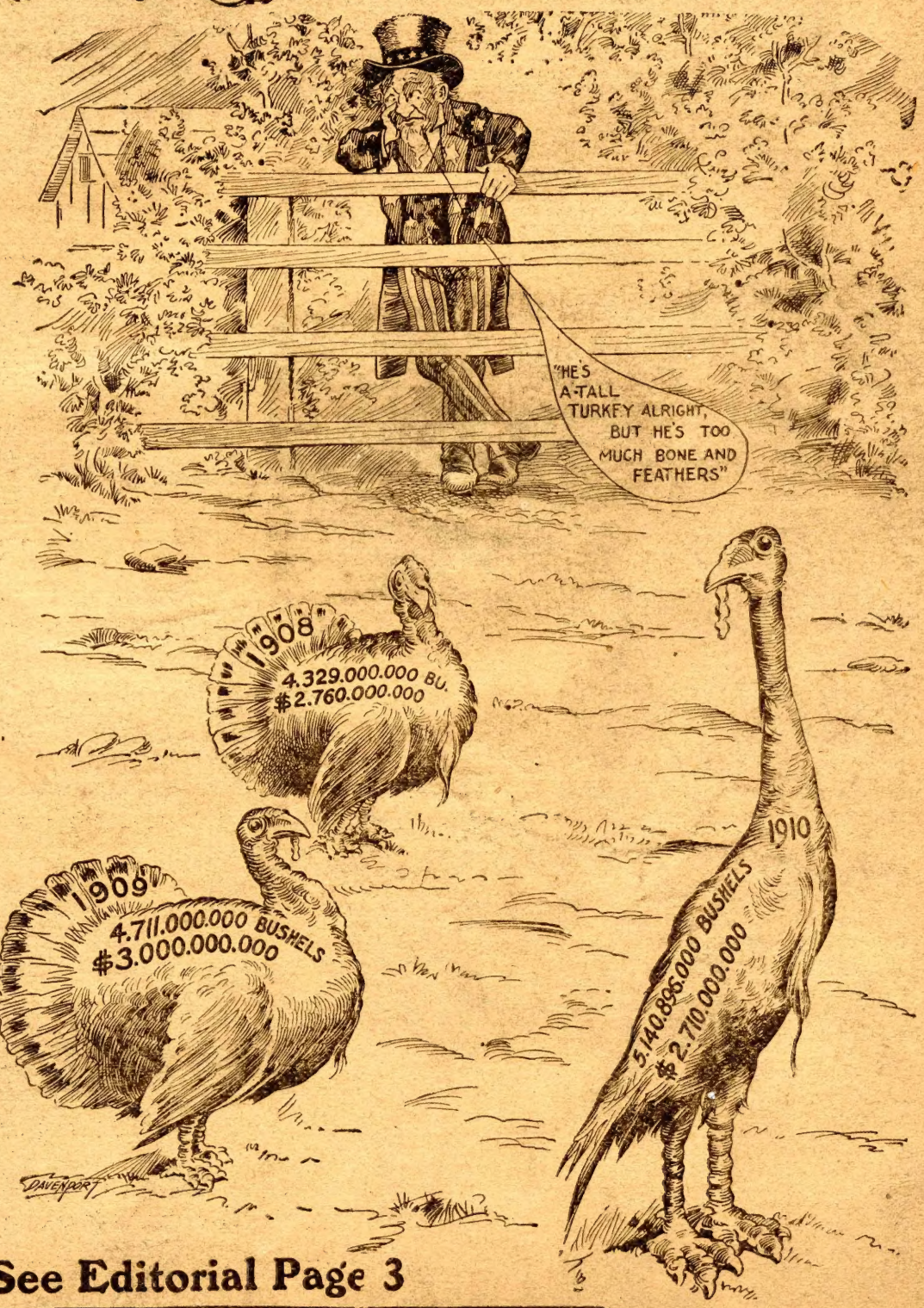
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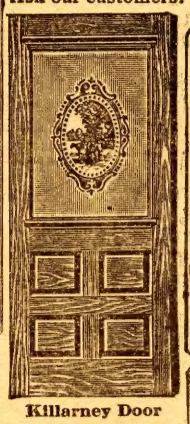
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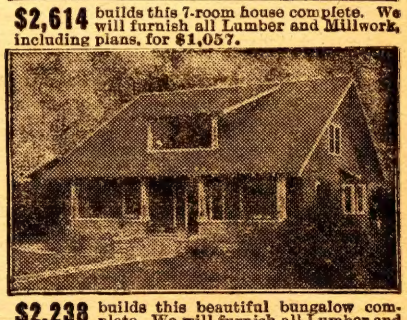
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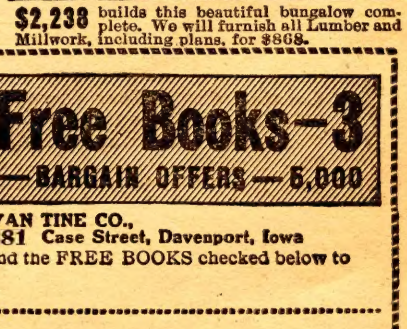
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The Only Farm Paper That Teaches Practical Cooperation For Farmers.

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EDITORIAL

1911

The Greatest Need of Farmers

THE Rural Life Commission has discovered and reported to the President that the greatest need of farmers is cooperation. We made that discovery years before there was any Rural Life Commission, but that does not make it any less a fact today, and we are glad that it has at last been discovered and reported officially. A few have felt it, and known it, and taught it for many years. Every honest efforts for the organization of farmers was based on that knowledge. When a few progressive spirits in Washington conceived the idea of the Patrons of Husbandry, and formulated the plan for the organization of the Grange, the feeling at the bottom of it all was that the farmers ought to co-operate. When some brilliant and patriotic people of the South, and some equally brilliant and patriotic people of the North created the two Farmers Alliances, two organizations at the same time and with the same name, but entirely destinct and different in form, and at about the same time and located between them, another great farm organization, the Farmers Mutual Benefit Association, (F. M. B. A.)—all were prompted by the same patriotic and benevolent impulse, a desire to bring to the farmers the thing they needed most, co-operation.

And when, some years later the **Society of Equity**, on a different basis and a simpler plan, came to the farmers, it was for the same purpose—to enable the farmers to cooperate.

We rejoice yet at the brilliant success of this last attempt to organize the farmers and secure cooperation. The organization was upon a different plan. The most prominent feature of cooperation was in selling rather than in buying, in controlling the price and marketing of farm crops, in directing and controlling the farmers' own business, rather than in interfering with and trying to dictate the management of the business of other people. That organization took the broad ground that if the farmers could manage and control the business of farming they could safely leave other business to the control of those engaged in it. And then it held the farmers to principles of Equity, to the Golden Rule in business—to do unto others as they would be done by.

Is it any wonder the Society soon became great? It had in it every element of greatness. It appealed to the very ones that needed the application of its principles most, and it offered them relief at the very point where relief was most needed—solved the one problem, **the problem of price and selling**, that brought with it a solution for all the other problems of farm life.

The smooth and successful working of that Society was undisturbed until it had been in operation long enough to prove its efficiency. Then other interests invaded it, other purposes were forced upon it, impractical schemes were lugged in, and opposing forces became a ruling factor in its management.

But as it was in an ancient crisis in the world's history, there were many who "never bowed the knee to Baal," and who absolutely refused to accept the new conditions and purposes that were forced upon the Society. They were the originators of the movement, and they adhered to the original purpose of securing the cooperation of farmers in the matter more essential to success than all others, the price making and selling side of farming, and they retained those principles in the Farmers Society of Equity. The society that forsook the straight road and turned aside into other paths, has met the fate of those who wander away and forsake any sincere and honest purpose; it is now only a matter of brief history and regretful memory. Its failure confesses the error its assumed leaders made.

But the Farmers Society of Equity is true and faithful, has never swerved a jot or tittle from the original purpose, and for all these years, through this faithful paper, has done a work of education that must bring what the Rural Life Commission declares the farmers most need—co-operation. **It has done more than that; it has already provided a system of marketing that brings co-operation to the farmers' doors, and presents an easy solution of our worst problems.**

On this first day of the New Year, we appeal to farmers to look within as well as without, **to consider their calling as a business**, not as a mere means of laborious production, to know there is a **selling** side to farming as well as a **producing** and **buying** side, and that to secure justice and equity **there must be cooperation**, and **that cooperation can be effectively accomplished only through organization.**

To make organization easy and effective there must be **education.** To educate the people **they must be reached with the true doctrine**—the simple truth. And since success on the farm and the enjoyment of what farm life ought to be, depends upon the solution of these problems, **are we not justified in appealing to our friends, as we do in this issue to aid us at this time in getting Up-to-Date Farming as nearly as possible into every farm home,** not so much for the aid it may be to us in the great work, as for the hastening, through education, of the accomplishment of so desirable a purpose—TRUE CO-OPERATION OF FARMERS IN 1911.

Greatest Crop Ever Grown

Proof That Price Not Quantity Determines The Value

ACCORDING to the report of Secretary of Agriculture Wilson, recently submitted to the President and Congress, the crop of 1910 was the largest farm crop ever produced in this country. The estimated value put upon the crop by the Secretary of Agriculture is $8,926,000,000. This is very nearly a fabulous sum, an enormous creation of wealth; for it must be borne in mind that every dollar in value of a farm product is a new creation of wealth. Of the wealth that already existed only the seed is given up; all else is new, a wealth that never existed in available form before. This eight billions beats the mines over and over again; and the manufacturers and every other industry. It is as many dollars as there are seconds in 250 years!

But the Secretary's figures in detail proves an important fact that has often been proven before, but that the farmers themselves, and particularly their teachers, persistently ignore, and that is, that the value of farm products depends upon the demand and the price, and not upon the quantity produced. The above figures for 1910 are $305,000,000 greater than were the figures for 1909, but, strange to say, this increased value comes from crops of decreased production. Take Mr. Wilson's own figures and reasoning.

The corn crop of 1910 was 3,121,281,000 bushels, a larger crop than was ever before produced in this country, and 14 per cent. greater than the average record crop of the preceding five years. "But the value of this crop," says Mr. Wilson, "is below that of 1909 and also of 1908." A much larger crop, but not worth so much as either of the crops of the two preceding years.

The oat crop of 1910 was 1,096,396,000, or about 90 million bushels more than the great crop of 1909, and 22 per cent. greater than the average of the five previous years. But the value of this great oat crop, $380,000,000, is less than the value of the smaller crop of 1909.

The potato crop of 1910 was 328,787,000 bushels, which is 8 per cent. greater than the average crop of the preceding five years, and, with a single exception, the greatest crop ever produced in the country, but its value is only one per cent. greater than the 8 per cent. smaller crops of the preceding 5 years.

The prospect of the sugar crop, both cane and beet, is about 859,000 short tons, which is greater than any preceding crop, with a single exception, but its value is $4,000,000 less than that of the crop of 1909.

The rice crop of 1910 was a billion pounds of rough rice. This is a crop 25 per cent. greater than the average of the preceding five years; but its value is two per cent. below the five year average—quantity 25 per cent. greater, value 2 per cent. less.

We now turn to crops of diminished production but of increased value.

The cotton crop of 1910, including lint and seed, is put at a value of $900,000,000, which is $129,000,000 more than the crop of 1909 was worth; but "it is evident," says Mr. Wilson, "that the cotton production of this year will be considerably short of being a record breaker." Less yield; greater value.

The value of the hay crop of 1910 is about $720,000,000, an amount which has been exceeded but once. "Indeed, the value of the crop of this year," declares the Secretary, "is much above that of the high crop values of other preceding years, **illustrating the principle that a somewhat deficient crop is usually worth more in the aggregate than an abundant one.** The value of this crop is 13 per cent. above the average value of the crops of the preceding five years, but the quantity produced was five per cent. below the same average, and "has been exceeded a dozen times," says Mr. Wilson.

The total wheat production of 1910 was 691,767,000 bushels, which is substantially the average production of the preceding five years, but its 1910 value is $625,000,000, or nearly 8 per cent. more than the five year average but considerably less than that of 1909.

The tobacco crop of 1910 was 967,150,000 pounds, which is 26 per cent. above the average production of the preceding five years; but the prices of tobacco have not been well maintained, and the large crop of 1910 will be worth no more than was the crop of 1909, though the crops of these two years were worth fully $20,000,000 more than any preceding crop. The organized tobacco growers ought to know why, and their failure to control the crop and market of 1910 ought to teach them why the crop of 1910 shrinked in value though it increased in quantity.

Mr. Wilson summarizes thus: The value of the farm products of 1910 shows both gains and losses in comparison with 1909. A gain of $130,000,000 is made for cotton lint and seed (smaller crop); a gain of $30,000,000 for hay (much smaller crop); a gain of $3,000,000 for barley (smaller crop). A loss was suffered in wheat of $104,000,000, (a somewhat larger crop); a loss in corn of $98,000,000 (a much larger crop); a loss in oats of $26,000,000 (a larger crop); a loss in potatoes of $23,000,000 (a much larger crop).

We scarcely need call the readers attention to the importance of the facts here disclosed. The constant urging of increased production, without the ability to control the crops produced, is not good business; it is no better for farming than it is for manufacturing. The demand for agricultural products must be supplied, but production must be directed by an intelligence which shall know the demand, and know when there is enough to meet it. And there is a still greater need for an intelligent direction of the marketing so that the supply will find the demand and satisfy it without accumulation in greed-controlled centers where a greed tax may be levied on the products even greater than the charges of the producers.

Of course, this involves co-operation, and farmers must co-operate, or they must continue in the hit or miss business of the past, knowing that the more they produce, in the aggregate, the less they will get for it.

1/27/100 J.E.B. 18.1929.

Farmers Prosperous In Indiana

THE census figures reveal some interesting conditions. For instance, the total value of farm lands and buildings in Indiana April 15, 1910, was found to be $1,590,225,000. The census of 1900 showed this value was then $841,735,000, the gain in value during the past ten years being $748,490,000, or 89 per cent. The farm land exclusive of buildings was valued in 1910 at $1,325,475,000; in 1900 it was $687,633,000. This shows a gain in value during the ten years of 93 per cent. In 1910 the farm land constituted 83 per cent. of the total value of land and buildings. In 1900 the land alone constituted 81 per cent. of the total value. This shows that the land is increasing in value more rapidly than the buildings.

The value of farm implements in Indiana in 1910 was $40,880,000; in 1900 it was only $27,330,000, a gain of $13,550,000, or 50 per cent. The acreage of improved farm land in 1910 was 16,903,000 acres; in 1900 it was 16,680,000 acres, an increase of 223,000 acres.

The average value per acre of farm land and buildings in 1910 was $75; in 1900 it was only $39, a rise of $36 per acre or 92 per cent. in ten years. The increase in the value of the farm lands exclusive of the buildings was 94 per cent., showing that it is the land that is increasing in value rather than the buildings.

There is no great change in the size of Indiana farms. Farms of 19 acres and under comprise 11 per cent. of all the farms in the State; those of 20 to 59 acres, 19 per cent.; of 50 to 99 acres, 31 per cent.; of 100 to 174 acres, 26 per cent.; of 175 to 499 acres, 12 per cent.; of 500 to 999 acres, four-tenths of one per cent.; of 1000 acres and over, 7 hundredths of one per cent.

The expenditures for farm labor in Indiana for the year preceding April 15, 1910, was $17,903,000, that shown by the census of 1900 was $8,217,000, or a gain of 85 per cent. during the ten years. The expenditure for fertilizers shown by the census of 1910 was $2,181,000, while in 1900 it was $1,554,000, a gain in favor of 1910 of 40 per cent.

This is a very satisfactory showing for agriculture in Indiana, and we presume all the great farming States make a similar showing. Two causes may operate to bring about such a result; in fact, three may be named—increased yields, increased demand, and better prices. Increased yield without increased demand would not do it, and increased yield and demand would be ineffective without steady and remunerative prices. Such prices depend more upon the marketing than upon the production and the demand. The yield may be entirely satisfactory and the demand may be insistent, but if the product cannot reach the demand, or finally reaches it in as round about way as to make the cost consume the profits, the price must be without profits to the producer. Hence the marketing, after all, is the most important element in successful farming; and since an improved system of marketing has been advocated in this State for almost the ten years covered by the above statistics, we take the gains shown by them as an evidence that the more direct, the better system, has to a marked extent, at least, been practiced here; and we accept it also as an assurance that the more it is practiced the greater will be the gain to farmers and farm values.

The Farmer and His Gains

EVERYTHING is not coming the farmer's way, as some seem to believe. Looking at only one side makes things quite roseate for the farmer, but when both sides are considered the farmer stands much as he stood before. A writer in one of our exchanges gives some figures that are decidedly impressive. The price of a good cow five years old was $35 to $40, today it is $55 to $70. A good horse five years ago sold for $125; today such a horse would bring from $175 to $225. Fat hogs five years ago were considered high at $5 per hundred; today such hogs are considered low at $7.50 per hundred. Stock cattle five years ago sold readily at from $3 to $4 per hundred pounds; now they bring just as readily from $6 to $7.50 per hundred. And the list might be increased to show that the farmers' sky is pretty clear.

But the clouds come from another direction. Five years ago wheat bran for feed could be bought for $15 a ton; now it costs $25. Oilmeal could be bought five years ago at $25 a ton; now the farmer must pay $35 a ton for it or do without. Cottonseed meal was $20 a ton five years ago; now it is $40 a ton. Five years ago farm labor was abundant at 75 cents to $1 a day; now it is scarce, almost unobtainable, at $1 to $1.25 a day.

And it is very much the same in the grocery stores, the dry goods stores, the clothing stores, and the shoe stores. Farm implements, too, have stiffened in price, as has everything the farmer must buy, so that when the prices the farmer must pay are compared with the prices he receives, he had just about as much profits five years ago as he has now. The only gains there are for him in present conditions depend upon his being able to sell more than he buys, or in wiser selling. If he could only manage the market so as to get out of his stuff what there is really in it, and what somebody gets who has not earned it, the farmer could then feel that he is on a level with other people, and that his gains may measure up to theirs.

But so much depends upon the marketing that he can neither neglect nor ignore that. He must have a better marketing system, and that we have offered in the EQUITY SYSTEM.

Government Can't Keep Even

THE American people boast of being wise and prudent in business, economic in the management of their personal affairs, and prosperous. All of our books and educational institutions teach us to keep our expenditures well within our incomes, and this teaching is observed by those who are prosperous.

But the government of these same prosperous people does not observe that rule. For years the national expenditures have exceeded the national income. A deficit has been constantly carried from one year to another. A bank whose books made the showing that the books of the treasury department do would go into liquidation, or it would go broke; and a citizen whose business showed like conditions would be a financial failure, and if any great portion of our people did business that way the nation would be bankrupt.

Advance estimates tell us that the government expenditures for the fiscal year reaching into 1912 will be $68,000,000 greater than the government income for the same period. And the condition seems to be getting worse. The estimates for 1912 are $21,000,000 greater than those for 1911, $7,251,520 greater exclusive of former deficiencies.

President Taft talks laboriously about economy, but even the words of the president can't be coined into money. If they could there would be no occasion for a deficit. A prominent Senator, a statesman of national repute, said not long ago, that no less than $300,000,000 a year could be saved by the application of business rules to management of the government. If business principles do not apply, somebody is responsible, and since our government is ruled by party, it is no wonder that the people hold the responsible party responsible. Party leaders ought to take the hint and benefit by the lessons.

MORE APPLES NEEDED ON THE FARMS

WHILE apple production belongs more specifically to our orchard department, we may speak of it here as a matter of interest to farmers in general. One of our horticultural exchanges declares there will always be markets for apples. There never can be an over production of a good article of this fruit, and that it is impossible at the present time to produce the quantity of good apples needed to meet the demand. This is made more positive by the fact that England, Germany, France, Denmark, Australia and the far East are now calling for apples from the orchards of Washington, Idaho, Oregon and British Columbia.

This year there were large crops in the orchards of the northern Pacific slope, but in the western and eastern states, and the states of the central valley, the production was light. The fact is, orchards have been neglected, and in many cases the trees have been allowed to die or become worthless for lack of attention. The annual production in this country is actually falling off. The crop of 1896 was 69,070,000 barrels, or 177,675,000 bushels. Two years later, in spite of the boasted improvements in orchard culture, the total product was 25,000,000 barrels, or 62,500,000 bushels.

We may well appeal to farmers to give their orchards more attention. We admit that there have been disappointments in marketing, and resulting discouragement, because fruit has been shipped to glutted markets and allowed to become worthless there, and to avoid that condition much has been allowed to rot in the orchards; but even at those most discouraging times there have been places not far distant where there were people hungry for the apples that were perishing, and who would readily have taken them at fair prices had they been brought within reach.

The better system of marketing, the Equity System, will correct this evil, and bring the result of the greatest yields to an eager demand, an active market, and prices satisfactory to both producers and consumers.

EGGS IN COLD STORAGE.

EGGS have been notoriously scarce in the retail markets during the entire summer, and it has been impossible to supply the demand. Prices have all the time been so high that the poor, or even those who are regarded as of moderate means, have been unable to use them, thus greatly reducing consumption.

We can see no good reason for putting eggs in cold storage when there is a ready demand for them all at profitable prices. But they do go into cold storage under these conditions. Why they do we must leave for greedy profit takers and hungry consumers to settle among themselves. Certain it is that neither the hens nor their owners are responsible for it, nor for the high prices exacted from consumers.

In proof of what we say, we may give the reader a glimpse into the cold storage houses of St. Louis. It was estimated by the official market reporters that there was in those houses on the first of December 30,343 cases of eggs, which was an increase of 3,676 cases since December 1 a year ago. During November 21,715 cases were removed from cold storage, and December 1 the price for cold storage eggs was put at 40 cents per dozen, the price of fresh eggs being 50 cents.

FARM ORGANIZATIONS AND MARKETING CROPS.

THERE is not a doubt but the greatest problem before farmers today is the marketing of their crops, and so great is our interest in the solution of that problem that we watch closely the work of all farm organizations and meetings of farmers, no matter for what purpose the marketing may be held, to see what consideration is given to this greatest of all questions.

Only a short time ago there was held in one of the most important Southern States what was called a very successful meeting of the organized farmers of the State. Intelligent farmers were there, and subjects were ably discussed, but if the subject of marketing farm crops was mentioned, the reports fail to say so. Thirteen resolutions on thirteen different subjects were adopted before adjournment, but not one of them referred in any way to marketing.

It is so strange that farmers so persistently busy themselves with minor affairs and leave entirely alone the most important matter. Marketing IS the most important. It is not a mere whim of ours. The mistakes of the present system, its round about way, taking products where they are not needed, and thus glutting markets and destroying prices, constitute the leak that draws off the profits and makes farming itself a problem. Farmers know this without being told, and it seems so unaccountable when they ignore a question of such paramount importance.

But it is not so everywhere. There is an awakening. Better marketing is being taught and practiced, and those who need the stuff are having it put in their reach, without having to await the slow action of the greed controlled distant centers, and the farmers thus dealing more directly, are getting what the products bring, and can, therefore, afford to improve their methods and increase production. Every one who tries it welcomes the EQUITY SYSTEM.

A GROWING USE FOR SKIM MILK.

A Wisconsin farmer in one of our exchanges tells of the manufacture of commercial casein in the large creameries and cheese factories, thus creating a growing demand for skim milk; or, rather, creating a new use for skim milk.

Making casein consists, the writer says, of curdling the skim milk, putting it to press, and squeezing out all moisture possible, and then putting it in a drying oven and drying it thoroughly. The curdling is done by heating the milk up to 120 or 130 degrees, and then adding sulphuric acid at the ratio of one pint of acid to one thousand pounds of milk. In a few minutes the whey can be drawn off. The curd is then pressed. It is placed in a cloth of very heavy texture; the press is closed down, and the curd remains over night. The next day it is taken out and run through a mill that grinds it to coarse flour. It is then spread on trays and put into the dryer, which consists in large establishments, of a tunnel about four feet high, three feet wide, and 18 or 20 feet in length. The trays are placed on trucks, piled, possibly, 20 trays high, and rolled into the dryer. At one end of the dryer there is a radiator to heat the air passing through it, and a fan at that end is used to force the hot air through the drier. The following day the trays taken out and emptied, the dry casein being placed in grain bags, and in that form it is sold to the casein companies.

The casein companies, it is said, take the casein in this form, pulverize it to flour, and grade it according to its soluble qualities. Chemical ingredients are then mixed with it and it is sold as glue. The glue is transparent, odorless, and measurably water prooff. It is used in the textile industry as a sizing for woolens, and it also enters into compositions that are used as substitutes for ivory, rubber and bone.

WHERE is the farmer who will refuse to pay 30 cents for a year's subscription, 50 cents for two years or $1.00 for five years, or $1.00 for a membership in the Farmers Society of Equity when he has been paying 25 to 50 per cent of what his crops bring to unnecessary middlemen and exploiters.

The World's Money

Where It Is and How Controlled

IN an age of trade and speculation like the present, prosperity depends upon the money—upon money in circulation; that is, money available in business. Money hoarded and not allowed to circulate is of no more benefit to general business or to general prosperity, than if it did not exist. This has been demonstrated time and again by the creation of financial panics when there could have been no less money in existence than at other times.

In the light of these events of history and the present concentration of the wealth of the country, the control of the money by financial institutions, and the agitation for measures to make that control even more absolute, any information concerning the money and money metals of the world must be of value to the general reader.

The most striking feature in the history of money, or of gold rather, is the rapid increase of the gold output since the discovery of America. Just how much there was in use previous to that time we may not know. There are fabulous stories of articles made of gold, but of the actual existence of these, or what became of the gold that composed them, history does not make so very clear. But from tables compiled and issued by the United States government, it appears that the gold production of the world since the discovery of America, measured in American dollars, amounts to thirteen billion dollars ($13,000,000,000). This is an enormous sum, as many dollars as there are seconds in 390 years!

Of this vast quantity, it seems, enough to coin two billion ($2,000,000,000) dollars is lost; no trace of it can be found either in money or the arts, while four billion ($4,000,000,000) dollars more is accounted for in uses other than as money. This leaves the gold money of the world to-day to be about seven billions ($7,000,000,000) dollars. Of this seven billions of gold money, it appears that three billions are in circulation and four billions are held in banks and the various public treasuries. Some of this hoarded gold serves as a so-called basis for other circulation, or currency, as it is called in this country, and is, therefore, of great importance to the business interests of the people.

As before intimated, the production of gold has increased very rapidly in recent years. During the ten years preceding 1908, the world's production amounted to three billion, four hundred million dollars, while the production for the fifteen years next preceding that was two billion, four hundred million dollars, thus making a total of nearly six billion dollars during the 25 years preceding 1908, or nearly half the production of all the years since the discovery of America. Of the eleven billions of gold now known to exist, one-third was produced during the past ten years, one-half during the last 25 years, and three-fourths during the last 60 years. This leaves but one-fourth of the existing gold to have been produced during all the years from the discovery of America to the 60 years last preceding the present date.

It appears that the United States has a greater supply of gold money than any other country, the supply of the different countries being given as follows: United States, $1,613,000,000; Germany, $1,044,000,000; France, $926,000,000; Russia, $917,000,000; Great Britain (the United Kingdom), $565,000,000; Austria-Hungary, $303,000,000; Italy, $258,000,000; Australia, $158,000,000; Egypt, $140,000,000; Argentina, $140,000,000; Turkey, $152,000,000; India, $113,000,000; Japan, $96,000,000; Canada, $66,000,000; Brazil, $51,000,000.

As before intimated, much of the gold money in this country is held in the United States treasury as a (pretended) basis for financial stability, and by the banks as a basis for currency circulation. In this statement, however, we are not unmindful of the fact that national bank circulation is based on United States government bonds purchased and owned by the banks. These bonds are deposited in the national treasury as collateral security for the circulating notes of the banks, and in consideration of which the government guarantees the redemption of the notes. But this national guarantee does not apply to money deposits in the banks.

From the above figures, it appears that there should not at any time be a scarcity of money in the United States. But the control of the money, and particularly the gold, by the financial institutions is most significant. Even the money that is in circulation among the people, goes into these institutions, into local banks it may be, but thence it finds its way into the stronger concerns in the centers of trade and speculation. From these it goes into the business whirl, and becomes a profit producing matter, not only to the large institutions, let us believe, but to the local banks also. But it must be evident that these deposits are no safer than the business in which they are invested.

But there is another feature of this control which is more important to the general public as it affects all as well as those who have deposits. The legitimate profits of banking is in discounts and interest on loans and re-deposits. The relation of local banks to the central institutions makes the former more or less amenable to the latter, so that, should it be determined in the financial centers to cease to make loans and to call in loans made as fast as they mature, all business done upon borrowed money would be crushed, securities would be forfeited, and a panic could be precipitated in less than a day.

What we contend, then, is that we have gold enough to make us an absolutely safe monetary system, even with gold as the money basis, and the wonderful increase in the gold output during the last twenty-five years is ample guarantee that the supply will keep pace with any conceivable growth of business. Hence the only financial danger before us is the monetary control. As a step in the direction of the mitigation of this danger, the postal savings bank was demanded; but when it came it was everything but that. It has so far been entirely inoperative, and when it goes into operation it will affect only certain centers, and may make the government responsible to individuals in chosen localities for deposits, but it does not abridge the control of the money by the corporate financial institutions.

And now it is proposed by the leaders of these same institutions to create what they call a Central Bank to make concentration even more certain and powerful than the iron-clad combination that now holds them together. It matters little what the advocates of the central bank may base their arguments upon, nor what they may claim it is their purpose to break or curb, there can be but one object for it, and that is monetary control, a matter which should be vested only in the government itself.

I Want to Put One of My Beautiful, Instructive and Useful Calendars for 1911 in Every Home Where Up-to-Date Farming Goes. ---J. A. E., Editor

THE WOODLAND CALENDAR

THIS beautiful new calendar I had made for subscribers to UP-TO-DATE FARMING exclusively. I believe it will not be surpassed by any calendar for the year 1911 and equalled by few that can be obtained anywhere. It is a masterpiece of art while the selection of the subjects were most happy for our particular people. Birds are farmers' best friends. Therefore a Woodland Calendar will be welcome in each farm home where it will be a pleasure and joy to see, and an ever ready reference for full 365 days.

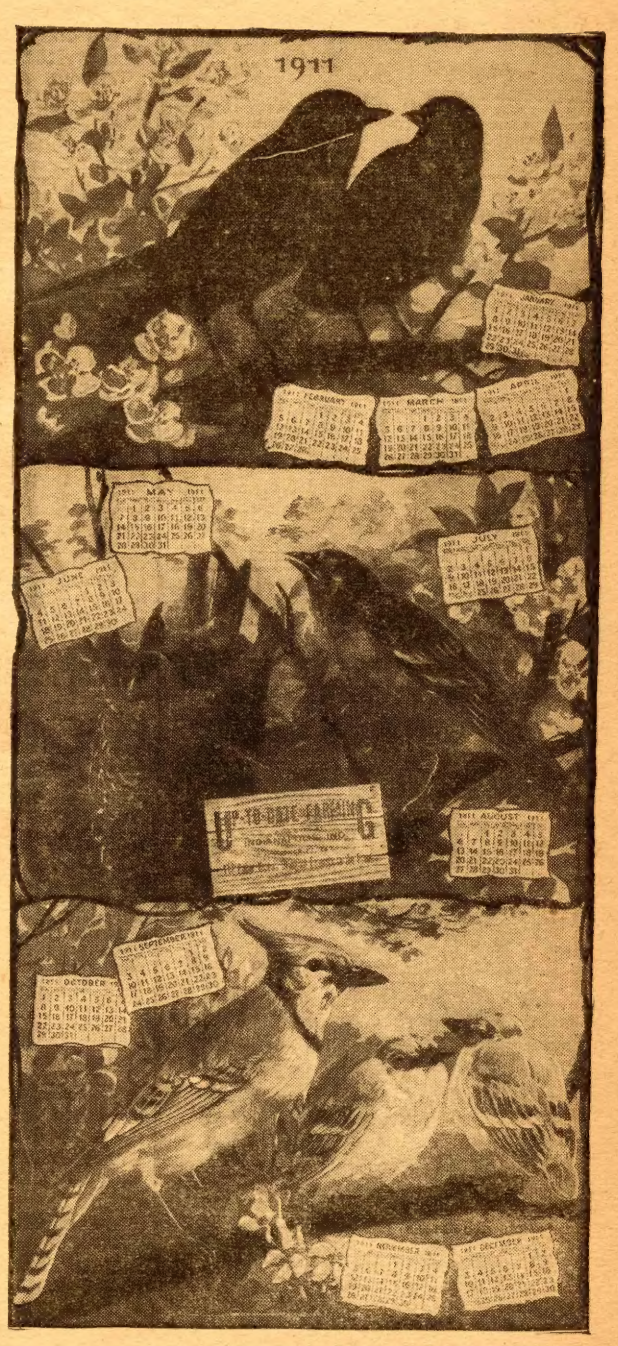
The Woodland Calendar is in three beautiful pictoral panels. The top one shows the harbinger of Spring. "Robbins Mating" is the title. Look at them in the picture. The second, "Orioles Nesting;" and the third, "Baby Blue Jays."

They are all careful, consistent reproductions from life. The calendar is produced in twelve colors and the birds look so natural and life like that one, in fancy, can almost hear the cheery call of Robin Redbreast, or the querulous scolding of the Blue Jays, or the soft lingering notes of the Orioles—echoes of the free fields or forests stealing from these charming pictures.

Why affront the lovers of nature with expensive dead birds or artificial ones on the bonnet when you can have them FREE in all their pictured loveliness, from the brush of a celebrated nature artist in my Woodland Calendar? These winged messengers of the air will give a note of harmonious color and free woody atmosphere to every home. The Woodland Calendar gives an artistic charm to any room, is sure to attract every eye and impress your visitors with its novelty and charm, while it will ever interest and instruct the children.

It is true in this case that fine birds made a fine picture.

Size 2 feet, 1 inch high by 11 inches wide.



My Calendar Offer

I want one of my WOODLAND CALENDARS in each home where Up-to-Date Farming goes. Therefore, to each new subscriber or renewal for one year with 30 cents I will send one postpaid if selected instead of any other premium. Of course, if the subscriber wants another premium also he can subscribe for TWO years—50 cents.

UP-TO-DATE FARMING, J. A. Everitt, Editor

WOODLAND CALENDAR COUPON

MR. J. A. EVERITT, Editor, Indianapolis, Ind.

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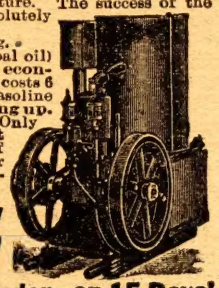
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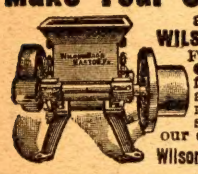


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MENTION JAN. 1, UP-TO-DATE.

J. A. EVERITT, Editor, Indianapolis, Ind.

UP-TO-DATE FARMING

Production and Marketing

The Farm Has a Charm

There's ice on the pond and snow in the valley,
And farm boys and girls are out for a rally;
The skate and the sleigh are ready provided,
And faithful farm horses are easily guided.

Don't envy the young folks the pleasure they're seeing;
A jolly good time is a part of their being,
Besides, all the farms to them appear charming—
Since they follow the teaching of Up-to-Date Farming.

GOOD AND BAD SEED

ENRICHMENT of the soil, careful preparation of the seed bed, and such harvesting as will save every possible grain, are emphasized in all the agricultural schools and farm papers, so that these things are brought quite nearly to perfection. But another element enters into successful farming, that, it occurs to us, is too much neglected. It is the importance of planting or sowing only the best seed.

We copy the following from a practical writer on this subject:

Without good, clean seed the fundamental element of a good crop is lacking. There is no question but that small inferior kernels tend to produce weak spindling stalks while large full seed as invariably tends to grow into big full crops. This has been as conclusively proven in regard to seeds as in animals breeding, and no well informed farmer can doubt it.

There is no question but that the average farmer could easily add to his profits each year by paying as careful attention to his seed selection as he does to his animal breeding.

And there is now no reason why the farmer should not do this because the inventor and manufacturer has again come to his aid and he can buy at small cost a machine that will do this work for him.

The modern seed grader and fanning mill is an important machine on the farm and can be made one of the best investments any farmer can make.

Ordinary grain not only contains much foreign matter—dirt, chaff, weed-seed, etc.,—but even the grain itself varies greatly in size and quality.

The modern seed grader and fanning mill in the first place removes the impurities from the grain and in the second place separates the different grades of the grain itself, eliminating the small weak kernels that would produce only stunted stalks.

There is no question about the evil effect of weeds. Unless carefully guarded against they will overrun any place. Large quantities of them are planted with all ungraded grain. Other large quantities are in the grain fed to animals and are spread over the fields in the manure. Unless the grain for both sowing and feeding is cleaned of such seed each succeeding year will show more and more weeds on the farm. Many a farm has become less valuable from this cause alone.

But grading seed for planting is not the only use of the fanning mill: The farmer who cleans his grain in his own fanning mill always gets top price for his grain and has his screenings for feeding purposes.

From these various points of view a good seed grader and cleaner is a necessity. Its cost is small—it will last a lifetime and it will pay for itself many times over.

THE OAT CROP IN THE UNITED STATES.

OATS is an important crop in the United States, and the crop of 1910 is an unusually large one. Yet it is a fact that the average yield of oats per acre is far below what it ought to be. This may be ascribed to the fact that less care is taken to prepare oat ground before seeding than for any other crop. Oats requires to be sowed early and farmers are inclined to take advantage of that fact to get the oats in in a hurry and have that crop out of the way of the work for the other crops. This leads to the seeding of the oats in "any old way," to use a not very elegant colloquialism. Farmers seldom wait for the ground to get in good working order, and then the seed is put in in the easiest way to get the work off hands.

In some places, a thing very unusual though with crops, too much seed is used. If the oats is too thick the plants will not stool so much, the stalks will not be so strong and vigorous, its heads will be smaller and not so productive, and the grain will not be so heavy. Two bushels of good seed per acre is usually enough under any circumstances, and the seed bed should be put in as good condition as for any other grain. We advise sowing early in the Mississippi Valley, but we do urge the good working of the ground, and the careful preparation of the seed bed. The old style of "sowing down and harrowing in" is not good; it is an out of date method, and cannot be expected to be followed by good yields. Oats is very liable to suffer from drought, and deep seeding, from two to three inches, is a safeguard against that. Aim for at least 60 bushels to the acre.

By the way, we have had better success seeding clover with oats than with any other crop.

CORN IN THE FEED LOT

THERE is no question but that corn is pre-eminently the feed for fattening animals. That does not mean that animals in the fattening pen need no feed but corn, for they do. Corn is mostly starch, a carbohydrate element, and fattening stock needs some protein, and that calls for a supplemental feed or roughness that can supply the needed protein.

How is it best to feed the corn? Exhaustive experiments seem to indicate that the simplest way is the best way. It has been found that 50 per cent of all the large cattle feeders of Missouri, Iowa and Illinois feed husked or unhusked corn in the ear. They believe that the less corn is handled the better will the cattle eat it. This makes feeding corn and fodder together directly from the shock a favorite method in some places. But of the feeders referred to, 25 per cent fed shelled corn and most of the remaining 25 per cent. fed, crushed, soaked or ground corn. Only very few fed ground corn all the time.

The Readers Didn't

"When I'm writing a book, I lose a great deal of sleep over it," said the novelist.

"Your readers don't; they actually sleep over it," replied the critic.

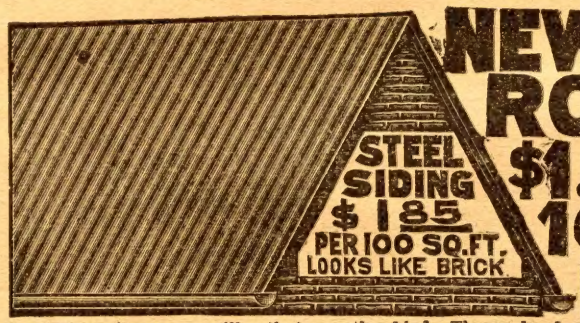
VALUE OF SHEEP MANURE.

ONE pound of sheep manure is worth for fertilizing purposes three pounds of ordinary barnyard manure. This ought to be a valuable pointer for farmers, and since fertilization is the most important thing on the farm today, and as barnyard manure is the farmers' chief dependence, the importance of sheep on the farm is apparent.

AN ELOQUENT TESTIMONIAL

The most eloquent praise that could be given an implement is that it has been on the market for a long period of years, that it has always done its work in the best possible manner, satisfied the many users, was made of such choice material, and in such a workman-like manner that it lasted for more than a generation and is still capable of doing good work. This is the enviable reputation of the Empire Grain Drill, manufactured by The American Seeding-Machine Co., Incorporated, Richmond, Ind. Mr. L. H. Cooch, editor of The Practical Farmer, Philadelphia, Pa., writes: "I wish to say that I have used the Empire Drill on my 500-acre farm in Delaware for the past twenty years, at the end of which time it is giving just as satisfactory service as it did when new. The money spent on repairs has been so slight that it is hardly worth mentioning. I attribute the fact to two things; First, superior workmanship and choice materials, and second, care in handling on the farm. When buying machinery I always try to get the best, and then when the machines are on the farm I see that they are not abused. The Empire is certainly a satisfactory grain drill."

Thousands of the best farmers the world over will endorse all that Editor Cooch has said. The Empire Drill will successfully sow every known seed—wheat, oats, rye, barley, alfalfa, beets, corn, peas, beans, etc., as well as all grass seeds. It will also sow all brands of commercial fertilizers in any quantity desired. The Empire Drill is manufactured in many styles and sizes, so no matter where you live or what your seeding conditions may be, you can get an Empire Drill that will do your work just right. Send to the manufacturers for a copy of the Empire catalogue. Go to your local dealer, and ask to see the Empire Drill. Don't be put off with a substitute.



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CHATHAM FANNING MILL and Seed Grader

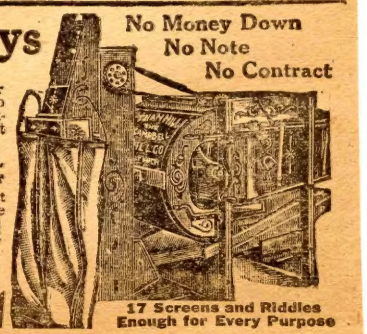
Cleans and grades all kinds of seeds, grasses and grains. Don't grow weeds or thin stands. Land and taxes are too high. Double the crops, get better crops and have high-priced seed to sell. Send postal now for my factory price, liberal terms, and get **FREE BOOK No. 169.** Tells how thousands are making big, extra profits with a Chatham. Send your name by next mail.

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17 Screens and Riddles Enough for Every Purpose

DEEP PLOWING

ORDINARY farm land is benefited by deep plowing. Land will become aerated as deep as it is stirred. If a growth of some kind could be turned under every time it is plowed deep, the good results would be many tmes multiplied. This naturally suggests that the deep plowing should be done in the fall; and it certainly should. We would not plow deep in the spring preparatory to seeding. Deep plowing is supposed to reach below former plowings, and place upon the surface land that has not been brought up before, and consequently has not had the benefit of air and weather to change its nature and pulverize it, and make available the elements of plant growth it may contain. If this is done preparatory to seeding, the seed bed is made of the least fertile material, the plant roots will very slowly make their way to more fertile surface soil turned under, and the growth will be slow and the yield disappointing.

But deep plowing in the fall, the land to lie and weather all winter, has a very different effect on the soil. The new earth brought to the surface is getting the benefit of the penetration of the air into all its broken crevaces, and the freezing and thawing and occasional sunshine are pulverizing it, making it into new life, and making available every element of plant food it contains.

But it is still not in condition to make the best seed bed. In the spring for seeding purposes, we are not content to disk and work it down as so many who plow in the fall do. We usually find that the winter weather has packed it down, and we turn it again. This brings the previous surface soil to the surface again, with the humus made of what ever was turned under added to it and mingled with it. It has had a winter's rest and has been fed upon whatever has leached from the new earth that covered it. It, therefore, has new life and vigor, and is in ideal condition for a seed bed. If the land when first turned in the fall could have had a top dressing of barnyard manure, the good results would have been greatly increased.

The ultimate result is that the land is now friable as deep as the fall plowand disturbed it, and before the season's cultivation and growth are over, the fertility and life will be equally distributed all through it. To again bring fresh earth to the top it must be plowed deeper than it had been before.

A MEAT CLUB.

FARMERS don't put up their meat supply to the extent they used to do, and the greatest outlay in many cases is this same family meat supply. Present methods of building prices after the products leave the farmers' hands makes the meat when the farmer buys it seem like a different commodity from that which he sold the preceding fall.

Some farm neighborhoods in Minnesota have organized what they call meat clubs. The members understand each other and know what meat will be required by each family. At set times a beef or a hog is killed and distributed among the members, the members taking turns in the killing and distribution, keeping accounts so as to equalize the transaction. Thus each member has fresh meat without buying it, and he gets his supplies direct from the producer. He can also avail himself of his own stock, a thing he could not do but for this neighborly cooperation.

This affords a splendid hint for Local Unions of the F. S. E.

While we think UP-TO-DATE FARMING is just about the best farm paper, yet there are others" and some good ones. We cannot find space for all the "good stuff." We suggest that you accept the big offer Farm Journal makes in this issue. Or send for a sample copy if you do not know this paper. Address Farm Journal, 133 Clifton St., Philadelphia, Pa.

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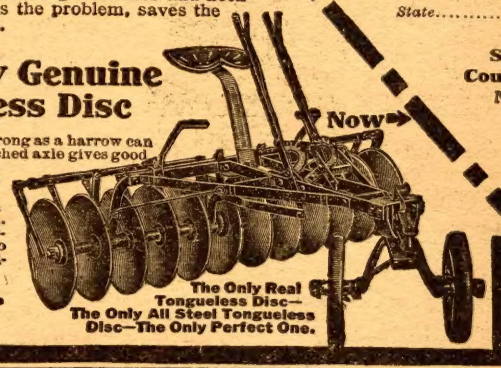
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MEADOWS RUNNING OUT.

MEADOWS, particularly timothy meadows, do not hold like they used to do when the country was younger. There are various reasons for this, but we need scarcely discuss them now. The principal one, however, is that the soil has been exhausted of its early vigor and the strong growing native weeds have too great an advantage over the tame grasses.

The meadows must have more attention. We can no longer expect to harvest any crop year after year without bestowing any labor upon it other than the original sowing. A trying time for the meadow is just after harvest. Every stalk of timothy has been cut near the ground, an event which must be a shock even to plant life. This comes at what is usually the hardest season on plant growth—dry, hot midsummer. Ground that had been shaded from early spring is now stripped of its covering, and roots that had scarcely known the heat of the sun are exposed to his fiercest rays. The surface is left almost bare, and every timid timothy plant is likely to perish, while every hardy weed seed, smothered in the shade until now, is as certain to germinate.

In the old countries the farmer is particular to cover his meadows as soon as he mows his crop. Stable manure is the best covering for a meadow, except that it is almost certain to carry with it the seeds of noxious weeds. If we have the manure, however, we must disregard the weed seeds, and seek to overcome the weed growths in another way.

The worst trouble about the stable manure is that there is not enough of it. In its absence a substitute must be found. Muck from a creek or pond, or soil from points that have not been cultivated, sawdust from a mill, especially from one cutting hard lumber, mixed with such muck or soil, serve an excellent purpose. Leaves from the forest and straw, evenly and not too heavily spread, are good also, except that the leaves are likely to be blown off or drifted by the wind. If the leaves could be run through a machine that would grind or tear them to pieces, they would then make a very good covering.

But all this would require work, much more than is usually put upon meadows after harvest in America, of course, but it is not unpleasant to weigh the work with two tons of bright, clean hay to the acre against half a ton of inferior, weedy stuff. Even then the meadow does not have the work the cultivated crops require.

But after such treatment as the above, the weeds must have attention. In what had been timber land there are likely some sprouts, possibly some briers, to cut, and this should be done in the spring at leaving out time, and every sprout and brier should be grubbed. The larger weeds also should be cut and kept cut or pulled until harvest time. This treatment will perpetuate the meadows, and make more and better hay.

Hints About Treating Fresh Pork.

We glean the following hints from an exchange, though many of them were used by us years ago:

Fried sausage may be saved by forming it into medium sized cakes, and frying it brown and until thoroughly done. Place the cakes in jars or tins, packing as closely as possible until within a half inch of the top; cover with boiling grease, and close tightly. If glass jars are used, the jars must be heated slowly until they are as hot as the grease before it is poured in or they will be broken. Quart tins or half gallon molasses buckets with tight lids are the best vessels to use.

Side meat or ham may be saved in the same way. Cut in slices as for the table, fry brown on both sides, seasoning with salt and pepper, as if intended for immediate use. Put in cans or buckets, cover with hot grease, and close tightly.

To save ribs, cut in pieces as for table use, fry done in boiling lard, season, and pack in tight vessels, covering with hot lard, and close tightly, as before.

Where many hogs are killed the tongues are an item. To save them, immerse the tongues in boiling water. Remove the skins when loosened, and cook until very tender. This may be done with the heads or feet. Allow the tongues to remain in the broth until cool, then place in a crock, cover tightly and weight down. Serve in thin slices. Tongues thus treated will not keep so long as the other meats mentioned.

To cook pigs feet, clean the feet thoroughly by soaking, scalding and scraping. Then let them remain in weak brine for a day. Boil until the bones separate easily from the flesh, salting to taste. Keep in a cool place. For a breakfast dish, split the feet open, roll in flour and fry to a nice brown. Pigs feet may be pickled, after cooking, of course, by pouring over them hot, spiced vinegar. Allow to stand a few days before using.

The upper part of the head, and the heart and liver of hogs may be made into scrapple. Cook until all bones can be removed, chop fine, season to taste with salt, pepper, sage, etc. Remove part of the grease from the liquid in which all was cooked, then return the meat to the liquid, and when it boils, thicken with meal until a thick mush is formed. Stir constantly to keep from scorching while the mush is cooking. When done pour out into deep earthen dishes. Sliced and fried brown, it makes a nice dish for breakfast, or for any other meal.

To make head cheese, cut into pieces, clean and cook the heads until the meat falls from the bones; as soon as cool, remove all the bones, and run the meat through a meat chopper, season with salt and pepper, sage and the strained broth in which the heads were cooked. Then place in a stone or earthen vessel, and weight down, pressing with considerable weight, being sure that the grease rises and covers the meat. Slice and serve cold. Pigs feet may be cooked and mixed with the head meat, but great care must be exercised in removing the bones.

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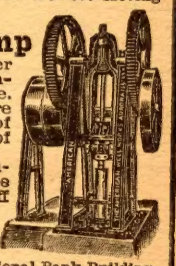
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All do their best to serve us
In their many useful ways.
What do we to recompense them
In these bleak and stormy days?

We are sure we can trust you—
You who study Up-to-Date;
For you'll not neglect to care for
These good friends within your gates.

HOW MUCH IT TAKES TO MAKE A POUND OF STEER

A FARMER don't know his business unless he knows the cost to him of everything he sells. How long would a merchant keep his doors open if his knowledge of his business was such that he had to say to his customers: "I do not know what that article cost, but I want as much for it as I can get; yet I don't know any other way to do than to take for it what you are willing to give, hoping, of course, you will give me what it is worth?" Every farmer that went to trade at that store would think that merchant a fool—a business fool at any rate.

But hold on a minute. The farmer's place of business is his farm, and he has things for sale there. Every year brings him customers, and he sells things. Think it over. Is not the above just about the way he makes his trades?

A Canadian agricultural college has tried a unique experiment to help farmers acquire a knowledge of what at least some of their stuff costs them. An ox was kept in a box stall from birth to maturity. It was not allowed a bite of feed except what was given it, and a careful account was kept of every mouthful consumed. It had no exercise except what was given it by the attendants, who led it out and exercised it, so as to be sure that it got no food other than the ration given it. This experiment was kept up until the animal was three years old. It then weighed 1,588 pounds.

During the three years it consumed 42,449 pounds of water, 3,862 pounds of milk, 7,270 pounds of various root feeds, 5,857 pounds of grain, and 20,957 pounds of roughage. This made a total consumption, including water, of 80,395 pounds, and a consumption of feed, exclusive of water, of 37,946 pounds. During its life the animal voided of urine and excrement, 46,560 pounds. It, therefore, retained and made use of 33,835 pounds of feed and water; and of that it built up a body, live weight, of 1,588 pounds, deducting, of course, the weight of the calf at birth. But what became of the 32,247 pounds of feed and water that is not accounted for? It was evidently thrown off through the pores of the skin and from the lungs in the breath.

We have here a most interesting lesson indeed, and it is one that is not without surprises. We are not informed of the Canadian price of the feed consumed, but we are given a good idea of how much feed it takes to make beef. A fifteen hundred pound steer will dress out about a thousand pounds of beef, and that may be taken as a basis for any calculations our readers may wish to make as to what the price of live stock ought to be, and also what should be the retail price of beef.

An important lesson is, that farmers cannot afford to produce beef cattle, even at present much talked of prices, without depending largely on inexpensive pastures. That has been so all the time, and the only reason that beef cattle sold at lower prices during former years was, that almost unaccountable herds of cattle were pastured on the open ranges of the West, the only expense being the herders. These came to the market off the grass that practically cost nothing, and set the price on the stock raised by the farmers on their costly pastures and finished in their feed lots.

But the open range days are practically over, and the farmers themselves must now set the pace and the price. But since there is an inevitable limit to the price, and the world must be fed at what the world can afford to pay, it is up to the farmers to find the cheapest practical way to produce beef cattle. That is evidently by the largest possible use of the cheapest possible pasture; and since the cost of the pasture depends much upon the value of the lands, the richest pastures are clearly the cheapest ones. There is no room for weeds, and there is no room for bare places. On the high priced land of the farming sections, every acre of pasture must return a value corresponding to the value of the crops produced on the cultivated land, the labor alone deducted. This means that the stock pastured much have every bite of forage they can use to advantage, and the acres must be so rich in that forage that they will thus feed the largest possible amount of stock. Have new pastures coming on so that as soon as the one in use falls below the profit limit, it may be given over to cultivation and a fresh pasture be in readiness for the stock. The fresh one, however, during its preparation, must be yielding crops of hay and perhaps of seed. This rotation will not only keep the farm clean, but it will keep it fresh and fertile also.

Another lesson is that the present price of live stock cannot be greatly reduced. In that regard it only remains for a means to be adopted to prevent the price of meats, the retail price, the price that grows between the producer and the consumers, from reaching and being held an an inequitable level. Laws to this end seem puny and ineffective. There must be a better system of marketing.

TIMOTHY HAY FOR CATTLE

OUR own experience is that good timothy hay is usually worth more on the market than it is as feed for cattle. A series of carefully conducted experiments by the Missouri Station reaches the same conclusion.

Timothy hay of average quality, says the bulletin, was found to be nutritious enough to a little more than maintain the weight of yearling steers that were in thin condition to begin with. Such steers were wintered on that grade of hay, covering a period of six months, from November 1 to April 30; and were fed a little more than 18 pounds of hay per day per steer of 750 pounds live weight. The total feed per steer was 3,285 pounds. The steers made a slight gain in weight during the winter, but only when weather conditions were most favorable.

The experiments seem to show that it would be more profitable to sell the timothy hay and buy cheaper feed for the cattle, as the timothy hay itself must be supplemented with grain to accomplish what every stockman wishes to accomplish. We have thus fed with good results, threshed redtop at a cost of less than half of what the timothy would bring. Clover and pea hay, also cheaper than timothy, is worth more for cattle feed, pound for pound, than timothy.

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JUDGMENT WITH SHEEP

WE are not afraid to appeal to the judgment of the readers of UP-TO-DATE FARMING, for they are up-to-date and progressive. The days of chance farming and stock raising have gone with the careless, reckless methods of living. We, therefore, see the need of judgment with sheep.

The sheep is a handy animal, but at the same time it is a delicate one. It appreciates a pasture, and profitably consumes much that other animals do not, but it tires of being kept too long in the same place. Lack of thrift and disease follow it, but they are slow to find it if frequently moved from one field to another.

The sheep is a mountaineer. Nature orginally placed it in hill countries; and, while it has become quite well adapted to dry levels, it is far from home in wet, swampy regions and cannot endure them. Judgment—keep the sheep out of the low grounds and mud.

Nature gave the sheep warm clothing so that it could stand cold weather but it gave it no rain coat; its clothing was designed to meet the dry cold of the mountain areas. Judgment again—do not make its quarters too warm, but have a roof over them, and keep the sheep dry in winter.

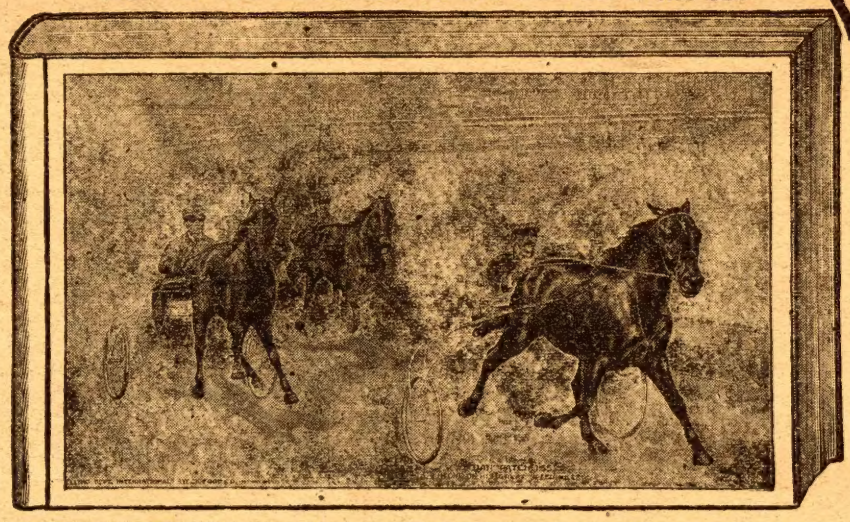
In hill countries there are always sheltered nooks protected from the bleak winds; cozy places where the flocks are not likely to go in crowds. These places are sought by the mothers in which to make the acquaintance of their young. Judgment once more—look after the mother sheep, shield them from the crowding and trampling of the flock, and, especially in bad weather, give them a cozy nook to themselves and their little ones. Man has done so much to interfere with the plans of nature that it is up to him to study these things and supply the links he has broken. And since his cupidity has bred up to more than what nature really provided for, he must give extra care and assistance for the sake of the extra lambs he so delights to see.

BEEF CONSUMPTION

STATISTICS show that the consumption of beef is on the increase. This is to be expected in spite of high prices, for there is no better or more nutritious meat than good beef. The increased consumption, however, affords another assurance to farmers that it is safe to increase the ouput. Prices are going to remain profitable. The only element of uncertainty is the wonderful machinery that has been built up between the producers and the consumers. When a fat steer goes on the market now it is not known whether it will find its way to the tables of the hungry or to the cold storage rooms to await a bid satisfactory to the packing houses. It does look like a "government of the people, by the people and for the people," ought in some way be able to see to it that tons of provisions are not hoarded while millions of people are required to pay such excessive prices as to force many to go hungry and prevent the consumption that would encourage growers.

Present conditions carry with them such a weight of uncertainty. We can not know whether the meats in sight are all there are or whether twice as much is hidden away somewhere. We wish there was equity in government and also in business. Storage is a great thing when it holds only a reserve supply to feed the people in a possible emergency, but when it is done to shorten the supply, starve the markets, reduce consumption and force down prices in the feed lots, it is an evil for which there should be a remedy somewhere. There is not much equity in the pitiful efforts of the courts to reach these cases.

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This Moving Pictures Book is a New Invention that you can carry in your pocket and show your friends instantly day or night, either once or a hundred times and Without a machine, curtain or light. It is the most Attractive Novelty and most pleasing Dan Patch Souvenir ever Invented and shows Every Motion of Dan Patch 1:55 in pacing one of his Marvelous and Thrilling World Record Miles and it is Absolutely True To Life.

I assure you that they are the most successful Moving Pictures ever taken of a World Champion Horse in his Wonderful Burst of Speed. If You Love A Great Horse and want to be able to see him in Thrilling Motion Pictures at any time as long as you live Be Sure And Mail Me The Free Coupon At Once Or Give Me The Required Information In A Letter Or Postal Card And I Will Mail You One "Dan Patch Moving Picture Book."

SEE EXTRA $6.50 FREE OFFER IN COUPON. M. W. SAVAGE, MINNEAPOLIS, MINN.

CLOVER AND MILK

H. H. SHEPARD gives the Journal of Agriculture an account of a valuable experience with clover as a dairy pasture. His cows had been on good bluegrass pasture, and had been given extra feed every day. From a four acre field of young clover, he had cut a ton of hay to the acre in August. The second crop grew rapidly and came into bloom in the latter part of October, the growth being thick and luxuriant. He now turned upon it the nomics of many farms, yet probably no feature of farm life is so little understood and blindly pursued. This improducing dairy cows and young heifers, (he does not tell how many), and three head of horses. Within three days after they had been on the new clover pasture, the cows showed material gains in milk, and both color and aroma of the butter were better. After they had been on the clover pasture for a week they had practically doubled their yield of milk, with a proportionate gain in butter, and all extra feed was withdrawn.

From this experiment, Mr. Shepard concludes that a cow in heavy green clover gets all she can eat of the very best of feed; and he is more and more convinced that it pays to feed producing cows all they will eat of the best feeds at all seasons, keeping up the flow of milk to the highest capacity of the cows. Many persons, he thinks, believe their cows are inferior milkers, when, if they would feed them all they would eat of the best and a variety of feeds they would perhaps double their yield.

Thoughts at Random

The colt will make a better horse if it is frequently rubbed and handled this winter.

At a very early age, the calf may be taught to eat shelled corn, and after that, if fed regularly, its growth is assured, and its supply of milk may be gradually reduced.

Shredded fodder goes to the manger or feed box in much better shape than the stalks brought in from the fields, where they have been all the time exposed to the weather, and a great deal more of the shredded article is available for feed. Then what is refused is more easily handled than the refused stalks.

In feeding shredded fodder to horses, don't feed scantily. If left unsatisfied they may eat portions of the torn stalks that may not be good for them.

It is awful hard to whip bad habits out of a horse; they can be much more easily coaxed out. Even a horse resents bad treatment, and gently responds to kindness.

A neighbor had a fine looking Jersey cow, but she was pronounced no good by her owners. She did not give much milk at best and she persisted in going dry long before she had made herself profitable. She ran in a distant pasture, and had been habitually chased up night and morning by a rider on a galloping horse. In a fit of anger, she was sold for $15. The new owner treated her kindly, and she rapidly developed into a splendid milker with ecellent qualities. That was three years ago, and that Jersey is considered the prize cow of the neighborhood, and would be taken quickly if offered at $75. It was the treatment.

Look to the feed rack. Stock are not to blame if feed is wasted when it is given them in a wasteful way. It is more important to save than to earn or produce.

Save the manure, but don't let it stay in the barn or stalls to save it. A dry bed and clean horses and cattle proclaim a good farmer and stockman.

Our readers will be glad to hear that the American Harrow Co., 5337 Hastings St., Detroit, Mich., have perfected an endless Apron Manure Spreader which seems to be capturing the farmers. You will find a good description of this spreader in their free Big Book. The catalogue is well worth reading, and is a valuable addition to any farmer's library. Write for it.

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you will buy a
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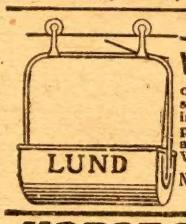


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A BOG SPAVIN, PUFF or THOROUGHPIN, but
ABSORBINE



Before After
will clean them off permanently, and you work the horse same time. Does not blister or remove the hair. $2.00 per bottle, delivered. Book 4 E free.
ABSORBINE, JR., for mankind, $1 and $2 bottle. Reduces Varicose Veins, Varicocele, Hydrocele, Ruptured Muscles or Ligaments, Enlarged Glands. Allays pain quickly. Your druggist can supply and give references. Will tell you more if you write. Manufactured only by
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on your Carrier. This 100-foot, straight-run outfit, $18, ready to install. Additional track at 3 cents per foot. This is the most simple and durable carrier on the market. Write today for booklet and plan
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HORSE OWNERS IT COSTS ONE CENT
to try the "CLEAN" Curry Comb and save dollars in time, labor and expense. Automatic action, durable, effective, easy on the horse, and always clean. Send address—stating number of horses owned, and we'll send Comb postpaid.





AFTER TRIAL, send 50c or return comb at our expense. Valuable Horse Book sent free. Clean Comb Co., 60 Fifth St., Racine, Wis.

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Book, "Treatise on the Horse," free
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Trained Salesmen earn from $1,200.00 to $10,000.00 a year, and expenses. Hundreds of good positions now open. No experience needed to get one of them. We will assist you to secure a position where you can get Practical Experience as a Salesman and earn $100 a month or more while you are learning. Write to-day for our free book *"A Knight of the Grip,"* list of good openings, and testimonials from hundreds of men recently placed in good positions.

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It takes a wax thread, feeds from spool and does the work of any harness maker machine. It is indispensable for farmers. Agents wanted. Sent prepaid for $1.25. Send at once for catalog. shoes, tents, awnings, pulley belts, carpets, saddles, suit cases, buggy tops, dash boards, or any heavy material. STEWART'S AUTOMATIC AWL is the only perfect Sewing Awl.

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Sell Magnetic Combs and get rich; agents wild with success. They remove dandruff; stop falling hair; RELIEVE HEADACHE, never break. Send 2c stamp for sample. **PROF. LONG, 809 Ash St., PEKIN, ILL.**



$18 to $30 Per week selling this Awl. Just the thing for repairing Shoes, Harness, Buggy-tops, etc. M. Neal sold twenty in 6 hours, cleared $8.50. Had no experience. Send quick for complete instructions. **Anchor Mfg. Co. Dept. 275 Dayton, O.**

Farmers Sons Wanted with knowledge of farm stock and fair education to work in an office; **$80** a month with advancement, steady employment, must be honest and reliable. Branch offices of the association are being established in each state. Apply at once, giving full particulars. **The Veterinary Science Association, Dept. 22, London, Canada.**

WE WANT MEN TO LEARN THE BARBER TRADE. It's easy. Good field for our graduates. Our diplomas recognized everywhere. Established 1893. Our Manual for Home Study. Branches in all leading cities. For information regarding any one, write Dept. 17, Moler System of Colleges, Chicago, Ill.

$100 Monthly and expenses to trustworthy men and women to travel and distribute samples; big manufacturer. Steady work. S. Scheffer, Treas. A C 213, Chicago, Ill.

Wanted—A man or woman to act as our information reporter. All or spare time. No xperience necessary. $50 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION, 629 Association Building, Indianapolis, Indiana

WILL YOU WORK AN HOUR A DAY FOR $21.00 A MONTH?

I don't care who you are or where you live--men--women --boys--girls--I want you to work for me and I will pay you big.

If you can give all your time to my work you can earn up to $175.00 or more a month.

My work is High Class--Clean and Pleasant. You can do it in your spare time. I start you. No capital needed.

Be your own Boss--fix your own hours. How nice to have plenty of money! How much shall I pay you?

You can earn $21.00 to $175.00 a month by working for me one hour or more a day.

SEND NAME ON POSTAL QUICK TO

C. L. DAVIS, Mgr., Salary Dept. 20, CANTON, O

TO FATTEN A HORSE

FARMERS often find themselves in a position where it is very desirable to fatten or fleshen up their horses, or certain ones of them, getting them ready for market perhaps. The Illinois Experiment Station gives a summary of conclusions reached that may be of benefit to our readers:

The experiments showed that a mixed grain ration of corn and oats, when fed with clover hay, was more efficient than a single grain ration of corn for producing large gains in an eighty-four-day feeding period. While the ration of corn, oats and clover hay was more expensive with prices of feeds as stated than one of corn and clover hay, the gains are such as to make its use more economical.

Clover hay was 58 per cent more efficient for producing gains than timothy hay.

A ration of corn, oats and timothy proved satisfactory for producing finish in fleshing horses for market, but was materially improved by the addition of oil meal.

A ration of one-fourth oats and three-fourths corn proved more economical than one of half oats and half corn.

A ration of corn and bran fed in proportions of one part bran and four parts corn by weight was superior to an all-corn ration for producing gains when fed in conjunction with clover hay.

There is apparently danger of feeding too much bran for best results when clover hay furnishes the roughage part of the ration. The bran and clover combined produced a too laxative condition.

In these tests the narrower the nutritive ratio the larger were the gains; the best results were secured with a nutritive ratio of one to eight.

Exercise had a retarding effect upon the taking on of flesh, the horses receiving no exercise making 24 per cent more gains than those having a daily walk of two and eight-tenths miles.

We cannot but note the value given to clover as a feed in these experiments. There is more or less prejudice among farmers against clover hay as a feed for horses, but this prejudice has grown out of bad effects that may follow the feeding of badly cured clover hay that is moldy and dusty. Any moldy feed is injurious. Cure the clover well so that it is free from dust, and there is no better feed, except that when given free access to it, horses may eat too much.

The value clover is to the land on which it grows makes us glad of whatever will tend to increase the growth of clover on the farms.

WHY THE HOG IS PROFITABLE

WE are glad farmers are becoming more and more prone to ask the question, "Will it pay?" Unless there is profit or benefit of some kind in what we do it would be just as well not to do it. Is it profitable to raise hogs? Farmers know that it is, but many do not sufficiently consider why. Prof. Coburn, in his book, "Swine in America," gives his idea of why it is profitable to raise hogs on the farm:

No animal on the farm is better adapted to turning good feed quickly into marketable meat than the hog, and none can better repay, from a market standpoint, a discriminating system of feeding. This is particularly true as to first costs, for the hog is by nature planned to utilize the least expensive feeds and will manufacture into toothsome pork much that might otherwise be reckoned of little value, if not waste. In many phases of farm economy the hog is a feature, and his proper feeding has in innumerable instances been the factor that kept a farm's profit on the right side of the ledger.

Every farm home ought to receive the weekly visits of the Youth's Companion. There is no better paper for the young folks and old folks as well. It is truly a paper for the family—and the whole family. Every reader of UP-TO-DATE FARMING can get the balance of this year free and the Companion beautiful calendar free by clipping the coupon in Oct. 15 or Nov. 1st number and sending to the publishers. The free copies and fine calendar are worth having. Look up those numbers and clip the coupon. It's worth while.

He Ate Up the Place

A mule was being shipped in a car, the shipping tag being tied to the rope that held the mule in place. The mule got the tag, pulled it off and ate it up. The attendant noticing the loss, rushed frantically to the conductor:

"I say, boss, what you gwine to do with that are mule? He done eat up whar he gwine!"

A RAILROAD Thru Our Land Now! Why? Because the Railroad People Saw the Possibilities. They Know What It's Growing to



No farm more than 5 miles from Railroad. It runs thru our land for 19 miles, making 38 miles of farms on both sides, touching the road. No farms more than 5 miles from water. A deep water port on our land! Hunting, fishing, bathing the year 'round. No hot summers—no winter. Cool Gulf breezes make it a delightful place to live. Big money making crops.

This advertisement is meant for you. Don't be indifferent. It may mean future wealth to you. Send today for my booklet, maps, and full information.

FAMOUS O'CONNOR RANCH

In Calhoun County, Comprising 70,000 Acres

It is the Best Because—

—the land is unsurpassed in richness and quality.

—it is bordered by the Gulf and Bays on three sides.

—it has a railroad through the entire length, 19 miles, and no farm will be more than five miles from the railroad.

—it has a Gulf port, Port O'Connor, which is destined to be one of the important cities on the Gulf.

—it is on the great new Intercoastal Canal.

—the land is underlaid with artesian water and 23 wells are now flowing on our land.

—the water is pure and plenty of it.

It is the Best Because—

—the rainfall is more abundant than farther south, average 38 inches rainfall well distributed throughout the year. (Rainfall in Indiana about 36 inches a year.)

—the greatest variety of crops can be raised, cotton, grain, fruit and vegetables.

—early vegetables and fruit grown here find markets in the North at fancy prices.

—the water shipping facilities gives this section low, competing freight rates to the great Eastern and Northern markets.

—there is no winter and the cool gulf breazes make the summer delightful.

This is What You Can Do Now

You can go with me on the next excursion and select a farm on the railroad that might become a townsite. Or on one of the beautiful bays where it will be a pleasure and constant delight to live and enjoy such hunting, fishing and bathing as cannot be surpassed anywhere. Or interior land if you prefer. And remember: on any of this land you can have **crops growing every month in the year.**

The land is level; no stumps, or stones, but is ready for the plow. Locate your farm, begin work and sell crops in a few months.

Being nearly surrounded by water, the climate is cool, with Gulf breezes. There is no winter and there is no sweltering summer. Never has been a tidal wave and never can be as it lies too high and is protected by islands.

I am not attempting to tell you all about the **FAMOUS O'CONNOR RANCH.** It takes a book to do that and I want to send you one. All I hope to do in this advertisement is get you interested. I invite you now to go and see for yourself. If you do not delay you can select one of the choicest farms that will produce more per acre than farms worth $150 to $200 an acre in Indiana or Illinois. Land no better than ours in this section is selling for double our price and it is not nearly so well located. We are owners—not agents—and want to develop the town as well as to sell farms.

Let me send you my book and full particulars, then you can decide. Don't try to decide before you get it, if you want a home and business, or if you want to invest in land that will double and triple in value in a short time. Send the coupon or write a postal card.

CALHOUN COUNTY CATTLE COMPANY

C. H. LEE, Manager Indianapolis Office

INDIANAPOLIS INDIANA

THIS IS THE COUPON

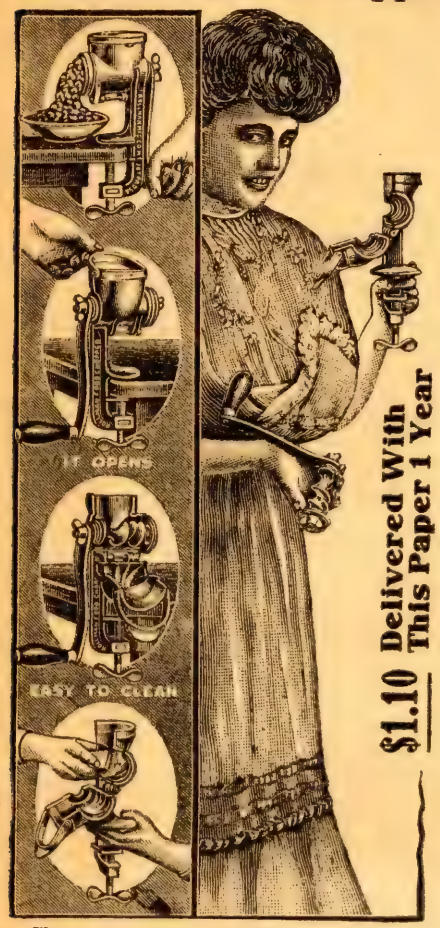
MR. C. H. LEE, Indianapolis, Ind.

Dear Sir: Please send me free full particulars of the O'Connor Ranch lands, prices and when your next excursion will go. I am interested in a farm of.....acres.

My name .....

Address .....

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Food and Meat Chopper



$1.10 Delivered With This Paper 1 Year

Chops one pound of raw or cooked meat per minute. Also chops or grinds fish, vegetables, fruit, nuts, spices, coffee, cocoanut, horseradish, codfish, etc. Has four steel cutters, fine to coarse. Easy to turn. Opens and separates to clean. Makes no waste. Handsome. Will not rust.

My Offer Send $1.10 and it will pay for one year's subscription to Up-to-Date Farming and a Rollman Food Chopper delivered to your express office all charges paid. Or send a club of 5 subscribers at 25 cents each—$1.25—and I will send you a chopper as a reward. Mention JAN. 1, UP-TO-DATE.

J. A. EVERITT, Editor,
Indianapolis, Ind.

Extra Fine Post Cards Free

Send 2c stamp for five samples of our very best Gold Embossed Friendship, Flower and Motto Post Cards; beautiful colors and loveliest designs.
Art Post Card Club 875 Jackson St., Topeka, Kan.

Do You Appreciate—
what this paper is trying to do for every farmer in our country? Will you help us? Then please mention

UP-TO-DATE FARMING

when you write advertisers. And if you see the announcement in more than one paper mention this one sure.

THE "AUTO"-CRAT FARMER.

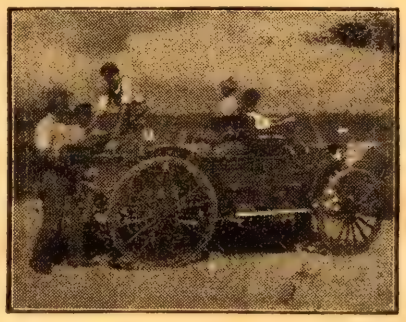
Automobile people figure that farmers are buying more than fifty per-cent of the automobiles. In some states they are buying two-thirds of the cars. Where there are the most farmers, there you find the most automobiles.

A writer in the Saturday Evening Post says:

"Between January and June of this year the farmers of six middle-western States spent more than twenty million dollars for automobiles, and they bought for cash. Wherever you turn, from the northern outskirts of the Dakotas to the Texas borderline, you will find the trail of the gasoline car across the farm. It has made agricultural life more attractive; it has destroyed the isolation of the rural worker; it has annexed the ranch to the town; it has brought the market to the farm's door, and in various vicinities it is working out a social and educational revolution. In short, it has become an implement of practical utility instead of a luxury.

Good crops, high prices and prosperous farmers—why not have an automobile? The Farmer, if anyone, has use for a motor car. He needs it in his business. It is an investment for him. For our city cousins, it s a pleasure, an expense. But even for the city man it brings health, enjoyment, green fields, pure air and county life. The same writer quoted above writes:

"I saw a touring-car standing alongside a fence. Inside sat a man who was watching a harvesting crew at work in a field. I asked him if he owned the car and he said he did. Then he added, 'I don't know what I'd do without it.' His case is the common one that I found in many sections. He owns thirty-five hundred acres of land in half a dozen pieces scattered throughout two counties. He used to keep four driving-horses and with a good team it took him a whole day to get around. These horses, with harness and vehicles, represented an investment of eight hundred dollars. The upkeep was thirty-five dollars a month. In threshing-time he had to leave home at four o'clock in the morning and he did not get home until after ten o'clock at night. Then he bought a second-hand touring-car for fifteen hundred dollars and sold his horses. Now he can get all over his farms in half a day."



No two days trip to market for these folks—they use their auto and make it in a few hours.

Readers of Up-to-Date Farming are, on an average, getting higher prices for their products than the readers of any other farm paper. They can, many hundreds of them, afford an automobile. They need them. Think of your needs and what a car would do for you. If you want one, investigate the different makes.

Several years ago a man had to keep spend much time and money to keep his automobile in order or else keep it in a garage a good bit of the time. It isn't so today. The good, standard cars are made nearly trouble-proof.

A farmer who has had experience with all kinds of farm machinery is well equipped to take care of a motor car. It doesn't require an experienced mechanic any more.

Your neighbors care for their own cars. You will get pleasure in doing the same if you get one. Think it over. And keep in mind that the old time joke about laying on ones back under a machine originated and had some foundation in fact six years ago.

Bible Names

"What is to be the baby's name?" asked the preacher at the christening.

"Hallud," responded the proud mother.

"Hallud!" ejaculated the minister, "I never heard of such a name as that."

"Never heard of such a name!" repeated the mother. "It's in the Bible, and you say for that to be our name every time you say the Lord's prayer. 'Hallud be thy name!'"

That reminds us of an old settler in Southern Illinois who selected a Bible name for his dog.

"What is the name of your dog?" asked a stranger.

"Moreover," was the reply.

"Moreover! Where did you ever get such a name as that?" was asked.

"Out of the Bible," said the old man. "In speaking of Lazarus don't it say "Moreover the dog came and licked his sores?"



VALENTINE Post Cards

There is hardly a family in the country that will not want some beautiful, sentimental, or comic Valentine Post Cards to send to friends to remind them of affection or love; or their peculiarities or frailities. I want to supply them. My cards are the most beautiful, or the most comical and the most appropriate that can be obtained.

Of the beautiful sentimental cards I have the following:

Cupids Messenger, No. 1, 12 cards; Landscapes, No. 4, 6 cards; Lovers Messages, 12 cards; Nations Messages, 6 cards; Flowers, No. 4, 6 cards; Hearts and Ribbons, No. 2, 12 cards; Flowers, No. 3, 6 cards; Butterfly, 6 cards; Cupid's Pranks, No. 1, 6 cards; Cameo, No. 1, 12 cards and Playing Cards, 12 cards.

In the Comic's I have the following: The Shiftless Man, Close First, The Masher, D—Fool, Lovesick Girl, Boss of the House, Saleslady, The Fat Man, Fisherman, Cornet Player, The Bow Legs, Wife Beater, Henpecked Husband, Proud Father, Miser, Hypocrite, Talking Machine Crank, Cigarette Fiend, Tobacco Chewer, Jealous Man, The Crook, Drunkard and The Dude.

The illustrations will help you slightly to judge of the beautiful designs, but they give no hint of the wonderful color effects obtained in my sentimental cards by 12 printings and embossing. I will just say that my Valentine Cards are of the same high grade, in artistic arrangement and printing as my other cards which have gone to nearly all subscribers.

The Comics is an unsurpassed collection. Just the thing to furnish a lot of fun. Each card is a "Peach." They are gaudily colored and unsurpassed to portray the different types of men and women, in pictures and verse.

MY OFFER Send 30 cents and I will send you Up-to-Date Farming one year and your choice of 25 Valentine post cards. Or send 50 cents for two years, or two subscribers for one year and I will send 50 Valentine cards. Selections may be made by sets, or just order an assortment. I guarantee satisfaction or the cards may be returned and exchanged for others. Subscriptions may be new or renewal.

Please use the coupon.

J. A. EVERITT, Editor Up-to-Date Farming.

COUPON, CUT OUT

J. A. EVERITT, Editor,
Indianapolis, Ind.
Dear Sir:—Enclosed is ———. Please send UP-TO-DATE FARMING —— year and ——— Valentine Post Cards as listed below. Also send your list and offers of EASTER Cards.

My Name .....

My Address .....

New or Renewal .....



Get a Eureka Kitchen Set Free

Few kitchens are yet supplied with this almost indispensable set of utensils and the rack to hang them on. We can honestly say: A tool for everything and a place to keep it. Made of high grade tempered steel ground and polished. Flat, Wearproof Ebonized Handles.

The many uses to which these tools can be put make them appeal strongly to every housekeeper. My offer is so liberal that any person can easily secure one for a little effort that can be made almost any day in the year.

MY OFFER Send a club of 3 subscribers at 25 cents each, $2.00, and I will send you a Eureka Kitchen Set all charges paid. Mention JAN. 1, UP-TO-DATE.

It is easy to get subscribers to Up-to-Date Farming, when the people know there is such a paper. You can get a subscriber in nearly every farm or village home.

J. A.EVERITT, Editor Up-to-Date Farming.



BUCKEYE 50 EGG INCUBATOR $6

Simple, self-regulating, complete. Guaranteed to hatch every hatchable egg. Sold on 40 days trial with money back in case of failure. 150,000 in use. If your dealer doesn't keep them write to us. We'll send you our catalogue and two books, "Making Money the Buckeye Way" and "51 Chicks from 50 Eggs," Free.
THE BUCKEYE INCUBATOR CO., 512 W. Euclid Avenue, Springfield, Ohio.

Builders of Buckeye Portable Poultry Houses Sold Cheaper Than You Can Build Them.

125 EGG Mankato Incubator $7.25



245-EGG, ONLY $9.90

The high-grade hatcher now down to bedrock price. Well built of best material. Has double walls, heavy copper hot-water tank and boiler, self-regulator, nursery, high legs, safety lamp, egg tester, thermometer, etc. None better at any price. Sold direct from factory under binding guarantee and long-term trial. The result of 16 years' experience with incubators and raising poultry. **Brooders for 120 Chicks, $2.25; for 240, $3.50 and up.** Write at once for big free catalogue and poultry book.
MANKATO INCUBATOR CO., BOX 651, MANKATO, MINN.



125 Egg Incubator and Brooder Both For $10

If ordered together we send both for $10. Freight paid east of Rockies. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them. Send for it today.
Wisconsin Incubator Co.,
Box 96, Racine, Wis.

Quality Higher—Price Lower



Tried and Proven for 17 Years

We beat them all again. Get our DIRECT-TO-YOU proposition, low prices, and BIG FREE BOOK on **SUCCESSFUL** Incubators and Brooders before you buy anywhere this year—the greatest value ever offered. Catalog FREE—send name. If you want a book on "Proper Care of Chicks, Ducks, Turkeys"—send 10 cents.
Des Moines Incubator Co. 153 Second St., Des Moines, Ia.



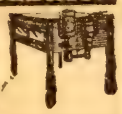
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140 EGG INCUBATOR and 140 CHICK BROODER

The incubator is California Redwood, covered with asbestos and galvanized iron; has triple walls, copper tank; nursery; egg tester, thermometer, ready to use. **30 Days' Trial**—money back if not O. K. Write for Free Catalog today. **Both For $10**
Ironclad Incubator Co., Dept. 48 Racine, Wis.

Five years for $1.00 OR A Club of 5, one Year Each $1.00

Build Your Own Incubator



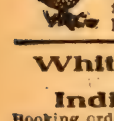
I want to send every poultry raiser my large free book on home incubator construction. I want to show you how my patented Lamps, Thermostats-Tanks, Egg Trays, Wicks etc. will save you money. All sizes, latest exclusive improvements. Used by the leading poultrymen of America. Write for free book of incubator plans today.
H. M. Sheer, Dept. 28, Quincy, Ill.



PFILE'S 65 VARIETIES

LAND AND WATER FOWLS. Farm-raised Stock, with EGGS in season. Send 2 cents for my valuable illustrated descriptive POULTRY BOOK for 1911. Write today.
HENRY PFILE, Box 615, Freeport, Ill.

BEEKEEPING its pleasures and profits, is the theme of that excellent and handsomely illustrated magazine, GLEANINGS IN BEE CULTURE. We send it for six months on trial for twenty-five cents, and also send free a 64-page book on bees and our bee supply catalogue to all who name this paper. THE A. I. ROOT CO., Box 96. Medina, O.



48 BREEDS Fine pure bred chickens, ducks, geese and turkeys. Northern raised, hardy and very beautiful. Fowls, eggs and incubators at low prices. America's greatest poultry farm. Send 4c for fine 80-page 17th Annual Poultry Book.
R. F. NEUBERT, Box 818, Mankato, Minn.

White Plymouth Rocks
CORRECT TYPE
Indian Runner Ducks
Booking orders now for Duck Eggs to be delivered next spring. Send in your orders.
J. E. BOWE, Judge, Box M, Fortville, Indiana



200 Egg Incubator $3.00

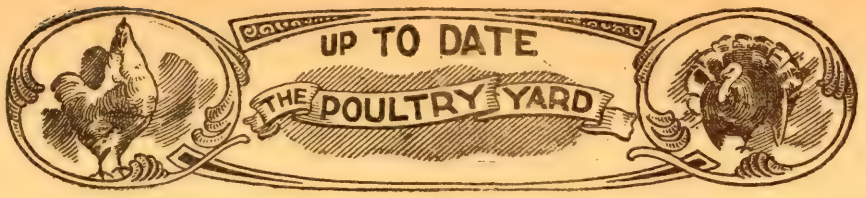
No freight to pay. Actual hen in Natural Hen Incubator heats, ventilates, controls everything. No lamp, no costly mistakes. Best hatcher in the world. Agents Wanted. Catalog free. H. H. I. Co., 1348 Constance St., Dept. 70, Los Angeles, Cal.

Foy's Big Book, Money in Poultry



AND SQUABS. Tells how to start in small and grow big. Describes largest pure-bred Poultry Farm in the world, and gives a great mass of useful information about poultry. *Lowest prices on fowls, eggs, incubators, brooders.* Mailed 4c. F. FOY, Box 45, Des Moines Ia.

We Pay $36 A WEEK and expenses to men with rigs to introduce poultry compound. Year's contract. Imperial Mfg. Co. Dep. 57, Parsons, Kan.



The Cackle Jingles

There's a cackle in the hen house,
Just a cackle, nothing more;
The sound is quite familiar,
For we've heard it oft before.
But it has a sort of jingle
That was absent years ago,
Rings decidedly metallic—
Wonder what can make it so?
"Why, the eggs have money in them,"
Little Verdie quickly cried;
"But we sell them without breaking,
And the money's all inside!"

THE SCRATCHING SHED

As cheap a building as can be made on the farm is a scratching shed for the hens. Hens must scratch or they cannot live natural lives, and they must live natural lives or they need not be expected to lay many eggs. The scratching shed is a place for them to live in in bad weather. Hens that, to get exercise and scratch for food that it is their nature to hunt for, must wade in snow and slush, or even in mud, and slush without the snow, need not be depended upon for eggs.

Within the scratching shed should be covered with litter of some kind—cut straw, or clover or pea hay; and some kind of grain feed should be scattered in this litter every day. The litter itself should be renewed once or twice a week. In a corner fresh, clean water should be kept, and in another corner the ground should be kept forked up and dusty for a dust bath; and there should also be a supply of grit or gravel, and ashes mixed with charcoal. This latter may be kept in the dust bath corner. Coal ashes are about as good as wood ashes. In the latter bits of cinders take the place of the charcoal.

We like for the scratching shed to face the south or east, which should be kept open or screened with netting, the other side and ends to be closed. Don't be stingy as to its size.

GUINEAS AS LAYERS

THE guinea hen is a greater layer than is usually supposed. An experienced writer in the Journal fo Agriculture says their wild nature prompts them to hide their nests, and in these hidden nests during the laying season, which is between April and August, a single hen will lay from 60 to 70 eggs. These nests are not very difficult to find, however, and the egs may be gathered as laid. When this is done the guineas will continue to lay until each hen may have laid as many as a hundred eggs. A flock of half a dozen guinea hens may lay enough eggs during the spring and summer to hatch out three or four hundred guineas. The male remains near the nest during the period of incubation, and keeps a faithful watch for enemies, of the approach of which he gives notice in an unmistakeable cry. He also assists in caring for the young ones after they are hatched.

HALF AND HALF

FOR best winter results a prominent poultry raiser prefers that his flock should be one-half pullets and one-half yearling hens. He thinks this guarantees a more uniform number of eggs during the fall, winter and spring. A hen is likely to occasionally take a rest of a few days, and about that time an ambitious pullet is likely to supply the deficiency; and should a pullet become discouraged and feel that she is doing more than her share at her age, a sober hen may just then be inclined to "pursue the even tenor of her way," and no gap is left in the egg production.

This is not all imagination. Experiments have shown that flocks thus made up somehow more perfectly meet the defects of each other, and maintain a more steady egg production.

WHAT KIND ARE YOU BREEDING?

EVERY day or two the papers tell us of the payment of an enormous price for some particular animal. It may be a horse, a cow, a hog, or even a fowl. Why the enormous price? Because it was the BEST of its kind.

What kind of stock are you breeding? Is it not just as easy to have, in general terms, the best? You may not hope to have what will win the special prices we read of, but good stock always brings better prices than that which is conceded to be inferior, and that difference in price is clear gain, for it is no more expensive or difficult to raise good stuff than bad after the start for the good is obtained.

Everyone's ambition is to succeed, and to gratify that ambition the means must be availed of. In stock raising, as in planting seed, the scrub or the inferior should never satisfy. What does a few cents additional cost of seed amount to compared with a crop of possibly double value; and how can one estimate the cost of superior breeding against a fine animal compared to a scrub?

We care not what the line, the scrub is a back number, and everybody has discovered it, unless it be Uncle Threadbare. We are glad to see on the progressive farms,, especially that of Neighbor Thrifty, as fine animals as may be found in the show rings. All that is required to produce them is good judgment, good blood, good care and favorable conditions, and these should always accompany every effort. People are catching on, and realize that the most valuable package is the one that has the most valuable commodity in it, even though it may be the skin of a horse or a cow.

FEED AND EGGS

SOME farmers' wives, and they are not infrequently backed up by the farmers who own the cribs, believe that when hens can get plenty of grass and "bugs," they do not need any other feed. But if hens continue to lay they must have something to make the eggs of, and what they eat must not only be enough to satisfy the demands of their bodies and the work they are doing, but it must contain the substances eggs are made of. It is more cruel to expect hens to lay without proper and and abundant feed than it was for the Egyptians to require the Israelites to make brick without straw. If you expect eggs furnish the material.

THE VARIETY FEED FOR WINTER

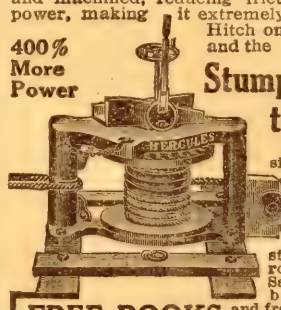
POULTRY must have a variety of feed. This is as true in winter as it is in summer. In summer they get the variety on the range. In winter it must be supplied them. Apple pealings and cores are good so far as they go. Boiled potatoes serve a fine purpose. Pumpkins and squashes cut open and left for the hens to pick it will be useful; cooked and mixed with the morning mash they are still better. Turnips chopped up fine are very good. Cabbage leaves will be eagerly eaten if given the fowls in a proper way. But the best of all is a patch of rye for them to run on in open and pleasant weather.

This forms a fair list of vegetable variety feeds, and they must be saved and preserved for winter use. Freezing spoils any of the feeds we have named. The variety must be made complete by an occasional feed of meat scraps, and access to lime and gravel, ashes, etc. We have not mentioned the grains and like substances, for they come as a matter of course. The profit in winter is in eggs, and to get them it is necessary to feed for them.

Use a HERCULES
All-Steel Triple-Power
Stump Puller on 30 Days' Free Trial

Clear up your stumpy fields at our risk now with a famous Hercules on 30 days' Free Trial. Test it on your place at our risk. Pulls stumps out, roots and all. 400% stronger than any other puller made. Triple power attachment means one-third greater pull. The **only** stump puller guaranteed for 3 years. **Only** one with Double Safety Ratchets. **Only** one with all bearings and working parts turned, finished and machined, reducing friction, increasing power, making it extremely light-running. Hitch on to any stump and the

400% More Power



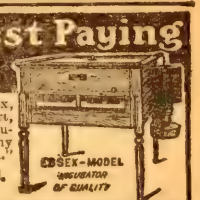
Stump is Bound to Come

Also pulls largest-sized green trees, hedgerows, etc. Don't risk dangerous and costly dynamite. It only shatters stump and leaves roots in ground. Save big money by getting our special proposition to first buyers where we have no agents. Write us a postal card today. Address and free trial offer. Also **FREE BOOKS**

HERCULES MANUFACTURING CO.
160 17th Street, Centerville, Iowa

155 Egg Incubator $11.25 Chick Brooder
FREIGHT PREPAID (East of Rockies)
The Progressive has cold rolled copper tank, hot water heat, double disc regulator, self ventilating, deep nursery, high legs, double doors, safety lamp. It is made from Special Heat and Cold Resisting Material with hundreds of dead air cells. *Write today.*
PROGRESSIVE INCUBATOR CO., Box 146 Racine, Wis.
G. C. WHEELER, Manager.

Poultry the Best Paying Branch of Farming



The 1911 catalog by Robert H. Essex, poultry and incubator expert, will start you right. Improved incubators and brooders. Read "Why Some Succeed Where others Fail."
ROBERT ESSEX INCUBATOR CO.
79 HENRY ST., BUFFALO, N. Y.

SHOEMAKER'S BOOK on POULTRY



and Almanac for 1911 has 224 pages with many colored plates of fowls true to life. It tells all about chickens, their prices, their care, diseases and remedies. All about Incubators, their prices and their operation. All about poultry houses and how to build them. It's an encyclopedia of chickendom. You need it. Only 15c.
C. C. SHOEMAKER, Box 930. Freeport, Ill.

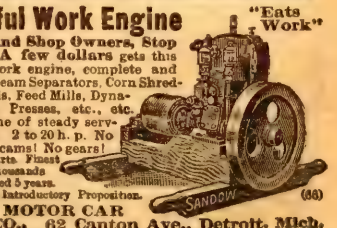
Greider's Fine Catalogue



of pure bred poultry, for 1911, over 200 pages, 57 colored pictures of fowls, calendar for each month, illustrations, descriptions, photos, incubators, brooders, and all details concerning the business, where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. Send 15c. B. H. GREIDER, Box 46, RHEEMS, PA.

Let SANDOW Run It!

Wonderful Work Engine "Eats Work"



Farmers and Shop Owners, Stop Sweating! A few dollars gets this grand little work engine, complete and ready to run Cream Separators, Corn Shredders, Grist Mills, Feed Mills, Dynamos, Printing Presses, etc., etc. Gives a lifetime of steady service! All Sizes: 2 to 20 h. p. No cranking! No cams! No gears! Only 3 moving parts. Finest construction. Thousands in use. Guaranteed 5 years. Write for Special Introductory Proposition. (88)
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FOR ONE DOLLAR
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You will save money. The advertiser will do more business and increase his advertisement. This gives us more money to make a larger, better paper—to carry more advertisements—to save you more money—to increase the business of advertisers and enable them to enlarge their advertisements. Again we will increase number of pages, etc.

Your purchases will help—no matter how small. Send for catalogs; ask for particulars

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Our new prices are based on this enormous output. Prices the lowest ever made for a high grade fence. We can

Save You 5 to 15 Cents a Rod



and you'll say it is the best fence you ever used. Easiest put up, lasts longest and is the strongest fence made. Sell to user at

Dealers Prices Freight Prepaid

Don't buy fence AT ANY PRICE before getting our prices. They will surprise you. We give customers **30 Days Free Trial** that they may be sure they are satisfied. Full line of Farm and Poultry Fence. Very low prices on BARBED WIRE and GATES. Write for Free Catalogue.



COILED SPRING FENCE COMPANY,

Box 88 WINCHESTER, INDIANA.

BROWN FENCE

WE PAY THE FREIGHT

Heaviest Fence Made
Heaviest Galvanizing

We make 160 styles. Horse cattle, sheep, hog, and bull proof fences made of No. 9 double galvanized wires and absolutely rust proof

Bargain Prices:
14 cents per Rod Up

Poultry and Rabbit Proof Fences, Lawn Fences and Gates. Send for Catalog and Free sample for test.

The Brown Fence & Wire Co.
Dept. 70 Cleveland, Ohio

SAMPLE FREE

EMPIRE FENCE

Get the genuine EMPIRE big wire fence, direct, at wholesale. Save dealer's profits.

Big Factory, Big Sales, 23 Styles

No traveling salesmen, small expense, prices low. Everything guaranteed. Free samples by mail. Prices of leading styles freight prepaid to all points north of the Ohio and east of the Mississippi River:—

Wires	Inches high	Medium Weight	Extra heavy (all No. 9)
9	39	23c per rod	37c per rod
10	47	26c per rod	41c per rod
12	55	32c per rod	49c per rod

Special rates beyond this territory.

BOND STEEL POST CO., 31 E. Maumee St., Adrian, Mich.

FARM FENCE

13¾ cts. a rod

For a 20-inch or 15 cts. for 26 in. Hog Fence; 28 cts. for 50-inch poultry fence. Sold direct to the farmer on 30 DAYS FREE TRIAL. Special barb wire, 80-rod spool, $1.55. Catalog free.

INTERLOCKING FENCE CO.
BOX 45 MORTON, ILLINOIS.

Don't Rust Farm Fence

Extra heavily galvanized. Sold direct to farmers at manufacturers' prices. 30 days' free trial. Freight prepaid. Also Poultry and Ornamental Wire and Iron Fences. Catalogue free. Write for special offer.
The Ward Fence Co.,
Box 331 Decatur, Ind.

48 IN. FENCE a rod 25c

Best high carbon coiled steel wire. Easy to stretch over hills and hollows. FREE Catalog—fences, tools. Buy from factory at wholesale prices. Write today to Box 71

MASON FENCE CO., LEESBURG, O.

LAWN FENCE

Many Styles. Sold on trial at wholesale prices. Save 20 to 30 per cent. Illustrated Catalogue free. Write today.

KITSELMAN BROS.
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Many designs. Cheap as wood. 32 page Catalogue free. Special Prices to Churches and Cemeteries.

Coiled Spring Fence Co.
Box 418 Winchester, Ind.

WHEN YOU WRITE

to an advertiser always take special care to

WRITE YOUR NAME PLAINLY

including the full address. You know what you mean but no one else does unless he can read it. Many mistakes and delays occur because names and addresses are not written plainly. Print it if you can't write good.

THE ORPINGTONS

WE are asked to give an account of the origin of the Orpingtons, a now justly popular fowl. As in most of such cases, the origin is somewhat in dispute. In fact, the different varieties of Orpingtons seem to have different origins, some of them apparently not being at all related. The varieties are Black, Buff, White, Spangled. As the Black is the variety most generally known, we shall devote our present space to that variety.

The Black Orpingtons were originated by William Cook of England, who then lived at Orpington in Kent, hence the name Orpington. Mr. Cook himself gives the following account of the origin of the fowl:

"I commenced mating Minorca cocks with Black Rock hens, then Langshan cock to the above hens. I may mention that I used birds which exhibitors would have termed useless—Minorca cocks withered in their ear-lobes, which caused them to be unsuitable for breeding pure birds; the Black Plymouth Rock hens thrown on one side by exhibitors as being sports only from the grey; and the clean-legged Lang-Shans, of no use whatever to breed birds such as were required by the standard of the Langshan Club at that time. Such birds as these were put on one side for laying purposes or for the pot."

This origin, it must be confessed, does not seem very aristocratic, but Mr. Cook, and other breeders as well, claim that no doubt, better results were obtained from these inferior birds than might have been obtained from fancy show birds. They were inferior in points, but perhaps not in vigor and usefulness, and the mating was such as to emphasize the vigor and usefulness, and the points of the varieties used were not cared for. Other points were sought and fixed.

The Black Orpington was introduced into this country in 1886, and sprang into almost immediate popularity. That happened to be a time when our breeders were hungry for a new variety, and they seized upon the Black Orpington as giving them an opportunity for experiment and improvement, and in that they have made good. The Black Orpington in America today is greatly superior to the bird that brought that name from England. It is a large, bulky fowl, hardy, but not a very rapid grower. Its flesh is grayish-white in color, but it is fine and delicate in skin. It fattens fairly well, and the hens are good layers, especially in winter. For general purposes, particularly where there is not abundant range, the Black Orpington is a very desirable fowl. The hens are good setters and mothers.

LEAN FOWLS ARE POOR SELLERS

IT is a great waste to market any live thing that is not fat, especially if it sells by weight. An exchange gives the following hints for fattening fowls:

Turkeys do not bear confinement well enough for close pen fattening. They should be allowed liberty up to the time of marketing. But chickens of all kinds intended for market should be confined either in coops or close pens. Begin the feeding gradually. Do not feed them all they will eat at one feed for the first days. Keep the appetite keen, but as they become used to confinement and heavier feed, increase the amount at each feed till during the last days they are given all they will clean up three times daily.

For prime finishing of poultry, skim milk and ground corn are perhaps the best feeds. In connection with these, or where milk is not to be had in sufficient quantity, feed wheat, oats and green stuff. Give plenty of water and grit, and watch them closely. At the end of ten days or two weeks, if they seem to take on no more fat, then is the time to dispose of them at the greatest profit, as further feeding will not result in material gains.

One of the leading inventors and designors of the automobile world set himself the task of making a perfect farmer's car. It is natural to presume that a farmer's car should be different from the city man's. It is used harder. It is a business car where the city car is for pleasure mainly. The result is the Maxwell model I touring car made by the Maxwell-Briscoe Motor Co., Hess St., Tarrytown, N. Y. Every farmer should know about this farmer's car. Send for free booklet explaining. Write a postal card as above.

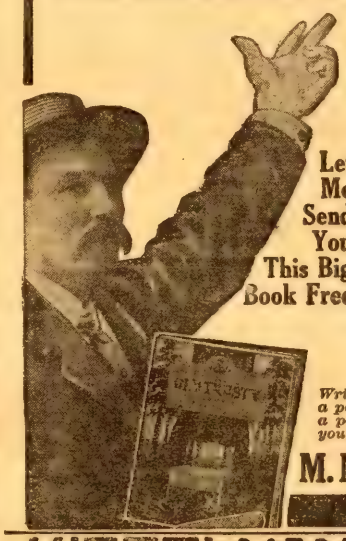
My 1911 Book Ready —Send Name

—Proves Why My Low Prices on 100,000 Machines Make Me Only 7 Per Cent on

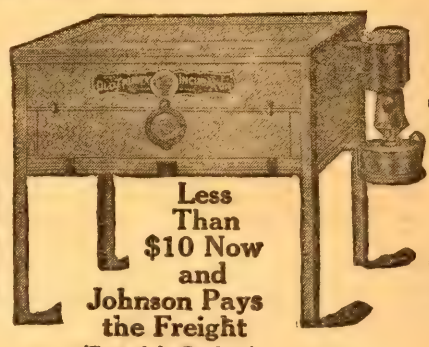
Let me send you my big, new, 1911 Old Trusty book and confidential personal letter right away. Tells you how much less than $10 I charge you this year for one of my world-famous Old Trusty Incubators—freight prepaid east of the Rockies. You see, I'm working on 100,000 machines this year on a makers profit of only 7% or less, so I can put the price way down even though I always keep up my highest standard in workmanship, materials, and guarantee 80% hatches or better. And my 10-year High-Quality Guarantee is Johnson's—backed by all Johnson's property, cash, factories and

OLD TRUSTY

a lifetime reputation for square deal on Old Trustys. When I made only 50,000 Old Trustys I had to charge 16⅔ profit, but chicken raisers, both beginners and experts, have bought so many Incubators from me that they forced my factory capacity up to 100,000 and I'm giving it back to my customers by keeping only 7% or less, profit now on each machine. Old Trusty is better and surer than ever this year. Handsomely metal encased and asbestos lined. Hundreds of thousands in successful use now—3 times as many as any other made.



Let Me Send You This Big Book Free



Less Than $10 Now and Johnson Pays the Freight
(East of the Rockies)

30, 60, or 90 Days' Trial

10 Year Guarantee

Write today for my big book—hundreds of photographs and every page a poultry sermon easy to follow for big profits. Send a letter, or write a postal and send it by first mail. Take Johnson's word for it, you cannot spend a little postage to such good advantage. Address

M. M. JOHNSON, Incubator Man Clay Center, Neb.

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$1.45 80 ROD SPOOL BARBED WIRE

This is our celebrated Ideal Barbed Wire made of two No. 14 Galvanized steel wires with two point barbs 3 inches apart. All weights and styles at proportionate prices.

This is but one of 75 styles and heights of both square and diamond mesh farm hog and poultry fence shown in Catalog

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Victor quality tells in the hatches. Right principles, right materials, right building, right ventilation, right regulation, mean more chicks and greater profit. Victor quality costs but little more and the difference on one or two hatches more than pays it. Write us first. We can save you money. The materials we are putting into our machines this season, we bought one, two or three years ago, before the present high prices. We do by machinery what others do by hand labor. The result is a lower price to you for the same quality of machine.

We use seasoned lumber, we put heavy copper into our tanks and boilers. We build carefully—our doors fit and close tightly, our lamps burn clear and bright, our regulator keeps the temperature at 103 degrees no matter how cold the weather. When you get the Victor, you get machines that will hatch and raise chickens. Estab. 1867. **Geo. Ertel Co., 139 Kentucky St., Quincy, Ill.**

This is stove time. You know now how much coal or wood that old stove uses and the little heat it returns. Get a stove that does not "eat up" the fuel but returns good heat for every ounce you put on. Get a Kalamazoo "direct to you." Get the big Kalamazoo catalogue No. 290 explaining their 30 days free trial, and a full years approval test. Write Kalamazoo Stove Co., Kalamazoo, Michigan. Ask for catalogue 290.

Did As She Told Him

"For goodness' sake, John, how long did you boil these eggs? They are as hard as bones."

"Just as long as you told me to, nine minutes."

"No, I told you three minutes."

"Well, there were three eggs, and ain't three times three nine?"

Black Hawk Corn Sheller

$1.75

It is the standard. Everybody has heard of the famous BLACK HAWK SHELLER, hence we need not say much about them. This is absolutely the highest grade sheller on the market. Made of best material. Separates cobs from corn. Runs easy. Practically indestructible. Our *Special Price* only

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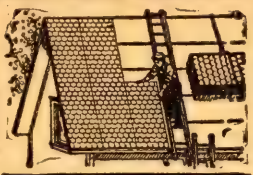
A good first-class sheller will save its cost in a week's use.

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These Steel Shingles Are Guaranteed

Against Lightning!

We stand ready to make good this olaim with a $10,000 guarantee bond.



Edwards Interlocking "REO" Steel Shingles

are stamped in best Bessemer steel and come in sheets 5 to 12 feet long and 24 inches wide. Patent interlocking device gives absolutely moisture-proof seams, which will not bulge or pull apart.

Easy for Anyone to Lay

You can lay Edwards Interlocking "Reo" Steel Shingles yourself on any sort of roof. Hammer only tool needed. Can be laid on rafter boards or old shingles. Look well on building.

Write for FREE Catalog No. 161

We are the largest manufacturers of all kinds of iron and steel roofing and sell to you at lowest prices. Our free catalog contains valuable information. Send dimensions of your building and we will quote you exact cost of a "Reo" Steel Shingle roof delivered to your station.

We want one representative in every community to take orders for Edwards Interlocking "Reo" Steel Shingles. Write today.

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is a heavy yield, but that's what John Kennedy of Edmonton, Alberta, Western Canada, got from 40 acres of Spring Wheat in 1910. Reports from other districts in that province showed other excellent results—such as 4,000 bushels of wheat from 120 acres, or 33⅓ bushels per acre. 25, 30 and 40-bushel yields were numerous. As high as 132 bushels of oats to the acre were threshed from Alberta fields.



THE SILVER CUP

at the recent Spokane Fair was awarded to the Alberta Government for its exhibit of grains, grasses and vegetables. Reports of excellent yields for 1910 come also from Saskatchewan and Manitoba in Western Canada.



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GEESE AND PROFITS

MRS. A. C. McPherson of Ohio, believes that geese can be made as profitable as any other poultry; or, in fact, as any stock grown on the farm. She claims that 100 per cent. profit can be realized on geese grown purely for market, and more than that where feathers are also made a consideration.

Geese are bad to find a way out of their lot or pasture, and during the old days of the rail fence, this prejudiced farmers against them, but the modern woven wire fence completely obliterates this trouble. A fence made of woven wire of the right mesh makes the goose enclosure absolutely secure, and removes this old time objection.

A flock of 100 geese, says Mrs. McPherson, can be made ready for market on the same amount of corn that would be required to fatten one hog. Therefore, the farm that depends upon cattle, horses and hogs for its profit yielding agencies, must be ignoring some things that are even more profitable. There are not as many geese raised now as there were formerly. Fifteen or twenty years ago, geese were seen on almost every farm, but now one may travel miles in thickly populated farm sections, and never see a goose. And the demand is better and prices higher than they were in the other days.

Besides, there are different varieties of geese to choose from now. Then there was only the little gray or pided goose and white gander. The Toulouse or Emden are as different from these as the Poland-China is different from the old hazelsplitter hog. We fully agree that there are profits in goose culture.

HAY FOR THE POULTRY

IT is wonderful what new ideas are taking hold of the people. Ten years ago if one had suggested providing hay for the chickens, it would have been thought an extremely silly proposition. Now it is a common thing. Clover hay, pea hay and millet are most valuable things to put in the scratching shed, and the hens will very soon become as eager for them as the cattle are. They will not eat the stalks as the cattle do, but they will work among them industriously, and they will get leaves and seeds that will abundantly reward them and their owners. Each day or two the shed should be cleaned out and a new supply given. If the worked over hay taken from the shed, be thrown into the calf or cow lot much of it will be consumed by these animals.

Feeding Late

Look well to your colonies to see if they have sufficient stores to carry them through the winter. Strong colonies especialy need an abundance of stores. For *outdoor* wintering we would have not less than 20 lbs., and, better, 25 lbs. of sealed stores to a strong colony in a ten-frame hive. Weaker colonies will, of course, get along with proportionately less. For indoor wintering we usually figure on having about from one-half to two-thirds the amount that we give to outdoor bees.

If you find colonies short of stores, the best thing to do is to give them combs of sealed honey. If these are not to be had, feed sugar syrup made out of cane sugar, two parts sugar to one part of water by bulk.

Poultry Chit-Chat

By Mrs. J. B. Howe, Fortville, Ind.

The closing in of the fowls for winter is quite a momentous happening in their lives. Wisely done, it leads on to fortune, both for them and for their owners.

Unwisely done, like the tide spoken of in Shakespeare, it ends in shoals of ill luck and disappointment.

It is a great change from the grassy fields, teeming with insect life and abounding with every thing which tends to make existence complete and enjoyable for them; to the stilled quarters of an ordinary poultry house; but if the weather is very cold or changeable, or the snow deep, it is the best and only way of keeping the combs from frost and the fowls in comfort.

It is also the only way by which one can realize a return in profit for the outlay of feed and care of the flock.

It is not wise nor profitable to pen the pullets and hens together for the amount of food, as well as the quality of same, which would put the pullets in fine flesh and condition for laying; would be entirely too generous and two stimulating for the older birds. Old hens lay on fat, and contract disease, chief among which is liver complaint, from too rich, generous and stimulating a diet, while it is difficult to overfeed pullets that have begun laying.

Unless a hen is very valuable as a breeder, layer or even a mother, she has generally out-grown her usefulness after the third year; some say after the second year; but in our own flock are hens, over three years of age, which are far too valuable to us, for the huckster to claim them.

To the early hatched pullets however, and the early moulted yearling hens, we must mainly look for our winter supply of eggs; and these should be cooped separately, in numbers of, say about 40 to each house of 8 or 10x16 feet dimensions.

The pullets, especially, should then be fed a rich and varied diet with plenty of water, grit, granulated bone charcoal and some kind of green stuff. If only one or even two flocks are kept this green stuff can often be provided in the vegetable parings, small refuse potatoes, apples, cabbage, turnips, etc., which naturally accumulate in any kitchen; lacking these, clover or alfalfa, may with profit be utilized.

This can be cut in 1-2 inch pieces and steamed or boiled, or even fed raw, we prefer to grind it fine, and mix it with the morning mash.

In this way it is greedily eaten by the fowls. It is bulky, it is nutritious, and it is rich in the protein element which contributes so largely to growth, to development, and to egg production. It is essential to introduce the pullets gradually to a heavy egg producing diet, else they are apt to lay a few eggs and go into a moult. This of course, arrests the egg production for a month or six weeks if not longer.

If fed gradually, introducing the richer elements, such as beef scrap, linseed meal, gluten, etc., one at a time, beginning with the clover and bran, alone, they grow accustomed to it and keep steadily at the desired work, without needless interruption.

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of this number, 25 copies for 25 cents by mail. If it was valuable to you it will be to your friends. Send silver or stamps.

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Land right next to it is selling today at $17.50 an acre. I must sell this 60 acres at once. I offer a big discount for a quick cash deal.

Write me at once if you want a great big bargain in real estate in a section where you can enjoy life every day in the year.

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Attorney-at-Law, Indianapolis, Ind.

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I am writing to say that I have used your Farmers Meat Salter and find it will do all you claim for it. It enables one to place the salt solution where decomposition first begins —around the bone. You cannot attain this by any other method, so I unhesitatingly recommend your instrument to anyone desiring to cure joints of meat.

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Ask your dealer or send $3.00 for one by mail, to

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sews shoes, harness, belts, rugs, gloves, etc., etc. A time and money saver in every household, on every farm, for every teamster. Curved and straight needles. Can be carried in the pocket. Always ready to mend a rip or tear. Saves trips to town. Will make it unnecessary to buy many new things.

My Offer Send 75 cents and I will send UP-TO-DATE FARMING one year and one Myer's Farmers Lock Stitch Awl all postpaid. Or send $1.00 and four subscribers for one year each and I will send one Awl to you. Mention JAN. 1, UP-TO-DATE.

J. A. EVERITT, Editor, INDIANAPOLIS, IND

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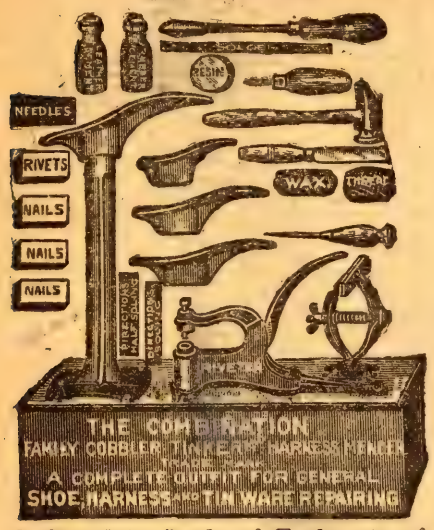
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We received the Family Grist Mill, and find it as represented. Would not sell it at any price, if I could not get another. Our neighbors think it a grand mill, and you will get several orders from our town.
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The standard and lasts are malleable iron and will never break. Beware of other sets with grey iron stands and lasts which are sure to break unless extreme caution is always observed. We are the only people offering the malleable, that we know of, and at no higher price.

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Securely packed in wooden box for shipment by freight.

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EQUITY PUBLISHING CO., Indianapolis, Indiana

REQUEST *ADVERTISERS WANT TO* *Know in what Paper seen. Therefore We* **TO** *their Advertisement was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

The Beauty of Equity

H. GARD

Harry Webster labored under a fit of the blues from fool's day till fool's day. His blues had perpetual motion. His shoulders showed it. They were humped and dished down. His head scarcely sprouted above them. His eyes hadn't a bit of sparkle. The last embers of his imagination had died away. He shaved only once a moon-round and not very clean then. Every Saturday he bought four loayes of bread and a ten cent plug of tobacco. His teeth were a dirty saffron and the creases around his mouth a dull clay color from the rivulets of tobacco juice that meandered down his chin.

Harry worked on his father's farm. 'Twas an indulgent father too, who let his son do about as he "dam pleased," so a neighbor said. He loved his work as a rat loves a cat. He dragged himself to the work, and plodded like a snail going to the gallows; he piddled, did the chores and that's about all.

Mrs. Webster had kidney trouble. Her back had the toothache all the time. She weighed less than 87 in the shade. She couldn't walk, she crept. That tired feeling usurped her soul, she had no appetite, she read not, she ate but little and thought her husband should eat no more than she. He didn't read either. He hadn't the energy to read so he sat in the corner and chewed tobacco. Every cell in his body was crying out for food. Being short of rations he fooled the cells by chewing tobacco. The minute he took a chew, his taste cells telegraphed the other cells in his body that a car load of food was on the road. But it never got to them. Instead of food they got a choice bit of tobacco juice that had stolen by the gate keeper. It wasn't worth the freight.

His mother-in-law was a peach. She stormed like a Dowie on a forage for funds. Her instructions were given with the finality of "Thus saith the Lord." Listen a minute: "Children must not peep their heads out doors in the winter time." "The windows must not be raised during the cold weather," "It is sacreligious to make a hot-bed on Sunday," "Seeds planted in a hot-bed on Sunday will burn up," "Give your husband's people hell for there is no good in them," "Do not eat anything you can sell." These reeled from her tongue as from a Gatling gun. Mrs. Webster was a chip from the old block. She lorded it over her husband and children. They were dying by inches both physically and mentally. They were sallow and listless as they were pot bound. Once he rose in rebellion. He demanded money with which to buy tobacco. Either you give me that or I leave, said he. I'll leave you and the kids in your squallor. You've taken all the flowers from my life. If it hadn't been for the kids I would have left you long ago. From this mooring she couldn't budge him. This slave with saffron teeth and poisoned blood was enraged to saturation point. Mrs. Webster had three spasms and a chill. He started to leave one night. She knuckled. She would not consent for him to buy books and papers to feed his soul, so he demanded a drug and poison to kill it and got it. When we cannot bask in the sunshine of endeavor and love and improvement, we rot from the lethargy of poisons.

Up the road a little piece lived a Mr. Carter. It requires capital letters to spell his ENERGY. He purchased a piece of land, forty acres I believe. It was clay land and run down: all the better for he laughed at the difficulties. He had an idea. His wife chipped right in with him. They would study all the bulletins of the Experiment stations. They would improve the land, tile it, till it, fertilize it. They would learn to grow things properly, how to double the yield of every crop, how to feed the hogs, how to feed the cows so they could milk the pails full and have to run to the house for another vessel to hold the strippings. They studied hard, they worked harder. The old rooster had to set his alarm clock in the wee hours of the morning, if he managed to crow before these hustlers were up. The birds had lots of competition in their warbling for these merry folks piped many a tune. Their children grew like pigs in clover; they fattened on work, food a plenty, and songs. They could lick the Webster kids with both hands tied behind their backs and yet not half try.

But there was something lacking. While they made money, yet there was a void in their lives. They looked down on the Websters. They had that hauty feeling, "We're above you." Ah, there's the rub. They were proud of their farm, their cows, horses, crops, houses boys and girls, but they were not proud of their community. Their studies had taught them to improve their own farm to a certain extent, which was a splendid thing, but it had not taught them how to make good roads, how to build up the social altar, good schools, good churches, halls for dancing and amusement, for the intermingling and exchanging of ideas and ideals. They lived apart.

"What boots thy virtue, what profits thy parts, when one thing thou lackest, the art of all arts?" The Carters made money because the Websters made none. The Carters and their like feed the world and clothe it too. Mrs. Carter felt the isolation first. "Am I my brother's keeper?" Her heart answered "yes." Her mind planned and studied how she might help him up, keeping both eyes on the Websters all the while. She must find some way to improve not only her farm but her brother's farm, some way to lift up not only her own life but her neighbor's life. She talked to Mr. Carter about it. He said: "Yes, you help everybody improve their farms as ours is improved and the bottom will fall out of prices from overproduction. Prices will be split in two." She was staggered, but her heart strings pulled. Her life went out to the sufferers.

She pondered, she didn't pray, but she read, she listened, she turned the problem over and over as the tedder turns the hay. If production could only be regulated, just enough grown to feed the world and distributed by the growers just as the hungry world called for it, thereby eliminating the middlemen, the gamblers, the grabbers, then, then there would be more money for the farmers, there would be incentive for all. The farmers would receive more money, and yet the hungry would pay less. There would be better roads, better schools, better churches, better society in warp and woof, better music, better neighbors. All would be happy, all would prosper, all would study, be educated, clean, healthy. They would have the means to attend the theatres and concerts and coax the leisure to go. Modern conveniences would tickle their kitchens, their bathrooms, cellars, barns and fields.

'Tis never so dry but the drouth is broken, 'tis never so cold but the warm spring days come and coax the flowers to bloom, 'tis never so hopeless and bereft of light, but the common people marshal their batalions on the side of right, purge the fountains and set the clock of time aright. Mrs Carter found the great helper, EQUITY. She did not study it out by herself. She found the fountain head and her striving, her planning, her yearning for it, had prepared her mind for the truth. It was the one thing lacking, "the art of all arts," this "practice of EQUITY." She took the news to Mrs Webster and was buffeted, But love can no more be cut off than the caress of spring. It melts the flintiest heart.

Mrs. Webster is a bright little woman today. Mr. Webster goes to the fields with a light heart and a brisk step. They are students now. They study how to make things grow, but above all, how to market them with equity and profit. They study how to distribute the fruits of the soil right from the loving hands that grow it to the hungry mouths that crave it, to the hungry ones who go down to the sea in ships, who delve into the earth for fuel and metal, to the hungry ones who live in the slums or who sit in the high places. This great problem is under the magnifying glass. The solution is written on the wall to him who reads. It is prevading the world. Its effects will be stupendous. It will equalize traffic, re-distribute the world's work, economize our money, bless the poor, make for the peace of the world. It is as a goddess sowing the seeds of light, of education, of brighter hopes, of sweetened lives. Oh, the glory of it, to-morrow shall be the harvest, aye, to-day, brother, if you will only strive and learn and act. The practice of Equity is no longer a dream. The Carters of the world are carying the news to the Websters.

Let Holden Show You How to Beat the Best of Old Time Corn Crops



We want every farmer who raises a bushel of corn to let us show him how he can raise a bigger corn crop today than he got in the "good old times." If you raise corn at all, this means you. You don't have to go out West, or buy a new farm. Stay right on the old place, plow the old soil. Don't think it is exhausted for corn. Why, it will raise more corn today than it ever did before—a bumper crop such as you never even dreamed of in the old days. Think of raising

75 to 80 Bushels Per Acre

and not work any harder, or any longer, or at any greater cost per acre. Yes that is what you can do. That is what Holden will help you do.

Why will you scrape along, year after year, content with 25 bushels an acre—often less—and try to make yourself believe that is all your land will produce? We know better. We can prove you wrong the very first harvest. If you follow the directions given in

Holden's Corn Secrets

you can increase your crop to 75 or 80 bushels an acre, perhaps more. Think of it—40 to 45 bushels an acre clear gain—possibly $500 to $1,000 additional profit on your corn crop.

Three stalks to a hill and a 14-ounce ear to the stalk—that is the Holden corn gospel. He tells you how to get it in Corn Secrets, but even if you increased your crop by only one ear per hill you would be getting $20 to $25 more per acre for your corn—all absolute clear profit.

Holden has for years been helping corn growers get bigger crops. It is to reach tens of thousands where he has been able personally to reach only hundreds that he writes "Corn Secrets" and enlists Farm Journal with him in this great corn work. Corn Secrets is being read wherever corn is grown and it will open up new territory to this king of all our crops.

How to Get "Corn Secrets"

Down in the right hand corner of this advertisement space is left for your name and address. Attach a $1 bill and mail the coupon to us. That is the easiest way. We take all risk of its safe arrival. For that single dollar we will send you one copy of Corn Secrets, postpaid, and enter your name for a four year subscription to Farm Journal—the standard farm and home monthly. It is nearing the million mark in its lists of subscribers—more than 750,000 now—everyone held there by love for the greatest farm paper ever published. Every issue contains 32 to 80 pages of the cleanest, cleverest, most cheerful, practical kind of reading and helpful information. It is for the Corn Grower, Dairyman, Fruitman, Gardener, Poultryman, the women, boys and girls—and they all read it. Boiled down, much in little, full of gumption—that is every page of Farm Journal. Unlike any other paper and always has been.

Cut Out and Send This Coupon

If sent us in 10 days we will send you our "Poor Richard Revived" Almanac for 1911.

FARM JOURNAL,
133 Clifton St., Philadelphia, Pa.

Here's $1.00; send Farm Journal full 4 years, and copy of Holden's Corn Secrets, postpaid, to

Name .....

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If necessary, Corn Secrets and Farm Journal may be sent to different addresses.

Secretary of Agriculture, Wilson Says That Farmers Will Lose $251,000,000 on Four Crops.

This is what the Secretary said in his advance annual report: "The value of farm products for 1910 show both gains and losses in comparison with 1909. A loss was suffered in wheat of $104,000,000; corn $98,000,000; oats, $26,000,000 and potatoes $23,000,000."

TOTAL LOSS ON THESE FOUR CROPS, $251,000,000.

As a general rule, when a man, or a set of people are remarkably successful in producing they are correspondingly prosperous.

But this rule does not hold good with the farmers. Notwithstanding that they produced 344,876,000 bushels more of these four crops in 1910 than in 1909. Their value, according to the Secretary's report, is a quarter of a billion dollars less.

Think of This:

Over 400 farm papers, a hundred or more agricultural colleges and experiment stations, a farmers institute in nearly every county, a national department of agriculture and every railroad, board of trade, produce exchange and buyer of farm produce are sounding away with trumpet and megaphone as it were: "FARM MORE; FARM BETTER; PRODUCE MORE," and never raise a voice against the system of marketing that delivers the average farmer, body, boots and breeches, to work for the grafters and transportation companies for a poor living in return.

Has anything that you must buy gone down? Have wages gone down? Have taxes been reduced?

COMPARE THE PRICES

Two years ago, also one year ago cash corn in Chicago was 60c; only last March it was 65c; now, Dec. 20, 1910, it is 47c.

Two years ago wheat was $1.02, a year ago $1.08, only last April it was $1.20; now it is 93 cents.

Two years ago the price of oats was 51 1-2c, a year ago 50 1-4c; now it is 33c.

The price of farm land, according to the census reports, has increased 50 to 100 per cent in the various states in ten years. If the prices of farm crops remain as low as they are now, or go lower, this increased value will be largely lost in two years.

A property is valued exactly in proportion to what it will earn.

Six per cent. increase in production will not cause a 25 per cent. decline in prices except. some bad conditions exist.

PRICES MUST BE ELEVATED

The fatal trend of prices, downward, must stop. They must be put back where they were a year ago. If this is not done the end of prosperity on the farms is in sight and the mortgaged farm will soon be the rule again, as it was in the 1890's.

And there is only one way to elevate the prices; it is to curb the dumping of crops on markets already more than fully supplied.

And there is only one way to curb dumping. **It is the way that was successful in 1903 to 1909.**

Farmers must ask the same prices for their crops; they must have the same advice about markets and marketing; they must be directed from one central place; **they must be in a position so they can act as one man.**

A great mass of farmers must be reached before **ONE** can obtain permanent relief from the present bad marketing conditions.

Therefore my appeal is to each present subscriber of UP-TO-DATE FARMING to multiply its circulation until all your nighbors read the paper and can learn the Minimum Prices, fix them in their minds and ask them. Also that they may have exactly the same advice as you have about markets and marketing.

Thus when the minds of a great multitude of farmers are fixed on the same object, that object will, almost automatically, be attained.

DUMPING IS THE CURSE OF AGRICULTURE

Dumping more than the demand needs permits another class of people to compete with you in price-making.

Stop dumping and you will be supreme in price-makng. Dumpng will stop when farmers know the same price.

When I say: "Stop dumping" I don't mean for you to stop marketing. I will show you how easy it will be to stop dumping and will take the enormous, record breaker corn crop of 1910 for my example.

The 1910 corn crop has just been harvested.

It is nearly all in the hands of the producers. It is their's, they own it.

As I write this, December 10, 1910, the visible supply of corn is less than 5,000,000 bushels.

That is: the people who compete with you in price making have only 5,000,000 bushels while you have all of the big crop of 1910, 3,121,000,000 bushels.

Now what would happen if this paper would go to all the corn growers, or half of them, or even one-fourth of them and convince them that they could get 65 cents (basis of Chicago market) for their corn if they will refuse to sell it at the price made by the Chicago Board of Trade?

In a case of this kind, should the people, representing 3,121,000,000 bushels rule, or the people representing 5,000,000 bushels?

But you say: "Oh, there's over 3,000,000,000 bushels to control and we can't do it."

But you are mistaken as I will prove.

In the first place eighty (80) per cent. of the corn crop is fed to stock on the farms. That is, 2,496,000,000 bushels of the 1910 crop will be fed on the farms where it grew.

This part will not enter into the problem at all. It will, of choice or necessity, be controlled on the farms.

(Corn fed to live stock at the present level of values will net about 65 cents a bushel. But, unless the price of corn is put up I believe the price of live stock will certainly go down)

The balance, 20 per cent. is the shipping part. In the 1910 crop it is represented by 649,680,000 bushels.

This is the part that needs to be controlled.

NO VISIBLE SUPPLY NO COMPETITION

But the problem is even simpler than this. The shipping part is never marketed all at once, but gradually. For instance the visible supply of corn has not reached as much as 10,000,000 bushels since in 1907.

Suppose we assume that the visible supply of corn will reach 10,000,000 bushels February 1, without extra control, then we can make the following illustration with the parallel lines:

1910 corn crop, 3,121,000,000 bu.

Fed on the farms, 2,496,800,000 bu.

Shipped, 624,200,000 bu.

Visible supply, 10,000,000 bu.

Compare the visible supply, the part that must be controlled by making an extra effort, with the total crop.

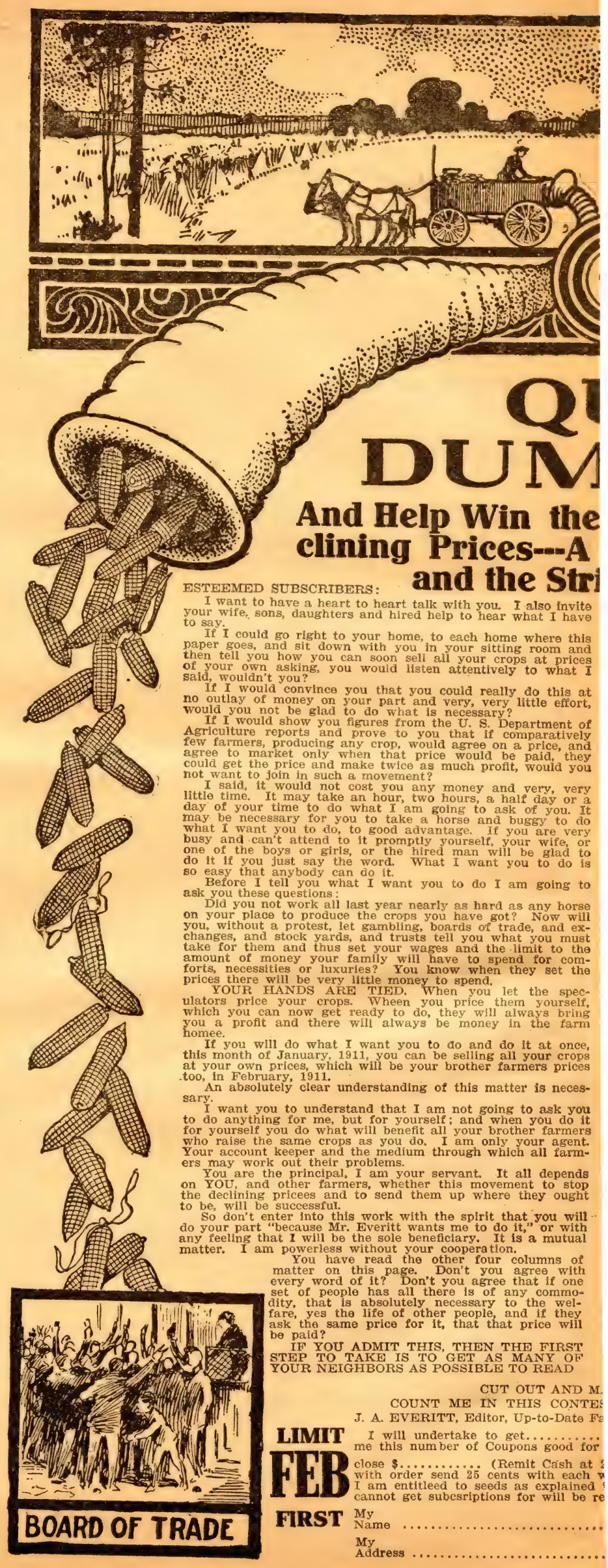
Is it not true, that if there is no visible supply you will not have any competition in price making?

Then if you set your price at 65 cents, and ask it, you will be sure to get it. In such a one-sided contest you know who will win.

My purpose is to make it clear to every person who reads this article that the whole problem of a profitable price, say 65 cents a bushel for the 1910 corn crop, hinges on the visible supply.

If there is no visible supply, or if it is merely nominal; and if corn growers have their minds set on 65 cents a bushel and ask it, then that is bound to be the price.

In a case of this kind, the speculators would have no corn of their own and they would not dare to sell any at 45 cents or any price less than your price,



QU DUM

And Help Win the clining Prices---A and the Stri

ESTEEMED SUBSCRIBERS:

I want to have a heart to heart talk with you. I also invite your wife, sons, daughters and hired help to hear what I have to say.

If I could go right to your home, to each home where this paper goes, and sit down with you in your sitting room and then tell you how you can soon sell all your crops at prices of your own asking, you would listen attentively to what I said, wouldn't you?

If I would convince you that you could really do this at no outlay of money on your part and very, very little effort, would you not be glad to do what is necessary?

If I would show you figures from the U. S. Department of Agriculture reports and prove to you that if comparatively few farmers, producing any crop, would agree on a price, and agree to market only when that price would be paid, they could get the price and make twice as much profit, would you not want to join in such a movement?

I said, it would not cost you any money and very, very little time. It may take an hour, two hours, a half day or a day of your time to do what I am going to ask of you. It may be necessary for you to take a horse and buggy to do what I want you to do, to good advantage. If you are very busy and can't attend to it promptly yourself, your wife, or one of the boys or girls, or the hired man will be glad to do it if you just say the word. What I want you to do is so easy that anybody can do it.

Before I tell you what I want you to do I am going to ask you these questions:

Did you not work all last year nearly as hard as any horse on your place to produce the crops you have got? Now will you, without a protest, let gambling, boards of trade, and exchanges, and stock yards, and trusts tell you what you must take for them and thus set your wages and the limit to the amount of money your family will have to spend for comforts, necessities or luxuries? You know when they set the prices there will be very little money to spend.

YOUR HANDS ARE TIED. When you let the speculators price your crops. Wheen you price them yourself, which you can now get ready to do, they will always bring you a profit and there will always be money in the farm homee.

If you will do what I want you to do and do it at once, this month of January, 1911, you can be selling all your crops at your own prices, which will be your brother farmers prices too, in February, 1911.

An absolutely clear understanding of this matter is necessary.

I want you to understand that I am not going to ask you to do anything for me, but for yourself; and when you do it for yourself you do what will benefit all your brother farmers who raise the same crops as you do. I am only your agent. Your account keeper and the medium through which all farmers may work out their problems.

You are the principal, I am your servant. It all depends on YOU, and other farmers, whether this movement to stop the declining pricees and to send them up where they ought to be, will be successful.

So don't enter into this work with the spirit that you will do your part "because Mr. Everitt wants me to do it," or with any feeling that I will be the sole beneficiary. It is a mutual matter. I am powerless without your cooperation.

You have read the other four columns of matter on this page. Don't you agree with every word of it? Don't you agree that if one set of people has all there is of any commodity, that is absolutely necessary to the welfare, yes the life of other people, and if they ask the same price for it, that that price will be paid?

IF YOU ADMIT THIS, THEN THE FIRST STEP TO TAKE IS TO GET AS MANY OF YOUR NEIGHBORS AS POSSIBLE TO READ

CUT OUT AND M.
COUNT ME IN THIS CONTES
J. A. EVERITT, Editor, Up-to-Date Fa

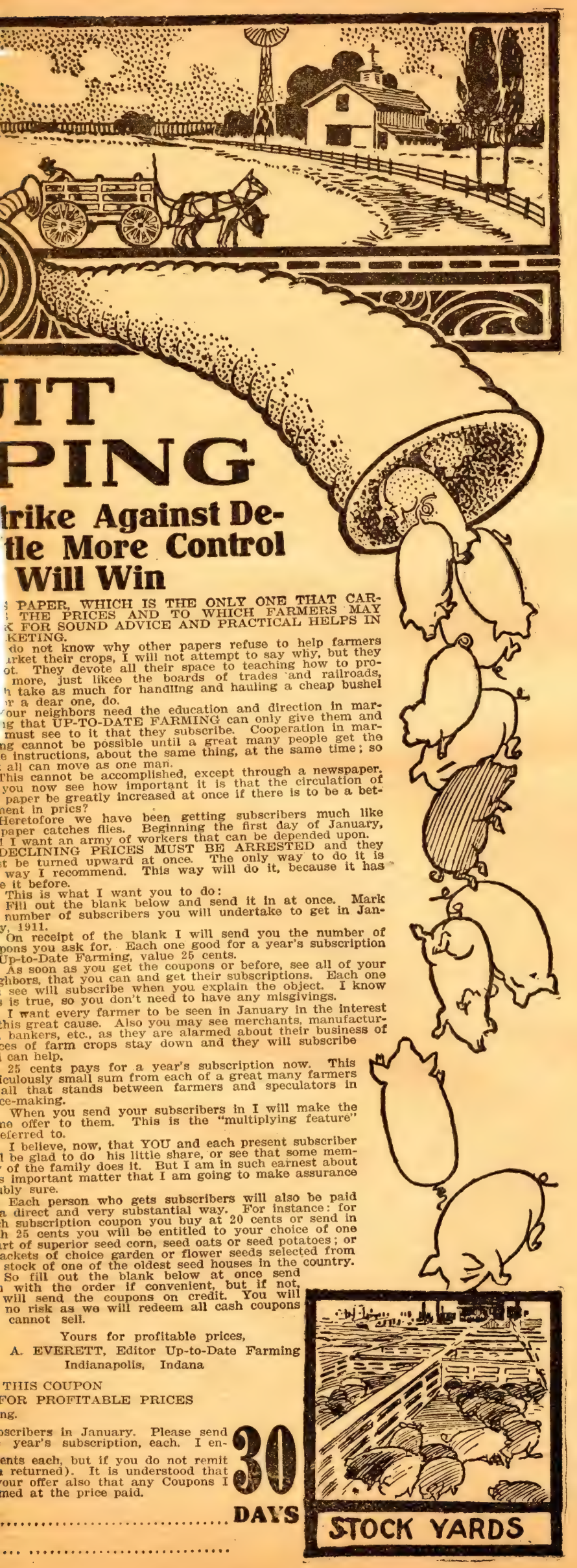
LIMIT
FEB
FIRST

I will undertake to get..... me this number of Coupons good for

close $..... (Remit Cash at with order send 25 cents with each w I am entitleed to seeds as explained cannot get subcsriptions for will be re

My Name .....

My Address .....



IT PING

trike Against De- tle More Control Will Win

PAPER, WHICH IS THE ONLY ONE THAT CAR- THE PRICES AND TO WHICH FARMERS MAY K FOR SOUND ADVICE AND PRACTICAL HELPS IN KETING.

do not know why other papers refuse to help farmers rket their crops, I will not attempt to say why, but they ot. They devote all their space to teaching how to pro- more, just likee the boards of trades and railroads, h take as much for handling and hauling a cheap bushel r a dear one, do.

our neighbors need the education and direction in mar- g that UP-TO-DATE FARMING can only give them and must see to it that they subscribe. Cooperation in mar- ng cannot be possible until a great many people get the e instructions, about the same thing, at the same time; so all can move as one man.

This cannot be accomplished, except through a newspaper. you now see how important it is that the circulation of paper be greatly increased at once if there is to be a bet- nent in prics?

Heretofore we have been getting subscribers much like paper catches flies. Beginning the first day of January, I want an army of workers that can be depended upon. DECLINING PRICES MUST BE ARRESTED and they t be turned upward at once. The only way to do it is way I recommend. This way will do it, because it has e it before.

This is what I want you to do:

Fill out the blank below and send it in at once. Mark number of subscribers you will undertake to get in Jan- y, 1911.

On receipt of the blank I will send you the number of pons you ask for. Each one good for a year's subscription Up-to-Date Farming, value 25 cents.

As soon as you get the coupons or before, see all of your ghbors, that you can and get their subscriptions. Each one see will subscribe when you explain the object. I know is true, so you don't need to have any misgivings.

I want every farmer to be seen in January in the interest this great cause. Also you may see merchants, manufactur- bankers, etc., as they are alarmed about their business of ces of farm crops stay down and they will subscribe can help.

25 cents pays for a year's subscription now. This iculously small sum from each of a great many farmers all that stands between farmers and speculators in ce-making.

When you send your subscribers in I will make the ne offer to them. This is the "multiplying feature" eferred to.

I believe, now, that YOU and each present subscriber l be glad to do his little share, or see that some mem- of the family does it. But I am in such earnest about s important matter that I am going to make assurance bly sure.

Each person who gets subscribers will also be paid a direct and very substantial way. For instance: for h subscription coupon you buy at 20 cents or send in h 25 cents you will be entitled to your choice of one rt of superior seed corn, seed oats or seed potatoes; or ackets of choice garden or flower seeds selected from stock of one of the oldest seed houses in the country.

So fill out the blank below at once send with the order if convenient, but if not, will send the coupons on credit. You will no risk as we will redeem all cash coupons cannot sell.

Yours for profitable prices,
A. EVERETT, Editor Up-to-Date Farming
Indianapolis, Indana

THIS COUPON
FOR PROFITABLE PRICES
ng.

oscribers in January. Please send year's subscription, each. I en- ents each, but if you do not remit returned). It is understood that our offer also that any Coupons I med at the price paid.

..... DAYS

... .

because they would know they must get corn from you at 65 cents to fill the contracts.

If 100,000 farmers who intend to market corn in January, will market 100 bushels less each there will be no visible supply on February 1st, and farmers will have no competition in making prices on corn; or 500,000 farmers marketing 20 bushels less each than they would have marketed without this advice can obliterate the visible supply.

Does it look like an impossible probler now?

THE GREATEST OPORTUNITY

Never before was such an opportunity presented—one fraught with such certain and great possibilities for benefits, and so easy of accomplishment.

But don't think the opportunity is for corn growers alone. It is for every American farmer if the prices of his products are not sufficiently remunerative.

This paper, with its present great circulation and facilities to print and mail ten times as many papers without investing another dollar in equipment, stands back of anything the farmers conclude to do toward improving their marketing system.

A PERSONAL APPEAL

So I make a personal appeal to each of the 150,000 present subscribers to do his share in this movement that means so much to every man, woman and child on the farms, and to our whole country. I make this appeal to **YOU.**

The peculiar value of the plan I explain on this page is mainly in the **personal appeal** each present subscriber will make to his friends, neighbors, relatives and acquaintances; and the multiplying features.

Josh Billings once said: "The best way to start is to begin."

I want to set an army of many thousands to work at once.

YOU CAN GET THESE PRICES

So if you want $1.20 wheat, 65c corn, 47c oats, 50c potatoes, $2.50 beans, $1.50,-00 broom corn, 15c cotton; and if you want to maintain the present prices on live stock and the other prices that are high high enough, enlist in this movement at once.

An army of many thousand volunteers enlisted at once will make the campaign short and the victory the more fruitful.

But enlist, and enlist, for the war, whether it be for a month, several months, a year or several years.

UP-TO-DATE FARMING has enlisted for the war. It is an old fighter. It has won such a victory as we seek now, before and can do it again.

THE TIME HAS ARRIVED

Don't you believe in the justce and equity of our contest?

Don't you want to say: "my price is so, take it or leave it," knowing that the other people must pay your fair price, or starve.

Don't you believe in the power of organized effort?

Do you believe that the will, the energy, the force of one hundred thousand men is greater than that of one man? Don't you believe that one million farmers, or half a million, asking the same price for their crops can compel them?

Don't you believe, if we enter heartily into this campaign to stop declinng prices and put them up where they should be, we will succeed?

A GREAT INFLUENCE TO START WITH

UP-TO-DATE FARMING has a great influence already.

Its 150,000 subscribers are not dumpers.

These present subscribers working to increase its circulation to a point where enough crops will be controlled so there will be no visible supply, or it will be harmless, ought not to fail—will not fail.

Why work all summer to produce fine crops and then refuse to guard them until a hungry world seeks them?

No other people in the country do that, but every other producer guards his products most jealously and keeps them out of the hands of people who might cut his prices.

DON'T DUMP, because you cannot possibly gain anything by it but always lose.

DO CONTROL, because it is sensible and because it is the secret of profitable prices.

MARKET when the **MINIMUM PRICE** will be paid. **THE PRICE** is all you need to know and then you will know when to market.

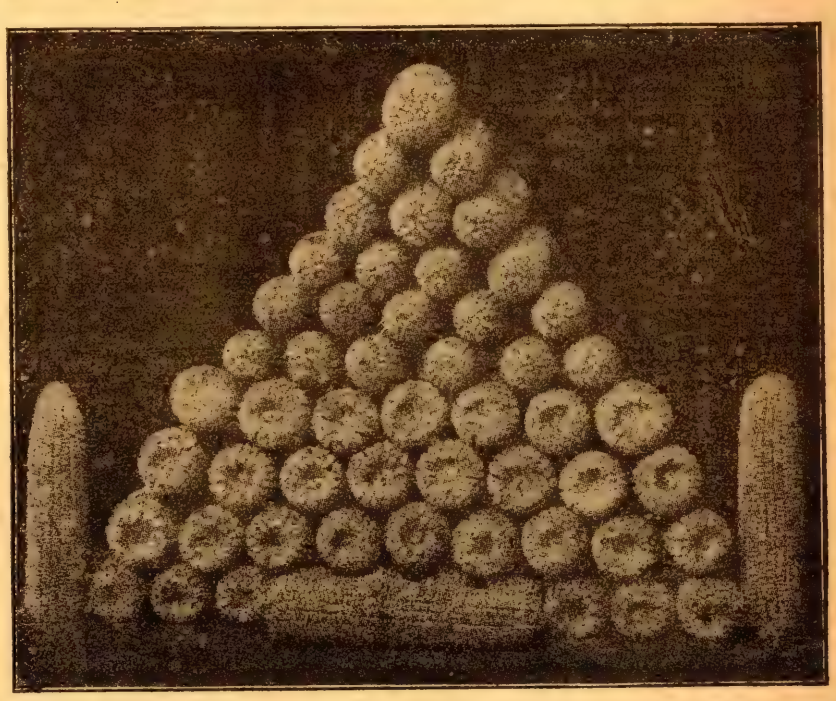
And get all your neighbors to read this paper so they can do the same.

Every farmer who reads UP-TO-DATE FARMING and combines its advice, and skill in producing will begin to make more money at once.

Every farmer in the country should read it.

Corn! Oats! Potatoes! Seeds!

Finest in The Country to My Helpers



This is a picture of a bushel of Farmers Interest Corn. The best bred corn in the country. The greatest yielding corn in the country. The corn that took all first and sweepstakes prizes in national and international contests and great fairs in the country for years. I will give one quart of this corn, or one quart of a great new variety of oats or potatoes, or six packets of vegetable or floweer seeds for each subscription coupon purchased at 20 cents, or each subscription sent in at 25 cents. Full particulars to all who send for coupons. See coupon in the middle of this page.

J. A. EVERITT.

SEED Greatest Offer Ever Made **10c**

Over half million of these combinations sold.
Send only 10c for trial test order—20 Big Packets:
Beet, Perfected Red Turnip, earliest, best.
Cabbage, Winter Header, sure header, fine.
Carrot, Perfected Half Long, best table sort.
Celery, Winter Giant, large, crisp, good.
Cucumber, Family Favorite, favorite sort.
Lettuce, Bell's Prize Head, early, tender.
Musk Melon, Luscious Gem, best grown.
Watermelon, Bell's Early, extra big, fine.
Onion, Prizetaker, weight 3 lbs., 1000 bu. per acre.
Parsnip, White Sugar, long, smooth, sweet.
Radish, White Icicle, long, crisp, tender, best.
Tomato, Earliest in World, large, smooth, fine.
Turnip, Sweetest German, fair, sweet, large.
Flower Seeds, 500 sorts mixed, large packet.
Big Tom Pumpkin. Makes finest pies.
Bell's Giant Thick Leaf Spinach. None better.
Cress or Peppergrass. Needed on every table.
Moss Curled Parsley. Finest greens grown.
Mammoth Russian Sunflower. Largest flowers.
Sweet Peas, ½ oz. California Giants Mixed.
Big FREE Catalog sent with each order, also FREE Coupon for 10c.—good with 25c order. Write today.
Not connected with any other seed company.
Address, J. J. BELL SEED CO., Deposit, N. Y.

Grows From Seed
FOUR MONTHS FROM PLANTING



A few Ground Almonds (Chufa) growing in your garden this year will give you a great deal of pleasure. Plant in Spring and you will get a crop in about four months. The nuts of fine flavor, resembling the cocoanut or almond; meat is snow white; shell thin, and great producer. One nut planted will produce from 100 to 200 nuts. Will grow in any soil or location.
To get new customers to test our seeds we will mail 50 Ground Almond nuts and 1911 Seed Catalogue with 10c. Due Bill, all for 10 cents. Send today and have something in your garden to surprise your neighbors.
MILLS SEED CO., Box 600, Washington, Iowa.

GREGORY'S HONEST FLOWER SEED OFFER
We will send you these ten packages of Gregory's Honest Flower Seeds, postpaid, for 25 cents in coin.
90 cents worth for 25 cents
pkg. Aster, Gregory's Special Fancy Mixture, . . 10c.
pkg. Pansy, Gregory's Special Fancy Mixture, . 15c.
pkg. Coreopsis, Gregory's Special Fancy Mixture, 05c.
pkg. Poppy, Gregory's Fancy Double Mixed Annuals, 10c.
pkg. Mignonette, Gregory's Large Flowering, very rich 10c.
pkg. Bachelor Button, Gregory's Finest Mixture, 10c.
pkg. Petunia, Gregory's Finest Hybrid Mixture, . 15c.
pkg. Candytuft, Gregory's Finest Mixed, . . . 05c.
pkg. Nasturtium, Dwarf, Finest Mixed, ... 05c.
pkg. Sweet Peas, Extra Choice Mixed, ... 05c.
10 packages sent for 25c in coin.
Our 1911 Catalogue , more profusely illustrated than ever, is just out. A copy to you for the asking.
GREGORY'S HONEST SEEDS
J. J. H. GREGORY & SON, 57 Elm St., Marblehead, Mass.

10,000 SEEDS 10c.
We want you to try our Prize Seeds this year and have selected 50 best varieties and put up 10,000 seeds especially to grow Prize Vegetables and Flowers. They will produce more than $25. worth of Vegetables and 10 bushels of Flowers.

800 Seeds	Cabbage	3 Best Varieties		3 pkts.
2,600 "	Lettuce	4 "	"	4 "
800 "	Onion	2 "	"	2 "
1,000 "	Radish	4 "	"	4 "
300 "	Tomato	3 "	"	3 "
2,000 "	Turnip	4 "	"	4 "
2,500 "	Flowers	30 Grand Flowering Varieties		

In all 10,000 Seeds, and our new Seed Book with a 10c Credit Check good for 10c selection, postpaid, 10c.
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SEEDS THAT GROW
Best quality Vegetable, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes, Seed Corn, Seed Grain, etc. Best varieties at low prices. We also carry full line of Nursery stock.
GERMAN NURSERIES AND SEED HOUSE
Carl Sonderegger, Prop.
Send name and address for Free 25th Anniversary Catalog and list of special Anniversary Collections, also FREE packet "Incomparable Lettuce."
German Nurseries, Box 139, Beatrice, Neb.

HANDY GARDEN TOOL



Here's a practical tool for the farmer or gardener—our No. 6 Combined Double and Single Wheel Hoe, Hill and Drill Seeder. Four tools for the price of one. It plants in hills or continuous rows, covers the seed, rolls the soil, marks the next row, hoes, weeds and cultivates. Simple, easy to operate, and does a day's work in 60 minutes.
IRON AGE Farm and Garden Tools
For 75 years we have made dependable tools of quality for the farmer, trucker and town gardeners. We make 33 garden tools at $2.50 to $12.00 each.
Write to-day for Anniversary Catalog describing our entire line including potato planters, cultivators, sprayers, diggers, orchard and other tools.
75 YEARS IN BUSINESS
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REQUEST ADVERTISERS WANT TO Know in what Paper you saw them. Therefore We TO their Advertisement you Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers. READERS.

GARDEN and ORCHARD

SAMUEL ARMSTRONG HAMILTON, Editor

The editor of this department will answer inquiries by mail if a stamped envelope be enclosed, and desires all to write him freely. This is your department; use it. Horticultural books and pamphlets will be reviewed if sent in. If you desire to know where any seed, plant, or implement can be had, write me. If obtainable, I will tell you.

OUR WORK AND YOUR APPRECIATION.

Do you realize the extra work involved in getting out a special number like this? The amount of correspondence, investigation, and special work required **in order that our readers may have the latest accurate information regarding the new, good things, in garden and orchard implements?** If so, I am sure you will be glad to show your appreciation by sending in that club of four subscribers for one year each $1.00, **which you have had in mind.** TODAY IS A GOOD TIME TO GET THEM.

SAMUEL ARMSTRONG HAMILTON, Garden Editor.

PUBLICATIONS RECEIVED.

MODERN METHODS OF HARVESTING, GRADING AND PACKING APPLES." This is by far the best treatise on these subjects which has so far reached us. It is by Charles A. Cole, of Corvallis, and Ray C. Brock, of Hood River, Oregon, two of the most expert apple-men in the business. It will be especially valuable to the Eastern growers who are just beginning the system of grading, and packing of apples by the bushel-box system. It is for FREE distribution by B. G. Pratt Co., Mfg. Chemists, 50 Church Street, New York.

"SUGGESTIONS ON PLANTING ORCHARDS," by O. K. White. An up-to-date treatise on the science of planting and laying out of an orchard by an expert orchardist. It will be very useful to the beginner. FREE. Michigan Experiment Station, East Lansing, Mich.

"SPRAYING GUIDE." A new book on spraying fruit trees of all kinds. Gives many valuable formulas, and directions for use. Also contains a valuable Spraying Calendar. Issued for FREE distribution by H. L. Hurst Mfg. Co., 491 North St., Canton, O.

"IRON AGE TOOLS." An interesting booklet, giving a complete description of the famous Iron Age garden tools. Describes their use and gives some valuable garden pointers. FREE. Address Bateman Mfg. Co., Box 65A, Grenloch, N. J.

"SPRAYING BULLETIN." A most complete treatise on spraying. Covers every disease known to fruit growers, and tells how to successfully treat it. Sent FREE to our readers, by the publisher, Toledo Rex Spray Co., Toledo, O.

"WATER SUPPLY ON THE FARM." Something in which every modern farmer is interested. Tells the best and most economical way of solving the water supply problem for the bath-room, kitchen sink, storage tank, etc., issued for FREE distribution by The Goulds Mfg. Co., 95 W. Falls St., Seneca Falls, N. Y.

IMPLEMENTS FOR THE GARDEN AND ORCHARD.

There is no question but what the gardener and fruit-grower of to-day in greater need than ever before of first class labor saving tools and implements to enable him to turn out the high class of products which the times demand. In addition, the scarcity of farm laborers in some localities makes the use of such implements compulsary, and it is up to those who need them to ascertain what they are, and where the best can be obtained. The intensive methods of culture required to bring to perfection the fruits of the garden and orchard preclude the possibility of their being done by hand as was the method formerly. Now that it is conceded that first class tools are necessary for first class results, why not try to get those which will give you the best returns for the money expended, predicated on the service they will perform and their life of usefulness.

IMPLEMENTS FOR THE HOME GARDEN.

There is a large relation between the quantity and quality of the garden produce, and the implements and tools their planting and culture. In the matter of hoes alone, how few farmer's gardens are properly equipped with the ones best adapted for certain garden operations, and yet, there is on the market, at reasonable rates, the proper kinds for each, and these operations can be best, quickest, and most economically performed, each by the hoe designed especially therefore. There should be at least eight in every modern farm garden.



I have frequently called attention

to the advantage in the use of the round, pointed "dibble" when setting out young plants, but will do it again. A plant set with the dibble, all else being favorable, is sure to grow, because the soil is properly packed close against the roots, while, if set in a hole, and pressed together with the hands, the top of the soil will be close around the plants, while at the roots there will be an air space surrounding them, and they will dry out, or become shrunker. A good dibble costs about 35 cents and is worth ten times as much in any garden.

In every garden there should be a mattock, which is especially useful in the spring when the soil is being dug or plowed. At this time it should be thoroughly gone over, and all roots of near-by trees, and stones dug out. Also, the digging or plowing, many times merely loosens the large roots of noxious hardy weeds, which should be entirely dug out with the mattock, which will not likely be done, unless the mattock is just at hand. An ordinary pick is not half so good a tool as the mattock, while the latter will do most of the work possible with the former.



For rapid work in transplanting such plants as the cabbage, tomato, pepper, celery, egg-plant, and others, nothing will make the holes as well, and fast, as the trowel known as the "tomato trowel." The plants are then set with the dibble. They cost 50 cents, but are worth much more to the progressive gardener. Look at it—see its good points.



In the orchard or small-fruit garden there are a number of needed devices which are in many cases conspicuous by their absence, and would make up for the lack of good help, which is so hard to get. It is estimated that two good men with all the needed tools and appliances, will do as much work in a garden or orchard as three with old-fashioned ones, or none at all, but the saw and axe, pick and shovel. In every orchard there should be a good grafting-tool, pruning and budding knives, brush knife, adjustable tree-saw and pruner to attach to a pole.



GRAFTING TOOL.

$2.10 Worth to Test for Only 10 Cents **SEEDS** **21 Packets Superb Sorts Really FREE for Trial**

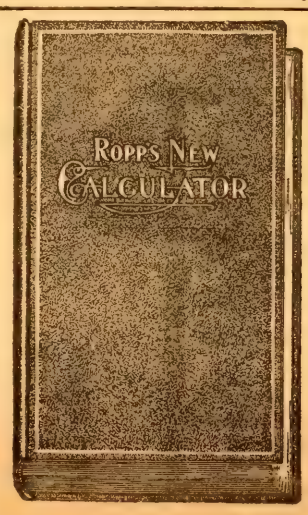
Our Superior Home Grown Seeds are fresh, reliable and guaranteed to grow. We will mail the following 21 sorts (21 liberal size packets, better than others use in collections) for 10 cents and enclose catalogue and check for 10 cts. worth more your selection Free. Thus making these Free. Money back if not satisfied.

BEET, Crosby's Egyptian, best extra early sort.
CABBAGE, Lightning Express, early, sure header.
CARROT, Perfect, Half-Long, best table sort.
CELERY, Golden, Self-Blanching, best crisp, keeps.
CUCUMBER, Family Favorite, prolific, good.
LETTUCE, May King, tender, delicious.
MUSKMELON, Rocky Ford, the best everywhere.
WATERMELON, Deposit Early, earliest, sweetest.
ONION, Prizetaker, weight 3 lbs., 1000 bus. per acre.
PARSNIP, Improved Guernsey, smooth, sweet.
PEPPER, Crimson King, early, large, sure.
RADISH, White Icicle, best, early, long, tender.
TOMATO, Earliana, best, extra early, smooth.
TURNIP, Sweet Gorman, large, sweet, good.
ASTER, Deposit Show, 200 best showy sorts.
DIANTHUS PINKS, Prize Mixed, 100 best sorts.
PANSY, Berlin Giants, mammoth, rich colors.
COSMOS, Giants Mixed. POPPY, Grand Mixed.
SWEET PEAS, California Giants, large mixed.
ANNUALS, Summer Garden, 500 fine flowers.

We are extensive and reliable growers. Tell all your friends to send.
DEPOSIT SEED CO., Deposit, N. Y.

SPRAY NOW and kill the dreaded **SAN JOSE SCALE**
Fall spraying is more effective than spring. Do not fatten the scale for spring killing. It is easier to kill now. Apply after trees have dropped their foriage. Any pleasant day during the winter when water will not freeze, will do. One gallon can of **SCALECIDE** will make 20 gallons of spraying solution. It is cheap. It is effective. No fruit grower can afford to do without it.
PRICE Single gallon $1.00; 5 gallon jacketed can $3.25; 10 gallon jacketed can $6.00; 50 gallon bbl. $25.00. Circulars and full information free.
Send orders direct to
O. K. SEED STORE, Opposite State Capitol, Indianapolis, Ind.

Peach Trees
800,000 Peaches 5 to 7 feet 9c.; 4 to 5 ft. 8c.; 3 to 4 ft. 6c.; 2 to 3 ft. 4c.; 2 to 3 ft. light 3c. 200,000 Apples, 50,000 Pears, 50,000 Plums, 100,000 Cherry, 300,000 Carolina Poplar, and millions of Grape and Small Fruits. Secure varieties now pay in Spring. Buy from the man who has the goods and save disappointment. Catalogue
Free to everybody. Write for it today.
Sheerin's Wholesale Nurseries, Dansville, N. Y.



ROPP'S COMMERCIAL CALULATOR

Correct Figures With Lightning Speed

This is a revised, enlarged and improved edition of a standard book. There are millions in use. Ropp's Commercial Calculator is especially valuable to farmers. By its regular use many hard problems become easy. It will prevent mistakes, relieve the mind, save labor, time and money, and do your figuring in the twinkle of an eye. As handy as a watch, always ready and reliable. To anyone who will send fifty cents I will send UP-TO-DATE FARMING one year and a copy of Ropp's Commercial Calculator, bound in cloth. If 10 cents extra is sent we will send it bound in a material more durable than real leather and pocket-book style for carrying in the pocket. Mention JAN. 1, UP-TO-DATE.
J. A. EVERITT, Editor, Indianapolis, Ind.

IMPLEMENTS AND TOOLS IN THE TRUCK-PATCH.

In the larger garden, which we generally speak of as the "truck-patch," there is still greater need for the right kinds of tools and implements. You can depend on it that the best of those enterprising farmers who grow trucking-crops are using the most up-to-date tools and implements, and if you are not doing so, it behooves you to get in line at once, if you hope to make a profit on your crops. You may balk at the first cost, but you must consider it as an investment, and, if they are taken proper care of, they will last an ordinary farmer's lifetime.

Let us take, for instance, the matter of potato planting. I am sure that you will agree with me that there are more persons who grow potatoes and more of them grown, than of any other trucking crop; yet, how few are there who do not waste time and effort in the old-style hand-method of cutting up the potatoes. By the new method the potatoes are fed to a machine, on a bed of knives, and a plunger is pulled over on them, which forces them through the knives and then fall into a box alongside. Imagine cutting potatoes for planting as fast as such a machine can be worked.



SEED POTATO CUTTER.

One would not expect a farmer who cuts his potatoes by hand to use a modern planter like the ASPINWALL, but those who expect to make a success of the potato business must meet the question of adaquate implements squarely in the face. These planters use an "iron hand" in planting the cut-potatoes, and have proven ninety-nine per cent. true. A machine that drops the potato-seed in the row may make a good planting, but there is little assurance of it. These machines have fertilizer and corn-panter attachments.

In addition to the necessity for the machine planting of such garden crops as the potato, there is a vital necessity for the use of the proper machinery from that time on until they are harvested, sorted, and sacked for shipment. The hand-grower of such crops had better go into some other business, as he cannot make a living alongside of the farmer, for instance, who uses the celebrated IRON AGE riding cultivators, to keep his crops under frequent cultivation, from the time they are high enough, until they have had the last turn needed. There are so many useful attachments to these cultivators that many things besides potatoes can be worked with them. The day of the walking cultivator, for large crops is past. There is too much strain on the man, and the cultivator will not go faster, or further, than the man can stand it to walk. For the small operation there is the modern horse-hoes, and for the garden at the farmer's home, the more than useful wheel-hoes of different kinds, according to the purpose for which intended.

When the crop of potatoes, if it be a good sized one, is ripe, do not attempt to raise it with the old-style shovel-plow, by which a large percentage of the crop is covered out of sight and lost, but use a modern up-to-date Aspinwall potato digging machine, which not only opens up the rows, but sorts the potatoes out from the soil and stones, and throws the vines clear of the next row. It is only by such means that the commercial grower can hope to compete with other enterprising growers.

However, before the digging, there is another machine which must be reckoned with. About the time the crop is looking like good dollars per bushel, the bugs, rot and blight come along, unless you take time by the fore-lock, and knock all the profits sky-high.

Of course you must spray, as no commercial crop of potatoes can be grown these days, profitably, without spraying with an insecticide, for the potato-bug, and with Bordeaux mixture for the rot and blight, and to insure it being done well, get some form of the modern spraying machines, of which there are kinds for every of time.

MACHINERY FOR THE ORCHARD.

Fortunately for the pocket-book of the fruit growers, it is not necessary to buy tree-planting machinery—not yet—but there is a lot of machinery which is absolutely necessary to be on hand in every orchard from which it is desired to pick the kind of fruit which sells at three dollars a box.

If the tillage system of culture is in use, there must be a good disk cultivator, one adapted to orchard conditions, in which the disking is done shallow, merely enough for a dust-mulch. It will pay to get a modern one which has the attachments for other kinds of disking as well, but keep first in mind the requirements of the orchard. In addition, there will be machinery required for the breaking of the ground for new orchards, the setting out of the cover-crops in those in which this system of culture obtains, and cultivators and harrows for those in which inter-planting is done. In each method of culture there is required to be on hand the necessary implements to carry out the scheme under way, and it always pays to use the best.

SPRAYING MACHINERY FOR THE ORCHARD.

A ten-year-old child has seen the beginning of the use of spraying machinery in orchards to enable the fruit to be grown free and clean for first-class trade. Large as the business of

YOU NEED NO MONEY. We Trust You with Our Goods.

MAGNIFICENTLY DECORATED FULL-SIZE DINNER SET FREE

WE PREPAY FREIGHT On Premiums, Baking Powder, etc.





This is the greatest, most gigantic and most liberal of all offers ever made. To gain a wider distribution for our [illegible] pure, high-grade groceries and family supplies, we now offer absolutely FREE, a handsome, artistically floral decorated full size,

54-Piece DECORATED DINNER SET for sale of ONLY 12 CANS

BELLE BAKING POWDER. *With each pound Baking Powder you may give a Cut Glass Pattern Pitcher* and *Six Glasses*, FREE, as per plan 401. Quality as well as Quantity is in this great offer. OUR PLANS SELL AT SIGHT. Many other Tea, Coffee, Soap and Grocery offers equally as cheap in price. If preferred, you can have choice of hundreds of other useful premiums, such as *Toilet Sets, Furniture, Linen Sets, Graniteware, Lamps, Etc.*, or we will pay a large cash commission. We don't try to sell YOU anything, we want you to distribute our goods which must be sold to the user direct. **NO MONEY IS NEEDED.**



WE PREPAY FREIGHT on everything to your nearest Railroad Station, allowing plenty of time to examine and deliver before paying us. *Write at once for FREE SAMPLE OUTFIT* and other things. If after receiving them, you decide not to get up an order, you may keep everything we send you FREE of charge for the trouble in answering this advertisement. WE GIVE ELEGANT PRESENTS FOR APPOINTING ONE OR MORE AGENTS TO WORK FOR US. Remember, the Special Premium and Sample Outfit are both absolutely free. NO LICENSE NEEDED. WRITE TODAY.

Special FREE Present

We give a 15-Pc. Decorated Bavarian Artware Set, or Granite Kitchen Set, or 10-Pc. Toilet Set, *free* of all cost or work of any kind. Simply send us your name and ask for this FREE Present.

Reference by permission, Provident Bank, First Nat'l Bank, any Commercial Agency.

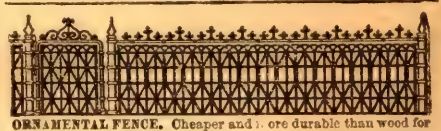
The PURE FOOD CO. 325 W. Pearl, Cincinnati, O.

We can safely recommend The Pure Food Co. as being a thoroughly reliable and responsible firm.—EDITOR.

Virginia Farms and Homes.

FREE CATALOGUE OF SPLENDID BARGAINS

R. B. CHAFFIN & CO., Inc., Richmond, Va.



ORNAMENTAL FENCE. Cheaper and more durable than wood for Lawns, Churches, Cemeteries, Public Grounds. Also Non-Rusting Farm and Poultry Fence. Catalog Free. Special Offer. Write.

THE WARD FENCE CO., Box 938, Decatur, Ind.

48 Million Shortage

Government statistics show there were 48,000,000 bushels less of potatoes grown in the United States last year than in 1909. This with increasing population must necessarily make a larger demand for potatoes in 1911. No crop as a



Money Maker

equals it, and the information showing how to grow for profit will be mailed absolutely free to any one asking for it. Our president has devoted over fifty years to the study of potato culture and the manufacture of machinery for handling the crop in all stages.

ASPINWALL MANUFACTURING CO.
427 Sabin Street, Jackson, Michigan, U. S. A.
World's Oldest and Largest Makers of Potato Machinery.

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Hundreds of readers of Up-to-Date Farming want to buy a farm. Have you one for sale? Advertise it in the Business Exchange for quick purchaser. Rate 6c a word.

Be generous—When you write to our advertisers mention Up-To-Date

Our many Up-to-Date Farming friends will be surprised to know that we are about to celebrate our 75th Anniversary. Like the mighty oak we have grown from a small "acorn," adding a "ring" of customers each year until today our line of

IRON AGE Farm and Garden Tools

are used in large numbers throughout the entire world. To commemorate this wonderful event we have built a 64 page catalogue, profusely illustrated, which fully describes the most complete line of cultural tools in the world. No matter how small your garden or how large your farm, you should have one of these catalogues. Of course, it's free. Write today. BATEMAN M'F'G CO., Box 65 A Grenloch, N. J.

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Our Choice Iowa Seeds are backed by a reputation of 46 years. Largest establishment in the West. 8500 acres in seed growing, 14 departments in charge of experts. All the best novelties, standard varieties of Garden and Farm Seeds, Plants, Bulbs, Nursery Stock, Poultry Supplies, etc. Ask for a copy of our large, handsomely illustrated catalogue.

Iowa Seed Co., Dept. 71 *Des Moines, Iowa*



CANNING FACTORIES FOR SALE

For Farms, Large Communities or Towns. 15 sizes. Prices $85 to $850. Capacities as high as 9,000 cans tomatoes or 20,000 cans fruits in 10 hours. TERMS: A per cent of pack, or 2 or 3 yearly payments, or for cash. Write for Booklet. THOS. M. BROWN, Springfield, Mo.

New Rupture Cure

Don't Wear A Truss



Brooks' Appliance. New discovery. Wonderful No obnoxious springs or pads. Automatic Air Cushions. **Binds and draws the broken parts together as you would a broken limb.** No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

CATALOGUE FREE

C. E. BROOKS, 3898 Brooks Building, Marshall, Mich.

GALLOWAY SAVES YOU $50 to $300

SAVE from **$50 to $300** by buying your gasoline engine of 1½ to 28-H.-P. from a real engine factory. Save dealer, jobber and catalogue house profit. No such offer as I make on the class of engine I sell has ever been made before in all Gasoline Engine history. Here is the secret and reason: I turn them out all alike by the thousands in my enormous modern factory, equipped with automatic machinery. I sell them direct to you for less money than some factories can make them at actual shop cost.

All you pay me for is actual raw material, labor and one small profit (and I buy my material in enormous quantities).

Anybody can afford and might just as well have a high grade engine when he can get in on a wholesale deal of this kind. I'm doing something that never was done before. Think of it! A price to you that is lower than dealers and jobbers can buy similar engines for, in carload lots, for spot cash.

An engine that is made so good in the factory that I will send it out anywhere in the U. S. without an expert to any inexperienced users, on 30 days' free trial, to test against any engine made of similar horse-power that sells for twice as much, and let him be the judge. **Sell your poorest horse and buy a**

5-H.-P. Only $119.50



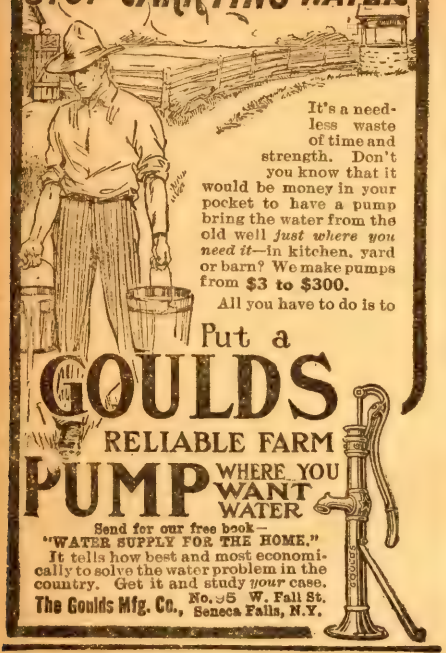
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Write today for my beautiful new 50-page Engine Book in four colors, nothing like it ever printed before, full of valuable information, showing how I make them and how you can make more money with a gasoline engine on the farm. Write me—

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STOP CARRYING WATER



It's a needless waste of time and strength. Don't you know that it would be money in your pocket to have a pump bring the water from the old well *just where you need it*—in kitchen, yard or barn? We make pumps from $3 to $300.

All you have to do is to

Put a GOULDS RELIABLE FARM PUMP WHERE YOU WANT WATER

Send for our free book—
"WATER SUPPLY FOR THE HOME."
It tells how best and most economically to solve the water problem in the country. Get it and study *your* case.

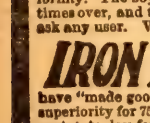
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No money in advance—pay us out of extra profit. Sprays anything—trees, potatoes, vineyards, truck, etc. Pushes easy—high pressure. Guaranteed 5 years. Pay when you can—at wholesale price. We pay freight. Catalog and Spraying Guide free.

Free Sprayer Offer to first in your locality.

H. L. HURST MFG. CO., 608 491 NORTH STREET, CANTON, O.





AS POTATO SPRAYER AS ORCHARD SPRAYER

A PERFECT STAND

Of potatoes is what you will get with good seed and an Iron Age Planter. It plants 100 per cent. without misses or doubles or injury to the seed. Every seed piece placed, just right, at even spaces and covered uniformly. The boy pays for his labor 10 to 20 times over, and the planter pays for itself—ask any user. With or without fertilizer distributor.

IRON AGE Farm and Garden Tools

have "made good" and proven their superiority for 75 years. Send postal to-day for our Anniversary Catalog—it tells all about our Potato Planters, Cultivators, Diggers, Sprayers, Garden Tools, Wheel Hoes, Drills, etc., and is FREE. Don't delay.

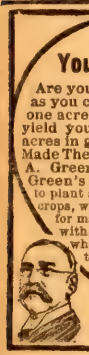


BATEMAN M'F'G CO. BOX 656 GRENLOCH, N. J.

Increase Your Farm Profits

How I Made The Old Farm Pay

Are you making as much money as you can? Let us tell you how one acre in fruit can be made to yield you more money than three acres in grain. It is all in "How I Made The Old Farm Pay," by Chas. A. Green, 30 years publisher of Green's Fruit Grower. Tells how to plant an orchard, vineyard or berry field to get biggest crops, what varieties will pay you best, and how to prepare for market. This intensely interesting book sent free with a handsome catalog of high grade nursery stock at wholesale prices—no agents. 140,000 choicest apple trees while they last. Also 100,000 Privet hedge plants. Estab. 30 years. Capital, $100,000.00. Write to-day.



GREEN'S NURSERY CO. BOX 51, ROCHESTER, N. Y.

Strawberries From Seed

RIPE FRUIT IN 4 MONTHS



This Wonderful Everbearing Strawberry is a great curiosity. It grows rapidly, and will begin to fruit in about 4 months after sowing seeds, and continues to bear fruit constantly all summer and fall, ½ pint of berries having been picked from one plant as late as October. Seeds sown in the house in winter will produce early fruiting plants which will bear until late in fall, and if taken in the house will fruit all winter. Plants perfectly hardy everywhere.

For only 10c we will send 100 Everbearing Strawberry Seeds in a 10c Rebate Envelope and when empty envelope will be accepted as 10c payment on any order for seeds in our 1911 Catalogue, which is included Free.

SMITH BROS. SEED CO., Box 637, AUBURN, N. Y.

O. K. Seeds have been standard for more than a quarter of a century.

Join the thousands of successful farmers who plant O. K. Seeds year after year and reap abundant harvests.

Garden, Field and Flower seeds

Catalogue ready. Send for copy—Free.

O. K. Seed Store, Indianapolis, Ind.

making such machinery is, covering many plants, acres in extent, it has arisen within that time. Before then there were sprayers, but they were mostly for use in subduing the minor insects of the field and a few well-recognized fungous diseases. But there was no general agreement that apple-culture depended on the use of powerful machines to spray the trees from four to ten times with insecticides and washes. That is as recent as ten years.

I do not intend in this article to discuss the matter of the use of sprays and washes; that will be done later in the ANNUAL SPRING SPRAYING NUMBER, in the issue of February

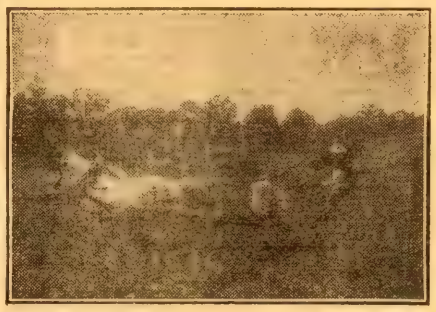


Photo from H. L. Hurst Mfg. Co.

A Powerful Field Sprayer.

15, but merely to call your attention to the necessity for the use of the best machinery, for it is a sad fact, as many found out, who have bought sprayers from irresponsible parties, that a cheap temporary, make-shift, of a machine, may be in the end very costly.

I have within a year spoken in these columns of the advisability of farmers and fruit growers, in localities in which the orchards are merely those attached as a side issue to the farm, banding together, forming a company, and obtaining a first-class power machine, somewhat after the manner of those owning threshers and clover-hullers. This is entirely feasible, and while I advise everyone with acreage enough to warrant it, to get their own power-sprayer, yet I realize that there is a field for the community-owned outfit in the older farming sections in which the orchards rarely run more than an acre or two, and where fruit growing is only an incident of the farm-work, instead of being the "day's work," as in some sections.

In view of these facts, I am cautious how I advise my readers to indulge in what may, to them, become a



Photo from H. L. Hurst Mfg. Co.

Saving the Apple Crop.

costly luxury, instead of a blessed necessity. When buying a machine, for orchard spraying, be it a bucket sprayer, or a full-sized, gasoline-tower-compressed-air one, there are several things which are required of it, and no matter how much or little you pay for it, without these requirements being met, it is worse than useless:

1. It must automatically keep the mixture stirred while it is spraying.

2. It must furnish the mixture to the nozzle in a continuous steady stream, and not by "jumps and jerks."

3. It must deliver the fine misty-spray on the trees at the power claimed, in order that it will perform the required functions, especially in case of spraying for coddling-moths.

4. It must have non-clogging, adjustable, nozzles of various kinds for different purposes, of non-corroding metals, light-weight and durable, and not likely to get out of order.

These may seem like harsh requirements, but they are not all. These relate only to the actual spraying. In addition, the power ones must be mounted on a suitable wagon-bed, with broad wheels, and have a tank of sufficient capacity to carry a goodly supply of mixture, and the gasoline-engine must be of the marine or automobile type, and not one of the old-style "gas" engines. There must be a tower, light, strong, and of sufficient height to enable the operator to work, not only all around a tree, but over it as well. The compressed-air tank must be non-corroding, and be guaranteed to a pressure of not less than three hundred pounds.

With such an outfit, in capable hands, the individual fruit-grower, or association, can feel that they have made a paying investment—one which will give an adequate return on the money invested, either in improved fruit, or in fees for its operation. No matter if you have a power sprayer, there is need on every farm for the small hand sprayer, for use in the garden and berry-patch. Make up your minds that **the day of spraying is here now**, not in the future. You should face the question of spraying this year; not next year.

In conclusion, let me urge on my readers to get the catalogues of the dealers whose advertisements appear in the pages of UP-TO-DATE FARMING. They are reliable, and will give you full value for your money. **Always**



Photo from H. L. Hurst Mfg. Co.

Adding Bushels to the Potato Crop.

mention this paper when writing for catalogues, or making purchases, and **do it it every time.**

Do not put off the matter of getting the tools, implements, and machinery, you will need for the coming summer, so that prompt shipments can be made, and they be received in good time for this season's use. The prospect is that **farm help will be more scarce than ever next season,** and it behooves you to provide against a lack of good help.

Two New Bee-Books in the Press of Gleanings in Bee Culture.

The copy of a new and revised edition of Advanced Bee Culture, by W. Z. Hutchinson, is now in the hands of the publishers We hope to have the new edition for delivery along about the holidays. The new book will be considerably enlarged, and brought clear up to date. The fact that W. Z. Hutchinson is the author of it is enough to show any practical bee-keeper that it is a work well worth reading. While it is designed primarily for the advanced bee-keeper, as its name indicates, the beginner, if he has in connection some other work, will find it exceedingly valuable. We also have in hand the copy for a book for beginners, by E. D. Townsend. Advanced Bee Culture and Townsend's book would go well together. We hope to have the former ready for delivery in about a month. Price, including a year's subscription to *Gleanings In Bee Culture*, $100.

It is a great convenience, not to say time saver and money maker to have one of the new up-to-date grinders on the farm. Luther Grinder Co., 102 Madison St., Milwaukee, Wis., offer to send a complete grinder—12 machines in 1—to any reader of Up-to-Date Farming on 10 days free trial. Send for their liberal offer or clip the coupon from Dec. 15 number and mail it. A postal card addressed as above will bring full information.

They Sat On Him

The writer of the following lines has seen a game of foot ball:

He made a run around the end,
Was tackled from the rear,
The right guard sat upon his neck,
The full back on his ear.

The center sat upon his legs,
Two ends sat on his chest.
The quarter and the half back then
Sat down on him to rest.

The left guard sat upon his head,
A tackle on his face.
The coroner was next called in,
And sat upon his case.

SAN JOSE SCALE

can be controlled in THE FALL as well as in the Spring, with

Rex Lime and Sulphur Solution

the cheapest, best and most reliable spray material. Rex Arsenate of Lead contains over 15 per cent Arsenic Oxide and is the highest grade on the market. All goods guaranteed. Write for our free bulletins and prices.

THE TOLEDO REX SPRAY COMPANY
Toledo, Ohio

PRATT'S "SCALECIDE"

Will positively destroy SAN JOSE SCALE and all soft bodied sucking insects without injury to the tree. Simple, more effective and cheaper than Lime Sulphur. Not an experiment. One gallon makes 16 to 20 gallons spray by simply adding water. Send for Booklet, "Orchard Insurance."

B. G. PRATT CO., 50 CHURCH ST., NEW YORK CITY.

GALBRAITH "NEW LAND" FRUIT TREES

Free from Disease. Grow faster. Heavier fruiting. Yearling Apples 9c. Other fruit in proportion. Full line ornamentals. No agents. You save 50 per cent. Complete catalogue free

Galbraith Nursery Co., Box 27 Fairbury, Neb.

Don't Wear a Truss

FREE

STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

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Address—PLAPAO LABORATORIES, Block 59, St. Louis, Mo.

MONEY MAKING



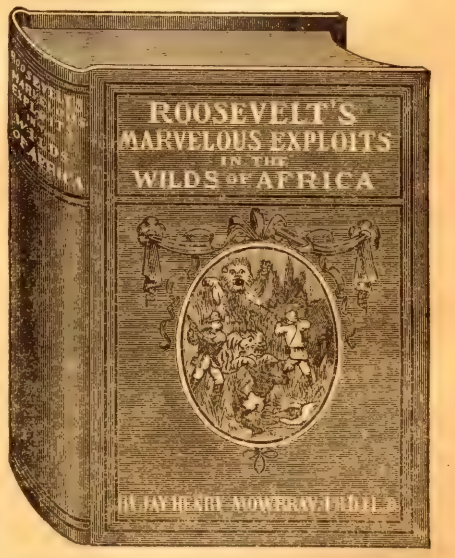
SEED CORN GRADER

75c buys a patent PLANTER SEED CORN GRADER. The increased yield per acre pays for it several times in a year. How many acres have you? Figure what one of these Graders means to you. Any boy can use it. Will grade corn perfectly. Every farmer needs one. Special price: Only 75c. Send to-day.

O. K. SEED STORE, Indianapolis, Ind.

A Great New Book of Entrancing Interest

Millions of people have been waiting for the thrilling story of Ex-President Roosevelt's marvelous adventures in the wilds of Africa. The famous hunting expedition has ended and we already can offer this superb book, the demand for which should be enormous.



This great new book is 7x10 inches, printed on fine paper, bound in a beautiful cloth cover in colors, contains 256 pages and has an illustration on nearly every page showing the wild beasts of Africa and many interesting and critical situations.

MY OFFER.

For only $1.00 I will send a year's subscription to UP-TO-DATE FARMING and a copy of this book all post paid. The subscription may be a new one or old, but state which it is and mention JAN. 1, UP-TO-DATE.

J. A. EVERITT, Editor
Indianapolis, Ind.

The Pride of Louise, or the Awakening of a Spoiled Child

A Christmas Story.

"Mother is in a hurry for her pay, please ma'am," said the thinly clad little daughter of the poor sewing woman, who had just sent home Miss Morgan's opera cloak.

A little nettled at the ungracious manner of the child, Miss Morgan sharply said:

"Tell your mother to wait my convenient time in paying such bills."

"Yes'm," said the little girl, frightened by the flash of Miss Morgan's angry looking eyes. "I'll tell her, but—"

"But what?" sharply asked Miss Morgan.

"Oh, nothing; only Johnny's lame and sick, and mother promised him as much supper as ever he could eat, when you paid us, and now he can't have it," and with a weak little whisper, May Lawson was gone.

Miss Morgan was not by nature hard or selfish; she was a beauty and a belle, and something had come into the life of this petted, only daughter of fond and ambitious parents, that was unwelcome to her own hope and aim in life. Had she not been told from childhood, that she was beautiful and must marry rich, and despite such teachings Henry Graem, a poor young minister, had dared to care for the brilliant Miss Morgan, and worst of all, she cared for him in return, and could scarcely abide Laurence Escott, the eligible bachelor of Seymour, and her own admirer.

As she stood upon the verandah, watching the passers by, each one with a mysterious looking bundle, a Christmas present for loved ones at home, she could not help thinking of the Christmas Eve one year since, when Henry and she had quarreled, and she had thrown after him the ring he had given her. They had such widely different views of life; he lived for earnest work, and thought her too gay and frivolous, and from a kindly rebuke, a bitter quarrel sprung.

To-morrow, Laurence Escott would offer her a share of his wealth, and it was said that Henry Graem intended to marry a member of his charge; a girl noted for her goodness, and "just cut out for the wife of a minister," so everybody said. Louise tried hard to persuade herself that she did not care if Henry did marry that hateful, homely Martha Brown, but upon this Christmas Eve, unpleasant memories were rife; her heart was sore, and she could not be the bright hearted, happy Louise of old.

But little Mary Lawson had not turned the corner before Louise had repented of her harsh words, and she went shortly to her room thinking of lame Johnny, wondering if he really would be hungry on Christmas Eve.

"Daughter, are you not going to Mrs. Upperman's concert tonight with Mr. Escott?" asked Mrs. Morgan, a stately, handsome lady.

"Oh, I suppose I am; but mother, do not talk of him. I am tired of Christmas and everything, and do not want to hear of Mr. Escott."

"Are you losing your senses, Louise? I think most girls would be happy were they in your place. Mr. Escott's wife will be a fortunate woman. Surely you are not mourning about Henry."

"Of course not, mother," indignantly replied Louise. And Mrs. Morgan wisely left her to herself. May Lawson upon her way home stopped at a bakery show window; it seemed to her the fresh bread and cakes never looked so tempting before.

"Oh, my, wouldn't Johnny be tickled if I would take him that teenty cake with the frosting on it, and that gingerbread would do for mother, she used to love it. We had it every Sunday before pap got drowned. I guess Miss Morgan never was hungry. I do hate to tell Johnny I didn't get no money; his lip will quiver, but he won't cry loud, for he's a brave chap, our Johnny is, and mother'll look sad. Oh pap, poor pap," and the little girl went crying to the poor little room, the Lawson's called home, where white-faced Johnny waited at the window for her coming.

Johnny could not help crying softly; neither could the tired, patient mother—one of the noble good mothers, who are true, brave Christian souls, if she was a thin, brown, toil-worn "body," and was without education or culture.

"There, there, mother's poor lamb shall have a cracker; mother'll give you her'n, and sister'll sing "There's a Better Day a Coming,' and you'll forget about bein' hungry; it's better so," she said as she tucked the little fellow in bed. "He'll forget about bein' hungry when he's asleep."

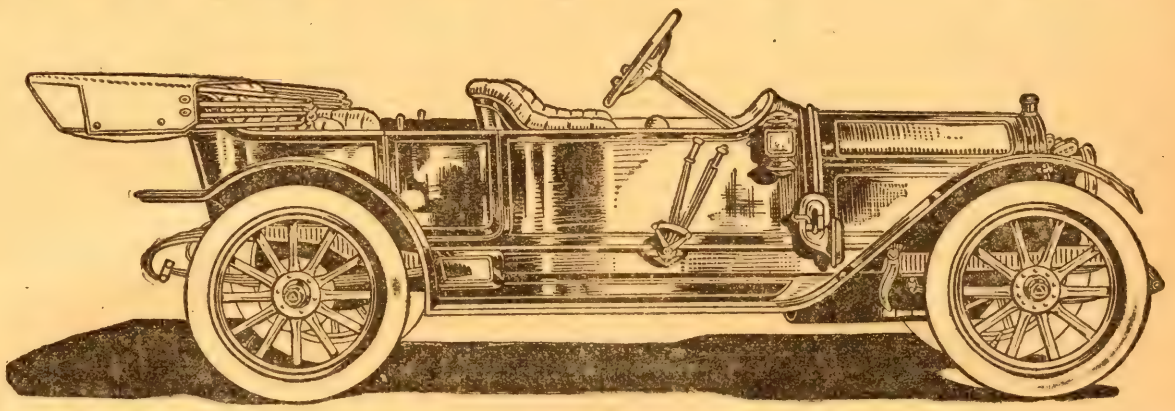
May too fell asleep; how long she slept she never knew, as she was awakened by four people all talking at once, and a rough, shaggy man had her in his arms calling her "pap's own little girl."

Mother was trying to wake Johnny, while the minister, Mr. Graem, and Miss Louise were talking and laughing, and everybody seemed happy.

"I never could have found ye, Mariar, if it hadn't been for the parson here; he was on his way from church, an' saw me leanin' agin a lamp post, thinkin' I'd ben drinkin'; but he spoke kind to me, and I out with my trouble to him, as how fur two years, ever since the big freshet in the low lands cum and drowned us out, swept away our home, an' we got separated, an' the fever took a hold on me, I've been huntin' for you an' the young 'uns. In all my wanderins, I'd find many poor, fatherless families, but they'd always turn out to be somebody else's. Oh, I've been heart sick, and last night I

(Continued on Page 29.)

HUDSON "33"



"33" Pony Tonneau $1300

The "33" Torpedo $1350

"33" Touring Car $1250

Equipment on all models includes, 3 oil and 2 gas lamps, horn, tools, pump, quick detachable rims, gas generator. Mohair top, Prest-o-lite tank instead of gas generator and Duplex system ignition, with famous Bosch high tension Magneto, $150 extra for either model.

687 Sold the First Day

Reserve Your Hudson Now

The first day's sales made to individuals by Hudson dealers—on the day when the new HUDSON "33" arrived—totaled 687 cars.

Three-quarters of a million dollars worth of automobiles sold the first day!

There has not been a day since, that orders for immediate delivery were not far in excess of our output. At this writing—in midwinter with a large section of the country covered with snow—we have unfilled orders for more cars wanted at once than we can produce in a month.

Judge what the demand will be in the spring.

You will see the necessity, if you want this car, of arranging a delivery date now.

Dealers cannot be given more cars than have already been arranged for. We are, in fact, compelled to reduce some of the allotments made for early delivery.

Our whole output was taken by dealers before the first car was shipped. Some dealers had sold half the cars they had arranged for before they had received a demonstrator.

The over supply of low-priced cars last summer may have led some to think that good cars will be plentiful. But remember that the over supply was of old model cars, displaced largely by the announcement of Howard E. Coffin's latest design—the new HUDSON "33."

Howard E. Coffin is known for the successes he has produced wherever automobiles are used. The four famous cars he designed were the leaders of their time. At first he designed high-priced cars. Then he turned his attention to building a car that would give the same satisfactory service—that has the same grace and beauty and fine quality of materials, workmanship and finish that had been expected only of those selling at $2,000 and up.

The HUDSON "33" is his masterpiece.

Desirable cars are difficult to obtain when they are wanted.

You who wait until spring comes will surely find this condition. The most desirable cars will be sold far in advance.

The six leading makers, in all probability, will find it impossible to make prompt deliveries on all orders in May and June.

If you intend buying a car, begin your investigation at once and assure yourself of delivery when you want it. There will be no change in models or price.

Even cars that ordinarily have small demand, will be in large demand in spring.

By taking your car now you can get three months' extra use without extra cost.

A 1910 car driven 15,000 miles can be sold, if you desire, with less sacrifice than a 1909 model used only half as much.

Therefore, get your 1911 model early. It can be resold in the fall to as great an advantage as if it were delivered in May.

Coincidence of the "33"

The remarkable thing about the HUDSON "33" is the way the latest models of the greatest European cars resemble it. Leading engineers of Europe have just exhibited their newest designs at the Paris Automobile Show Such famous makes as the Renault, Fiat, Mercedes, Isota, Lancia, De Dietrich, Matini and many others, show identically the same ideas that Mr. Coffin, working independently of the European masters, put into the HUDSON "33."

Simplicity the Keynote

Simplicity is evident in every detail.

The number of parts used is 900 less than in the average car.

Oiling places can be reached without inconvenience or soiling the clothing.

Moving parts are all enclosed and dust-proof. This includes the valve mechanism, which is exposed in practically all American cars.

The frame is heavier than is used on any other car of its weight.

The motor and transmission are held together as a unit, giving all the advantages of both the three and four point system of suspension.

Wheels are stronger than are ordinarily used.

Springs are so designed that they are practically unbreakable, yet are easy and flexible.

There is greater leg room in the front seat than is provided in most cars.

The steering wheel is extra large, same as on the biggest, costliest cars.

Don't these facts make you want to see the HUDSON "33"?

Think what it means to obtain for $1,250 the masterpiece of such an engineer as Howard E. Coffin.

Think what it means to obtain a car at that price that embodies the ideas that the leading European engineers are this year putting on their cars, any one of which sells for from three to five times the price of the HUDSON "33."

Then think what is indicated by the 687 orders taken the first day.

Doesn't that look as though it would be hard to get prompt delivery of a HUDSON "33" in the spring?

Therefore reserve your HUDSON now.

Write for complete detailed descriptions and address of your nearest dealer.

See the Triangle on the Radiator

HUDSON MOTOR CAR COMPANY

5032 Jefferson Avenue, DETROIT

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THOUSANDS OF MACY BARGAINS

There has never been a midwinter sale quite like this. From field and farm and workshop—from producers, from manufacturers—we have gathered together a wonderful variety of fine merchandise and to sell it all in January and February we offer it at

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Shirtwaists, skirts, petticoats, combination suits, corset covers, table and bed linens, towels, wash goods, dress goods, embroidery, neckwear, infant's wear, apparel for men, women and children, household goods, thousands of the most needed articles gathered together specially for this great sale. Don't buy anything to wear, anywhere, at any price, until you first see what we offer in this free catalogue.

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The Great White Flame Steel Mantle Burner



Specially designed for kerosene lamps and lanterns, develops a brilliant white 32 C. P. light from one inch wick equal to electricity or gas. Safe, reliable, nothing to get out of order. Indispensable for the country home or farm. Sent free upon receipt of 35 cents in coin. Money back instantly if not satisfactory. Agents wanted upon salary or commission. Write for territory.

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420 E. 5th St., Canton, O.

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Swedenborg's "HEAVEN AND HELL" 15 Cents
Stamps taken
Landenberger, Windsor Place, St. Louis, Mo. Pastor

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Its surroundings all are pretty,
And 'tis cheerful in the home;
There's a cordial welcome hanging out
To all the friends that come.

There are pleasant words on every lip
And love in every heart,
For every one about the place
Is doing well his part.

You'd like to know what makes the home
In this ideal state?
Why, don't you know it must be so
Where folks read Up-to-Date?

THOUGHTS THAT COME

THE NEW YEAR

By John P. Stelle.

THE New Year. Yes, it has come again, and I wish to greet every member of every home on the farm with best wishes for the glad New Year. The prattling babes that watched for Santa Claus a week ago, and hugged to their hearts the presents that came, simple no doubt many of them were, but they were given and received with love; the boys and girls who are just opening their eyes to the fact that they are beginning to count something in the family and wondering how it will be when even more importance shall be accorded them; the larger boys and girls that feel like they are almost men and women, and that it is necessary for them to take upon themselves the ways of grown up people; those who have but just left the parental roof and entered upon responsibilities they thought they could understand for others, but that they did not know how to apply to themselves; parents whose anxiety for their children is equaled only by the love and devotion that fills their hearts and the hope of a sweet and restful future when life's battles shall have been well fought and they have been crowned with victory; the aged who have seen their children go to new made homes, and who may, perhaps, have been left alone, cruelly robbed of a companionship of many years just at a time when that companionship is so sweet and so necessary—to all these the new year comes, but to each it speaks a different language and brings a different message. My special sympathies go out to all. I can join in their hopes and aspirations, in their wonderings and longings, in their victories and defeats, in their culminating griefs and sadness and loneliness, for I have passed through every stage.

Life is such a mystery! So varied! So contradictory! But only one phase of it comes at a time. Happy are they who see in each the happiness of others, and who have flowers to scatter in the road traveled by every one.

But the new year is a time of beginning. Merry Christmas came to bring joy and gladness. The days leading thence up to the new year have been days of festivity. There has been a relaxation of the sober realities of life, and cares have generally been dismissed; or at least given a place that held them as much as possible out of sight. But now life and its activities must be resumed. What shall the New Year bring?

It will bring some disappointments and sorrows and griefs. There is no doubt about that. But let us hope all these will be tempered as the winds to the shorn lamb; that the Omnipotent Hand may smooth out the wrinkles and level the rough places fate may place in our path, and then that our own good hearts and progressive spirits may lead us on to nobler and better things. It is my wish that when Christmas shall come again, and the New Year shall once more unfold her glad possibilities, that every one of our readers may be able to welcome the festive season with an approving conscience, the true basis of joy and gladness, and to enter the next new year with glad trophies of accomplishment that shall assure constant and permanent success in this strange life we are now living. Let each face be turned to the front, each heart beat with kindness for all, each footstep lead to a higher plane, and each hand beckon onward and upward. I wish every reader of Up-to-Date Farming a happy and successful New Year.

ANYTHING BAD

THE people of this age, beyond those of any other age, perhaps, boast of their intelligence, their learning, their advancement, superiority and goodness; and yet there is much that is bad about all of us. We have not all attained the noble and exalted sentiment an inhabitant of some other world might think we had to hear us talk. But our very talk gives us away sometimes. For instance, if strangers come into the neighborhood, or we meet persons for the first time, what is likely to be the first question we ask concerning them? "Do you know anything bad of them?" Why do we wish to know the bad? So that we may "secretly" tell it to some one else? What is the first we are likely to whisper of them to our neighbors, the good or the bad?

Why not rather learn and tell the good? From what we know of ourselves, we may be sure there is enough that is bad, and that it will be hard enough to conceal it. All that makes any of us worthy to be classed as good is that we may be able to control and smother the bad that is in us, and enable the good to predominate. What part of our nature would each of us prefer strangers should first learn, the good or the bad? Then why not each of us study the good side of others, and let the bad stay hidden if it will?

"There is so much bad in the best of us,
And so much good in the worst of us,
That it ill behooves any of us
To talk about the rest of us."

Kitselman Bros., Box 289 Muncie, Ind., sell farm and poultry fence very low—13 1-4 cents a rod up. Write them for free catalog. See their ad in this paper.

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Write for 12 pieces of our goods to sell at 10c. each. Remit $1.20 when sold and we will send *free* these 4 genuine gold plated rings guaranteed to give satisfaction. Friend Soap Co., Dept. 568 Boston, Mass.



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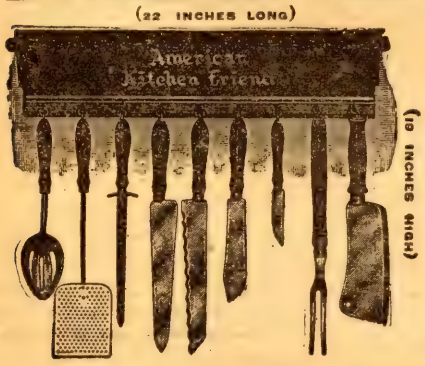
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Select any patterns you want at 10 cents each and send all orders to UP-TO-DATE FARMING, Indianapolis, Ind.

HINTS THAT WILL MAKE SOME PEOPLE MAD.

Don't be a "slow poke," but don't be in too great a hurry—don't figit and don't worry.

Walk a great deal; it is the best of exercise; but don't walk too fast. A quick, flirty gait is never graceful.

Don't meddle in other people's business. If you want to know everything about everybody, you'll want to tell it, and then you'll be a ——.

Don't be everlastingly talking about your own aches and pains; and if you have gone through a dangerous illness or operation, never talk about it. It is not entertaining to others, and having it constantly in your mind, and on your tongue is no benefit to you.

Don't talk too much. You'll say a great many foolish things if you do.

Don't gesticulate and try to act out everything you say. Such things are not taken as an evidence of vivacity; it is more in the line of "gush." Be deliberate and natural; that is what wins.

Some women are overworked and become nervous. Rest, no matter what goes undone, and quit thinking about it. But some become nervous because they are unoccupied, body and mind. Find something congenial to do, and something entertaining to read and think about.

If you are too thin, cultivate the laugh habit—not the giggle nor the forced, sham, laugh, but the laugh that gurgles up from the soul and is felt all over. Don't you remember the saying: "Laugh and Grow Fat?

A Collision

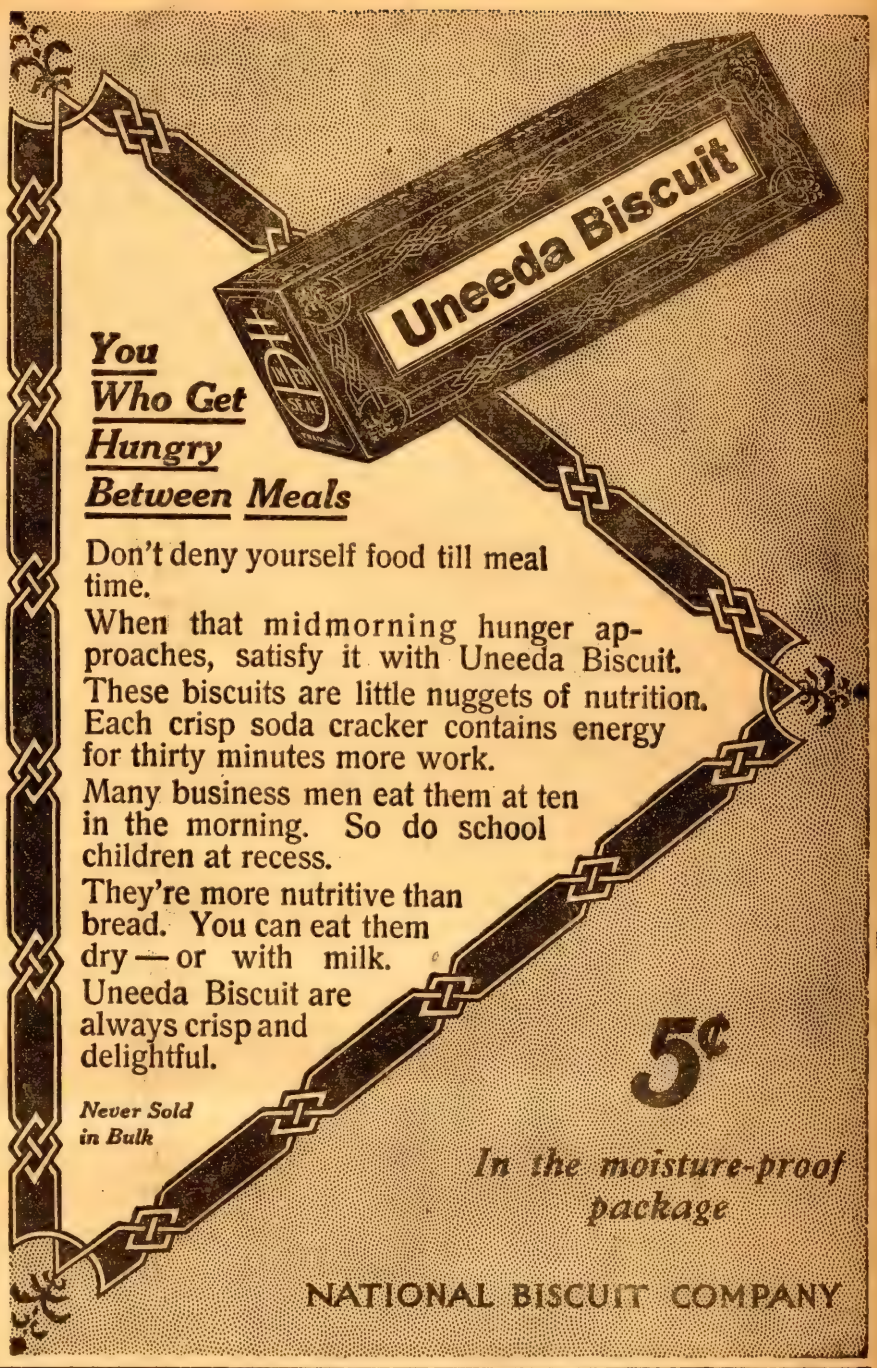
Noticing some excitement near the station, the traveler asked:

"Been a wreck?"

"Yes," soberly replied the agent.

"Anybody hurt?" queried the traveler.

"Don't know," was the reply, "both parties are gone. The mule had some flies on his legs that the man tried to brush off. After he done it the mule ran away, and the man, he ain't come down yet."



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Don't deny yourself food till meal time.

When that midmorning hunger approaches, satisfy it with Uneeda Biscuit.

These biscuits are little nuggets of nutrition. Each crisp soda cracker contains energy for thirty minutes more work.

Many business men eat them at ten in the morning. So do school children at recess.

They're more nutritive than bread. You can eat them dry—or with milk.

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NATIONAL BISCUIT COMPANY

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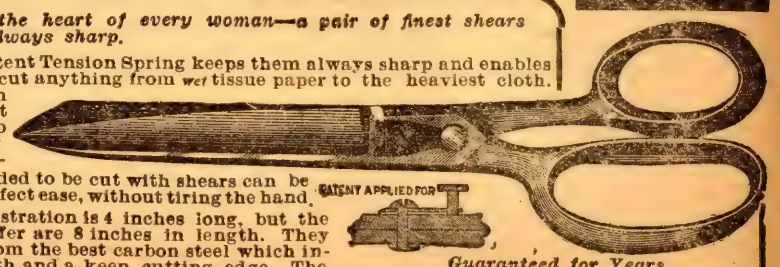


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Ever-Sharp Shears FREE

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The Patent Tension Spring keeps them always sharp and enables the user to cut anything from *wet* tissue paper to the heaviest cloth. The tension on the rivet can be set so that any kind of material intended to be cut with shears can be cut with perfect ease, without tiring the hand.



The illustration is 4 inches long, but the Shears we offer are 8 inches in length. They are made from the best carbon steel which insures strength and a keen cutting edge. The manufacturers guarantee quality of material and workmanship in every pair.

Guaranteed for Years.

MY OFFER: One pair of these Shears will be sent free for your renewal or a new subscription 2 years for 50 cents.

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Mason Supply House, 145 W. Ohio St., Chicago, Ill.

Pearl Eardrops—Gold Plated

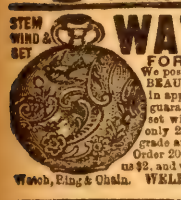
Adjustable to any ear, with small set screw device, and without having ears pierced, (see cut.) The most beautiful set of gold plated, pearl eardrops you ever saw, as here shown. All the rage now. New and never offered before. You will be delighted with them. Send no money—just your name and address and we will send you 12 packages of our extra fine new needles, (55 needles to a package and worth 25 cents.) Sell them for only 10 cents a package; when sold, send us the $1.20 and we will send you this exquisite pair of beautiful gold plated pearl eardrops by return mail, charges prepaid. Send to-day. Address
2-3 Size. **MASON SUPPLY HOUSE, 145 W. Ohio St., Chicago, Ill.**



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Our American made, stem wind watch with beautifully designed case, factory-tested, guaranteed for 5 years, and exquisite ring set with a brilliant stone are given to boys and girls for selling 20 packets of high grade art post cards at 10c a packet. Order 20 packets to-day. When sold, send us $2.00 and we will positively send you at once the watch, ring and chain.
Palace Mfg. Co. Dept. 507 Chicago

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WATCH RING & CHAIN FREE

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We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the
Watch, Ring & Chain. **WELLS MFG. CO., DEPT. 125 CHICAGO**

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25c Takes pictures 1½ x 1½. A little gem. Sure to please. Leatherette covered camera and complete outfit of plates, paper, chemicals, &c. with complete instructions so any boy or girl can take GOOD PICTURES of landscapes, buildings, friends, &c. all sent for only 25c (silver) or 3 for 60c.
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UNION CARD CO., B 73 Columbus, Ohio.



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150 Gold Back Post Cards FREE.

Send 10c today for postage, etc., on our special samples and big Holiday Bargain Offer. IDEAL POST CARD CLUB, Dept. 165 CHICAGO

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

I think that every Cadet and Pioneer had a merry Christmas, a happiness that will continue a pleasant memory through all the years of coming life, pleasant because of something good that was done; and that there now lies before each a year with as many joys and as few sorrows as it is possible to come to people in this world of shadow and sunshine. I precede the letters this time with the following kind note from a generous hearted Minnesota man. Though too late for Christmas, "it is never too late to do good."

Gentlemen: I am not a member of your happy band of Cadets, as I have passed the Cadet age; but I would like to say a word in behalf of our little crippled friend, Nellie Tipton of Marysville, Tenn. Would it not be an act of true friendship to give her a dime shower for her Christmas? She has musical talent, and is trying to obtain a musical education. It may serve as a means of her future support. She plays the violin, but she cannot play the organ because she cannot use her feet. Therefore a piano is a necessity in her case.

I have received several letters from Nellie, and I sent her 25 cents for her photo. If all the Cadets knew what a fine picture it is, I am sure each one would send for it. The ten-cent shower and buying the photo would build up the piano fund, and it would give us all another Christmas deed to remember. Now, Mr. Everitt, if you will kindly publish this letter in your valuable journal, I will thank you in advance, as I am a subscriber and reader of Up-to-Date Farming, and prize the paper highly.—Will L. Moore, Long Prairie, Minn.

We approve Mr. Moore's suggestion. A dime is a small amount, but enough of them may aggregate a large sum. Our first business this week s to introduce a Hoosier girl:

Dear Cadets: I am a Hoosier girl, and I wish to join your happly band. I am 17 years old and I live with my grandparents on a farm of 230 acres in Jasper county. There is about one inch of snow on the ground, and it is snowing again this morning (Dec. 12). The principal crops raised in this county are corn, wheat and oats. Fruit is also raised here, but this year it was almost a total failure. I graduated from the common school in 1909, and I do not go to school any more. In the summer I like to take long horseback rides. I am greatly interested in the Cadet letters, especially those from Nellie Tipton. Should any of the Cadets care to exchange cards or correspond with me, I will promptly answer all.—Hazel Mason, Tefft, Ind.

Dear Cadets: I hope you will take me into your happy band. My brother has taken your paper for some time. We take lots of papers, but we think Up-to-Date the grandest of all. I am 14 years old and live on a farm of 235 acres. I have a good many pets, among them a white bantam that looks like a dove. I also have 11 little chicks that I think will need stockings pretty soon. Will the Cadets help me knit them? This is a very fertile and healthy country. I enjoy horseback riding very much, and also roaming about over the farm. I would like to correspond with Date Grover of Missouri.—Affie Alma Davis, Wytheville, Va.

Dear Cadets: I have been reading your letters for some time, and I would like very much to join you. We all think Up-to-Date the finest paper ever printed. I am 18 years old, and live on a farm of 235 acres. We raise hay, grain and fruit, apples being our principal fruit. We raise good crops every year. I would like to correspond with any of the Cadets, especially with Alfred Leonard Orndorf of Virginia.—Hallie G. Davis, Wytheville, Va.

Dear Cadets: We live on a farm of 480 acres. I am 20 years old, and we live 25 miles northeast of Des Moines, the state capital. I am sending a quarter to-day to pay for a year's subscription to Up-to-Date Farming. I think the paper is fine. I would like to exchange cards with any of the Cadets.—John Herman, Maxwell, Iowa.

Dear Cadets: I am a farmer's wife, 17 years old, and I am a reader of Up-to-Date Farming, and I enjoy it. I live on a 160-acre farm in Morton county in the south west part of Kansas. One of my friends is a Cadet, and has received so many pretty cards that I thought I would like to be a member also. I think the editor is very kind to give the young people a corner in his paper. I would like very much to exchange cards with the Cadet friends.—Mrs. Guinnie Daniels, Ceess, Kas.

Dear Cadets: I do not take Up-to-Date Farming, but my father does, and I think it is a fine paper. I am 17 years old, and I live on a farm of 120 acres, about 16 miles from Toledo. I like farm life, but I like steam engineering better. I have run an engine for the last 4 years. My father owns a threshing outfit. I would like to exchange cards with the Cadets.—Howard Carter, Haskins, Ohio.

Dear Cadets: I am 17 years of age, and go to Bunker Hill school, which is about half a mile from home. My teacher has started a singing school, which we hope will be a success. My sister Georgia, whose letter you printed some time ago, has received a number of letters and postals from the Cadets. My papa takes Up-to-Date now, and we think it a splendid paper. You will please find enclosed 30 cents in stamps for which you will send me Up-to-Date for one year to begin when papa's time expires, also the 20 Christmas and New Year postals; and I wish to be a Cadet and a Pioneer of Equity. I would like to receive cards from the Cadets, and will answer all I receive.—Huldah Hoch, Sugar Grove, Ohio.

Dear Cadets: I am 16 years old, and I live on a farm of 100 acres. I go to high school in a nearby town. We raise corn, wheat, oats, rye and barley. I like farming very well. I will exchange cards with any of the Cadets.—Worthy Denman, Angola, Ind.

Dear Cadets: I take Up-to-Date Farming and I would like to become a Cadet of Equity. I am 20 years old, and live on a grape farm. My father has a farm of 125 acres, with 50 acres in grapes, which is the main product in this section, as we are in the Chautauqua Lake region. I enjoy reading the letters of the Cadets, and think Up-to-Date is a very nice paper. I would like to exchange postals with any of the Cadets.—Bessie Arnold, North East, Pa.

The letters of your sisters Katie and Millie are all right, Bessie, and they are both enrolled as Cadets, but we have not room to print all the letters. The picture of your father with his last load of grapes, that Millie sent, is splendid, and I am glad to have it.

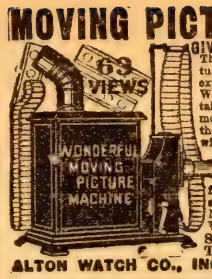
Dear Cadets: My sister takes Up-to-Date, and we think it a splendid paper. I am a girl of 19 summers, my birthday being the 3rd of March. I would like a post card shower then. I have three sisters at home, two of them being school teachers, so I have to be pretty good. We live on a farm 5 1-2 miles from town. I was raised on a farm; besides I think I would like farm life better than the city. I would like to receive a postal from each of the Cadets, and I will send one in return.—Bessie Lemley, Unionville, Mo.

Dear Cadets: I am a West Virginia boy, 16 years old, and I live on a farm of 104 acres, 4 miles from Cameron on the Baltimore and Ohio railroad. Our principal crops are corn, wheat, oats and potatoes. We have 120 head of sheep, 12 hogs, 4 horses, 3 cows and about 150 chickens. We send our milk to the creamery at Glen Easton, where it is made into butter that sells from 35 to 40 cents a pound. I have no brother, but I have one sister, 14 years old. We take Up-to-Date Farming, and all think it just fine. We are having cold December weather here with a foot of snow. My birthday was November 29, and I received about 45 post cards. I would be glad to receive cards and letters from the Cadets.—W. Lester Parsons, Cameron, W. Va.

Dear Cadets: I will be 17 years old March 9. I live on a farm of 80 acres, and keep house for my father and brother. My brother is a school teacher, and my father is a farmer. We have taken Up-to-Date Farming nearly a year, and think it is the most up-to-date paper we take. I love to read the Cadets letters, and I would like to exchange cards with the Cadets.—Ines Ida Born, Millersport, Ohio.

Dear Cadets: Here is another Michigan girl who wishes to become a Cadet of Equity. We take Up-to-Date and think it a grand farm paper. I am 16 years of age, and we have a farm of 76 acres, about 30 acres of which is timber lying along the bluffs of Lake Michigan. I am

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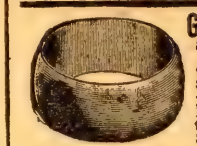
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Watch, Ring & Chain. **WILLARD WATCH CO., Dept. 137 CHICAGO**

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This fine, sweet-toned violin also white horse hair bow and box resin free for selling 20 pkgs. Art Post Cards at 10c per pkge. Send for cards—When sold, send $2.00 and Violin and Complete Outfit will be sent promptly. Satisfaction guaranteed. **ALTON WATCH CO., Dept. 49 Chicago**



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Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the $1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring, not the cheap kind. Address, R. F. MOSER, 332 Household Bldg., Topeka, Kan.

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Lovely assortment of 20 Artistic Christmas, Friendship, Good Luck, Roses and Flowers in exquisite colors, all for only 10cts. if you answer this ad immediately.
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Latest pocket curiosity Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c, stamps or silver **Alden & Co., Sta. A, Indianapolis, Ind.**

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We will send you 10 of the prettiest post cards you ever saw if you will cut this advertisement out and send it to us with 4c to pay postage and mailing and say that you will show our post cards to your friends and explain our offer to them. D-223, NEW IDEAS CARD CO., 233 So 5th St., Phila., Pa.

This paper never deceived its subscribers nor ever gave them bad advice

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If you want 10 of the most wonderful and beautiful Valentine Post Cards you ever saw simply send me your name and address today. Enclose 4 cents, coin or stamps, to help pay postage, etc., on the Cards, and I will send you the 10 Valentine Cards and tell you how to get a collection of 50 free. Under no conditions will more than one set of Cards be sent to members of the same family. **This offer good only in the U. S.**
R. L. BLAGG, Editor 133 Factory St., Springfield, Ohio

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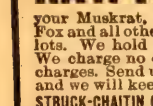
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Send them to JONAS D. EMERY, the fastest growing Fur House in the entire MiddleWest. Prices may often change but My liberal and fair assortmentf never will. Write today for price list. I hold shipments separate and to any one not fully satisfied I will return your furs and pay all express charges. I also handle Hides, Junk and Roots. JONAS D. EMERY, Concordia, Kansas

FOR YOUR HIDE'S SAKE

Have it tanned with the hair on for a coat, robe or rug. Moth proof, no smell. Freight paid on 3 hides. You furnish hide, we do all the rest and make coat for $10.00 up. Robes $5.50 up. Write for price list.

THE WORTHING & ALGER CO., HILLSDALE, MICH.

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Skunk, Mink, Raccoon, Opossum, Fox, Muskrat and other furs are **bringing high prices in New York, the best market for you to ship to.** Do you want to know

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Write and ask for my price list—it's free. Highest commercial references. Address Dept. **C 156**

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CUSTOM TANNING!

Honest Work--Low Prices. Warm, durable Robes, Coats, Gloves and other Garments made from your Hides and Skins. Price List and full particulars on application.

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Trappers, Shippers, write to us for our Price-List. Established 1891. Absolute financial responsibility.

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BEEF HIDES — FURS

TOP MARKET — AGENTS WANTED

Geo. Copeland & Co., Steubenville, Ohio

FURS The 1910 Trapping season is here. Our Price List is ready, a post card will bring it to you. We do not charge any commission and pay all express charges. Send today for our free Price List.

JASPER POTTS, 537 Chas. St., Wellsburg, W. Va.

attending a district high school, and I enjoy school very much. I spent a week last summer visiting relatives in Traverse City, and had a fine time. I have 4 brothers but no sister. I would like to correspond with Cadets of my age.—Mary Manning, Honor, Mich.

We next welcome two bright, progressive Canadian girls, who know a good thing, and wish to join with the progressive young people of this country.

Dear Cadets: Will a Canadian girl be welcome in your jolly circle? I am 16 years old, have brown hair and brown eyes, and am 5 feet 6 inches in height. I enjoy reading these letters and I think them a great help. I live on a farm of 125 acres, which is considered a large farm here. Our principal crops are grain, hay, apples, potatoes and corn, with numerous smaller crops. We have three large orchards on our place, and raise lots of apples. There are a number of young people on our street, as we call it, and we have good times riding horseback, going to parties, etc. I am not going to school at present, but I attended high school in a nearby town for two years. We have taken Up-to-Date for about a year, and think it a great paper. I would like to exchange cards with Cadets near my own ageffi will gladly answer all I receive.—Helen M. Murray, South Augusta, Ontario, Canada.

Dear Cadets: I have long been a reader of your very interesting page in Up-to-Date Farming, and have wished to become a Cadet of Equity. Would you care for a Canadian member? I am a decided brunette, 5 feet 3 inches tall, and weigh 119 pounds. I live on a 75-acre farm, at the rear end of which is a large wood. We raise an abundance of hay, oats, potatoes, carrots, parsnips, onions, cabbage, pease, beans, corn and cucumbers. We have another farm of 50 acres, with a wood lot containing 13 acres. Our farms are situated about six miles from Brockville, which we visit quite frequently. We have about 40 hens and chickens and some ducks, six cows, four pigs and two horses. I have a riding outfit, and do considerable horseback riding. I am 16 years old, and would like to exchange post cards with Cadets of my own age or over.—Edna Towsley, South Augusta, Ontario, Canada.

Dear Cadets: I am a farmer boy of Jefferson county, Ohio, and I like it here very well. We have lived here 5 years. I was born in Tyler county, West Virginia, but we moved to Ohio in 1905. We have been farmers all our lives, and have 200 acres of land. We take Up-to-Date, and think it a fine paper; there is none like it for the farmer. I am 19 years old, 5 feet, 5 inches tall, and weigh 135 pounds; have fair complexion, blue eyes and dark hair. Wishing all a merry Christmas and a happy New Year.—Ralph Mathes, Hammondsville, Ohio.

Dear Cadets: I live on Buffalo Island, 10 miles from Lake City and 5 miles from Blackoak, on a farm that belongs to Mr. M. J. Shaw. I live with my father and two brothers, and a cousin and her two children. I hoe and pick cotton, and work on the farm. I take Up-to-Date myself, and we all like it fine, especially the Cadet letters; I sure do enjoy reading them. We are having meeting here now. It is a Christian meeting, and I like to go to enjoy the sermons and help sing; we have good singing. I am 14 years old, and would like to exchange cards with the boys and girls.—Minerva Warrington, Mangrum, Ark.

Dear Cadets: Have you room for a jolly Panhandleite? I have read with interest the many letters published in Up-to-Date, which I think is the best paper I have ever read. I am 19 years of age, have dark brown hair and eyes, am 5 feet 5 inches high, and weigh 105 pounds. I am a country girl, and I am proud of it too. I came with my father from the Keystone State, 7 years ago, and it is very lonesome here. I hope all the Cadets will send me a card.—Sadie M. Gordon, Beverly, W. Va.

Dear Cadets: I am a Vermont lad, with black eyes and hair and a dark complexion; weight 135 pounds. I think Up-to-Date is a fine paper. I live on a farm of 133 acres, and we have 16 head of cattle. I also have a pet dog that runs foxes, and I go hunting with her almost every evening. My birthday is February 13, and I will then be 17 years old. How I would like a post card shower.—Ai Tucker, Tunbridge, Vt.

This is the limit of our space again, Dear Cadets, and I am wondering what we can all do to accomplish the most good during this glad new year. Mr. Everitt is anxious to do a great work for the farmers of this country. He believes they ought to have steadier and better prices for what they raise, and that they can secure that by controlling their marketing. This he is teaching them how to do; and the more people we can get to read Up-to-Date the more people will learn it. I do not know how the Cadets and other enterprising young people can do more good than in making up clubs of subscribers for Up-to-Date Farming. It takes very little work to do that, and everyone that gets up a club is given a valuable premium or reward. Take the paper to school with you and try it there, or see your good neighbors and get them to subscribe. Get up the club and claim your reward. We are making a big push for 1911.

Many of our writers will be disappointed at not finding their letters in the paper; but not a single letter goes to the waste basket. Every one is saved, and every writer is enrolled with the Cadets or Pioneers. Following is a coupon to become a Pioneer.

USE THE COUPON

Declaration—Equity is equality of rights, privileges and opportunities. I am in favor of Equity in all the relations of life. Therefore, I want to become a PIONEER of Equity and send one new subscriber to UP-TO-DATE FARMING and 30 cents to pay for it. Please send me the reward of twenty (20) post cards as offered.

My Name .....

My Address .....

Send the Paper to .....

Address .....

A GOOD MINK SET

I have been watching your items in regard to trapping, and am much interested, as I am a trapper myself. I am a cripple, and can walk only with crutches.

I trap only for Mink and Muskrats. My equipment consists of a 14-foot boat, 200 traps, numbers 1 and 1 1-2 Victor, a 32 cal. revolver, and a 12 gauge double-barrel shot gun, which I always take with me.

This year I trapped 30 days and caught 208 rats, 1 mink and 5 skunk. I sold the lot for $70.00.

I always use the runways and natural hiding places to set my traps, and always get the rats. The first set this year caught 52 rats and 1 mink.

I don't use any bait for rats. Sometimes I use muskrats as bait for mink. This is the way I do it. Take the carcas of a rat and run a stick through it. Set this about one foot from the shore, and set the trap in about two inches of water between the shore and the boat. If Mr. Mink comes along you will get him every time, for when he gets the bait he will try to pull it ashore, and in so doing, he gets into the trap.

Some claim the mink a very hard animal to catch, but I have no more trouble to catch them than in catching an ordinary house rat.—L. G. Shepard, Cortland Co., N. Y.



Faint?

Have *you* weak heart, dizzy feelings, oppressed breathing after meals? Or do you experience pain over the heart, shortness of breath on going up-stairs and the many distressing symptoms which indicate poor circulation and bad blood? A heart tonic, blood and body-builder that has stood the test of over 40 years of cures is

Dr. Pierce's Golden Medical Discovery

The heart becomes regular as clock-work. The red blood corpuscles are increased in number—and the nerves in turn are well fed. The arteries are filled with good rich blood. That is why nervous debility, irritability, fainting spells, disappear and are overcome by this alterative extract of medicinal roots put up by Dr. Pierce without the use of alcohol. Ask your neighbor. Many have been cured of scrofulous conditions, ulcers, "fever-sores," white swellings, etc., by taking Dr. Pierce's Discovery. Just the refreshing and vitalizing tonic needed for excessive tissue waste, in convalescence from fevers or for run-down, anæmic, thin-blooded people. Stick to this safe and sane remedy and refuse all "just as good" kinds offered by the dealer who is looking for a larger profit. Nothing will do you half as much good as Dr. Pierce's Golden Medical Discovery.

AN OPEN AIR CURE

We just recently read of a laboring man in Chicago whose son, 17 years old, began to show symptoms of tuberculosis. The doctor advised fresh air, and a removal from the tenement house in which they lived. The frightened father saw his son wasting away and knew not what to do. A brother in Minnesota solved the problem by writing and asking that the boy be allowed to come to him.

On a woodland farm in the northwest the boy was given light tasks, and last winter was taught some of the mysteries of trapping and hunting. He was encouraged and spent the most of the day outdoors.

Now that boy is as strong and robust as any man's son. One who saw him two years ago would not recognize him the former pale, slender, weakling he was at that time.

He feels that he owes his life to the woods, and declares he will stay there.

Fortunately, not many fathers have to hurry their boys back to nature to keep them alive, but this little incident is indicative of the health to be found outdoors. Hunting and trapping will interest the growing boy and keep him in the open. Encourage him in his sport, buy him a gun, if need-be, let him run all over the county just so long as he stays where health is free. When he is grown, and physically fortified for more serious work, with brawny muscle, tanned cheek and rugged constitution, you will be proud of your work, and he will "rise up and call you blessed."

TRAPPERS and HUNTERS

Furs are high. A fact which you are all probably acquainted with, but the question is, are you getting highest market value for yours.

Remember **we** do not charge any commission, pay all express charges, will hold your goods separate for approval of our valuation, when requested, and if not satisfactory will return and pay all charges.

Don't you think we are entitled to a trial shipment on the strength of the foregoing.

For further information write for our free price list and Trappers Guide.

Make us a trial shipment today.

ABROHAMS FUR & WOOL CO.
Fur Merchants Seymour, Wis.

Raw Fur Prices are going to be up and down this winter. Some heavy stocks carried over will probably affect the market. We keep our shippers posted by special bulletins all through the winter. We give you the top price because we post you about the rises and falls. Send your name to get on our bulletin list.

Shipments to us at the right time bring best money and quickest returns.

KANN & COMPANY
55 E. 10th Street, New York City

Big Money Here For Your Hides

Make 100% Profit On Each One



SEND your cow or horse hides to us, and we will make them into warm, comfortable fur coats for yourself or any member of your family, for 50 per cent less than you would pay for an ordinary light cloth coat that lasts but a season or two. There is big money in fur coats. Sell them to your friends, you can quickly and easily make 100 per cent profit on each sale.

A coat like illustration will cost you only $11.00 when you furnish the hide. We pay the freight. Save 50 percent on your own coat this winter and use that money for a fur coat for your boy or girl. Any cow or horse hide makes a beautiful warm coat.

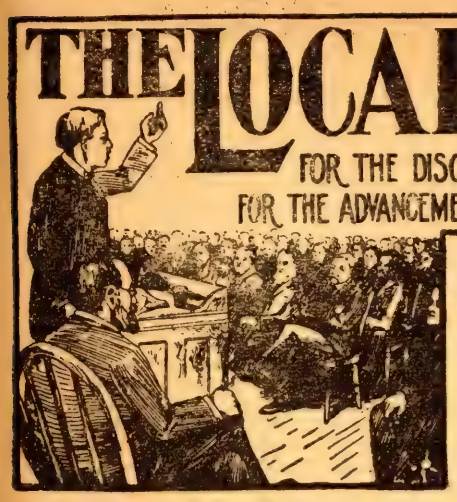
It is poor economy for you to buy a light cloth overcoat that looks good for but one season and lasts about two when you can for 50 per cent less money, get a fur coat, warmer and guaranteed waterproof that will last for many years. You owe it to yourself and family. Keep them warm during the cold winter to come. Your friends want fur coats too. We tan any kind of wild or domestic skins and make them into furs or robes.

FREE with each cow or horse hide coat or robe made from hides furnished by you, we will make free for you a pair of fur knit-lined mittens with horse hide palms.

Send for new, handsome catalog which explains everything and learn about our money saving methods.



NATIONAL FUR AND TANNING COMPANY
28 Arnold St., Three Rivers, Mich. Omaha Branch, 1929 S. 13th St.



It is all in the marketing.

—o—

Some time, and not a great while in the future the farmers are going to fool the speculators.

—o—

They will have an understanding about what are fair and profitable prices to the average farmer. Then they will let their crops go only when they get such prices.

—o—

When that time comes the supply will remain in possession of the first owners, the ones who produced it, until the genuine demand of consumption seeks it and offers the price, instead of being dumped and gathered up by another class of people who produce nothing.

—o—

Then farmers will be absolute in price making for their own produce as manufacturers, merchants, and some other people are now, because they will have no competition. The speculators will then find their vocation gone unless they buy at the farmers prices and speculate above them. Even this privilege will in due time be denied them, because the farmers will make the minimum prices the maximum also and speculation will be impossible.

—o—

Until the time comes when farmers will be their own price makers it behooves them to get all they possibly can for their crops by eliminating all the middlemen possible and shipping direct to the final market where the demand is the best as expressed by the highest prices.

—o—

Some middlemen are necessary, but the present multiplicity, each of whom must be supported, is not necessary and often results in too low prices for the producer and always too high prices for the consumer who buys in a small way.

—o—

To permit the producers to avoid the unnecessary middlemen (toll gates) The Equity System of marketing was established. It is the only great marketing system in the country owned, and operated by and for the farmers. At present it is established in sixty-five of the large markets of the country.

—o—

Its representatives give the same careful, personal attention to shipments and their sale as the owner would, if he wait with the shipment. The representatives, while they have an established trade, do not buy any farm produce, as, if they did they would try to buy as low as possible, but they act as the shipper's agents.

—o—

We would not go into this explanation again, or say that the System is exclusively for subscribers to this paper and members of the Farmers Society of Equity, but for the fact that a great many new subscribers and members are being enrolled each week.

—o—

We have, also, refrained from printing many reports from the patrons of the System to show that it does give the benefits hoped for, because it could not be otherwise when we consider the saving by avoiding a number of the old toll gates and glutted markets, and sales in the highest markets in the country. The Equity System, because of these advantages is certain to net the producers more than was realized under the old system.

—o—

But we will not refrain from printing a letter just received from one of the patrons of the Equity System because the shipment referred to was made under very unfavorable conditions. The letter is as follows:

Lake City, Mich., Dec. 20, 1910
THE EQUITY SYSTEM,
Indianapolis, Ind.

Gentlemen:—I am in receipt of yours of 15 inst. (December) with statement and settlement for my potatoes. I am very much pleased with The Equity System. You have done better for me than I expected considering the condition of the potatoes. Parties who saw them when I was loading said I would not get anything for them. We had very cold weather while loading. It was too cold to handle from pit to car but the car was here at our expense and we had to load it the best we could. But the weather finally got so cold we had to stop when 400 bushels were in it.

I don't think we could have gotten over 20 cents a bushel here at the time, but through The System we netted 26 1-2 cents and it would have been more if we could have sent a full car load, and if none had been frozen in loading. Long live The Equity System.

JACOB T. HOSE.

—o—

It is not a secret that we want to withold from our readers that the original Equity Society was called The American Society of Equity of North America, as we have referred to it, many times in these columns with regrets. Also all our old readers know the original society was captured by conspirators in 1907 and dragged away from the true faith and principles of Equity.

—o—

In 1907 it had a large membership in all the great agricultural states and farmers were reaping benefits in prices that they never enjoyed before, the result of cooperation along correct lines.

—o—

In Kentucky there were 27,781 members in October 1907 and the tobacco growers had gained victories in pricing and marketing their crops such as were never known in the history of agriculture in this or any other country.

—o—

The success of the movement, the soundness of its plans and the results secured in marketing surpassed the expectations of its most sanguine supporters.

—o—

Before the sound teachings of this paper and the plans of the original society were departed from in 1907 it was demonstrated to the satisfaction of every friend of the Society of Equity, and to the confusion of all its enemies that farmers could cooperate in marketing to compel profitable prices.

—o—

But a year may destroy what was in building many years. The old society is now only a regretful memory with its old members. But having had a taste of victory what is more natural than that the old members would turn to the Farmers Society of Equity, which took up the work where the first society threw it down? The following letter is an example of many we receive:

Hon. J. A. Everitt, Pres. F. S. E.

Dear Sir:—I am writing to see if you cannot rebuild the Society of Equity for us. It is plain to us now that there were traitors in our ranks, and we are no longer in doubt as to who they were. Give us the Society again and the expensive lessons we have learned will, I believe, forever keep the farmers from turning from the true, tried and successful plan. Through the Equity Society we forced our prices up until farming was an honorable and profitable business. But because of our fall the speculators are again ready for our tobacco crop on the auction sales, or the loose-leaf floor where we sold at 3c@ 1c in 1904. Our farmers realize now that by permitting the crime of 1907 they killed the goose that laid the golden eggs. — T. B. McGowan, Kirkmanville, Ky.

—o—

Kansas had 5,000 members in 1907. The old society is disrupted there and the new society has not yet taken its place. The result is that Kansas is suffering from the dangerous disease called "crop dumping" as is the whole country, and joins her sister states in calling for help. The following letter just received tells Kansas' story:

Hays, Kansas, Dec. 19, 1910.

Dear Mr. Everitt:

I have a message and a question for my dear brother farmers. Will you carry them to them through your paper?

Question: What has the Society of Equity done for me?

Let us all ask ourselves this question. If we are honest and candid we must admit that in the brief space of time it existed it did a wonderful work notwithstanding the opposition it met with from the special interests and some of those who should have been its friends, but did not understand it. There never was a period of such great prosperity in the history of American agriculture as during the time the plan of controlled market was made to bear on price making. Some may attribute the good prices to other causes, but my belief is, the controlled marketing movement, so ably championed by UP-TO-DATE FARMING was the prime actor in the play.

Not alone members of the society kept the minimum prices in mind, watched the markets and refused to sell at prices made by the boards of trade, but probably a million of their neighbors followed their example. The effect was prompt and almost miraculous. The demand notwithstanding the large crops became the most urgent known in many years and soon our prices were paid. This continued until this last year. If the same sound advice had continued to reach the farmers, so they could have exercised the same good judgment in marketing as formerly, I know of no reason why the stupendous fall in price could not have been averted.

The period of good prices has shown wonders in Kansas. New and better buildings have been built, mortgages have been paid off, more land bought, our children attended normal schools and many other comforts and blessings enjoyed that formerly were beyond our reach. But this is not all, land here in Ellis county that could be bought for $10 to 15 per acre is now worth $30 to 75.

But are we doomed to return to the old order of things. The old Society probably has not a member in Kansas now where it had 5,000 in 1907, and the new Society of Equity has not yet been established.

Each of us has a duty to perform in this great work ahead of us, to bring our crops under control again. There is not one of us but can help. We can easily do a share in increasing the circulation of our paper—the champion of the farmers, the Great Teacher of Equity—UP-TO-DATE FARMING—and then cooperation and organization will be easy.

Now let's all start after five new subscribers each and give our paper a circulation of three quarters of a million copies. Let us each cast some coals under the boilers so that with a great burst of speed our great paper may speedily have the power to stop declining prices and put them back where they formerly were.

FRANK MOORE.

P. S.—Mr. Everitt, do you expect to put some organizers in Kansas soon?

The harvest truly is great but the laborers are few. We would like to send organizers to Kentucky and Kansas and have calls, as urgent ones from more than a dozen other states. But organizers are few, now and all at work. Our reply to all such letters is to let the local people attend to the local needs. Any person of average ability can get 10 or more farmers together and organize a local union. This is the way the society must develop at present. Where there is a special emergency the National organizer will be sent on request.

—o—

If you have not read pages 16 and 17 of this issue please turn to them now and read every word carefully and then do your part. It was such letters, coming from all over the country, as we printed above from Mr. McCowan and Mr. Moore that decided us to prepare the appeal on those two pages. It will take time to reorganize the society but the fatal trend of prices downward can be stopped in a month, if farmers want to stop it, and sent up where they should be in a very short time if the subscribers of this paper will act now.

—o—

If each subscriber will see that five of his neighbors reads this paper, and particularly the double page spread, it will reach three quarters of a million farm homes. Do you see what significance this has? Do just this one thing and you will have done more for your own business and farming in general than you will ever be able to do in the future with as little effort.

—o—

J. H. HARPSTER SECURED

The Farmers Society of Equity and this paper have secured the services of Mr. J. H. Harpster of Millersburg, Ohio, who will go to the fruit and truck producing districts of Florida and establish The Equity System of Marketing.

Mr. Harpster may also be consulted by our readers who may contemplate locating in that state and who want reliable advice about land and location before investigating or going south. Florida truck growers produce crops at a season when they have no competition, so it is a matter of avoiding glutted markets and directed shipping when the industry is bound to return large profits. The Equity System will solve their marketing problem.

Until advised to the contrary address Mr. Harpster at Millersburg, Ohio.

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each subscriber of Up-to-Date Farming, or member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work on them. In a few days after you mail the blank, below, you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is now free for a short time to SUBSCRIBERS whose time is paid in advance as well as to MEMBERS.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

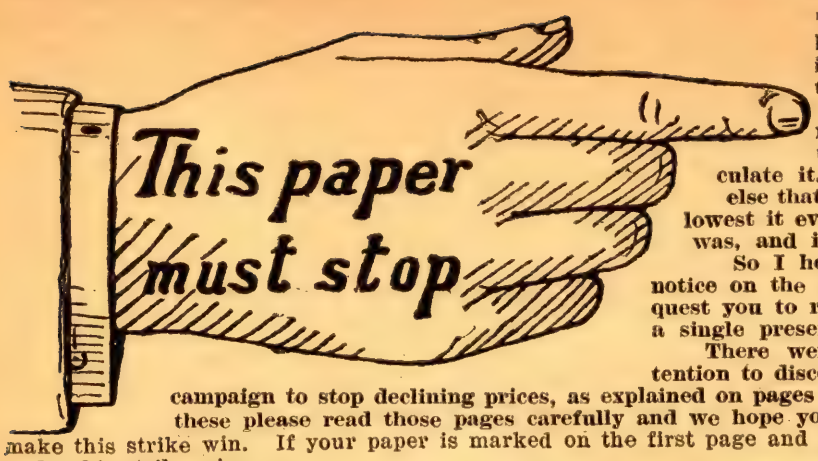
Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R..... Shipping Station..... State.....

Are you a member of F. S. E.....

Are you a paid in advance subscriber to Up-to-Date Farming..... Jan. 1, 1911



The rule of the post office department is that a semi-monthly paper, such as UP-TO-DATE, MUST STOP within three months of the time the subscription expires. That is, three months grace is allowed by the post office department for our subscribers to renew.

But we believe any person who values this paper enough to renew after three months, and has a heart interest in the work we are doing, should renew when his time is up. It costs money and a great amount of it to publish the paper and circulate it. It costs more now than it ever did before because paper and labor and everything else that enters into its production is the highest it ever was, while the subscription price is the lowest it ever was. Notwithstanding the small subscription price the paper is the best it ever was, and is doing a greater work than it ever did before.

So I hope each subscriber will refer to his address on his wrapper, also look for a marked notice on the first page. If your subscription has expired we most respectfully, but urgently request you to renew at once. We don't want to lose a single subscriber. YOU cannot afford to have a single present subscriber quit now but each one should bring new ones.

There were about 50,000 subscriptions expired with the December number. It was our intention to discontinue those that did not renew, with the December 15th number but because of the campaign to stop declining prices, as explained on pages 16 and 17 of this issue, we concluded to send them this number. If you are one of these please read those pages carefully and we hope you will now send your renewal and help make this strike win. If your paper is marked on the first page and if you do not renew at once, this is the make this strike win.

I hope it will not be GOOD-BYE, but that you will be a subscriber to UP-TO TO-DATE FARMING as long as I am its editor.

Yours devotedly,

J. H. Everitt

Editor.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



Minimum prices on other crops will be announced later.

WHEAT—No. 2 red, at Chicago	$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis,	1.20
CORN—No. 2, at Chicago after Jan. 1	.65
OATS—No. 2 white, at Chicago	.47
BARLEY—Good malting, at Chicago	.75
RYE—At Chicago	.75
BUCKWHEAT—At home	.85
BEANS—at Detroit	$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton	$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.	$7.50@8.50
HOGS—At Chicago, per cwt.	$7.00@7.50
POTATOES—Good to choice	50@60
CABBAGE—Choice, at Chicago Per ton	$20.00
BROOM CORN—At Chicago,	$150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb.	15c

WESTERN RECEIPTS OF GRAIN

Comparisons, Dec. 5 and year ago.

Wheat, bu.	**1,130,000**	**742,000**
Corn, bu.	**825,000**	**850,000**
Oats, bu.	**680,000**	**349,000**

ADVICE—Hold wheat, corn, oats beans and broom corn. Market gradually barley, hay, cattle, hogs, potatoes, cabbage, apples and cotton.

WESTERN RECEIPTS OF GRAIN

Wheat, bu.	**632,000**	**540,000**
Corn, bu.	**800,000**	**904,000**
Oats, bu.	**633,000**	**437,000**

ADVICE

Hold wheat, corn, oats, beans, broom corn, hay, cabbage. Market barley, cattle, hogs, cotton and potatoes gradually.

HOLIDAY season has ruled to an extent in the coarser farm products since our last report and the attention of handlers was largely given to handling fine fruits, poultry, etc., to supply the demands of consumption at this time. With the holiday season past we may reasonably expect a better demand for all grain, potatoes, cabbage and other course products.



The drought has been partially broken in the South-west, but there is still needed additional moisture for the growing wheat. In the Central and Northern Winter Wheat producing area snow has very generally, covered the crop, to its benefit. It is impossible to make any approximately accurate estimate of the 1911 yield as the very low condition, (Report of the U. S. Dept. of Agriculture for Dec.) 82.5 against 95.8 last year, 85.3 two years ago and 91.3 the ten years average, may be reversed. But the most dangerous periods are yet to be passed. We refer to spring thawing and freezing and from Hessian fly. Fly is more prevalent in the growing wheat than for many years, the result of the late, warm fall. Should next spring be dry, great damage will be almost sure to result.

Features of the two weeks period, since our last report are: Wheat has at last shown a small decrease in the visible supply. One encouraging feature is in the fact that it is over 9,000,000 bushels less than two years before. The cash price then (December) in Chicago ranged between 99¼@$1.09, reached $1.24 in March following, $1.44 in April and $1.54 in May. We admit that speculation was responsible for the very high prices, but the very conditions that made the corner successful, and the high speculative prices possible were favorable for farmers to corner the crop. Unless the winter and spring weather prove phenominally good for this growing crop, we consider the conditions will again be excellent for speculative operations. We are of the opinion that some strong interests are loading up at the present very low prices, intending to take advantage of any unfavorable conditions that may develop, to force the price up.

But outside of helps from speculators farmers can put the price up if they market conservatively. They will find the demand improved as soon as there is a maintained, substantial advance. The price of wheat remains about the same as two weeks before.

The corn visible has increased slightly while price has declined 1 to 4c in the various markets. How easy it would be to wipe out the visible entirely is shown on page 16 of this number.

Oats also scored a slight decrease in visible and a cut of 1c in the price. Barley is a record low mark as regards visible supply. Holders of barley can get almost any price they ask if the demand for it was general.

The following figures tell the market story:

VISIBLE SUPPLY

The visible supplies of grain in the United States by Bradstreet's reports on December 17, 1910, with comparisons are shown in the following tables: (The sign — before figures means decrease, X means increase.

	December 17, 1910	Change from two weeks before
	Bushels.	Bushels.
WHEAT	53,713,000	—719,000
CORN	4,455,00	X1,260,000
OATS	23,729,000	—430,000
BARLEY	2,944,000	—333,000

COTTON—The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Dec 16, 1910	Dec. 9, 1910	Dec. 17 1909
American	3,977,700	3,756,263	3,776,809
Foreign	902,000	890,000	981,000
Total	4,879,700	4,646,263	4,757,809

The total visible increase in two weeks 872,812 bales.

CLOSING PRICES OF CASH GRAIN

Cash grain closed in the leading markets, on December 24th, as follows:

	Wheat No. 2 Red		Corn No. 2 White		Oats No. 2 White	
	Dec. 24	2 wks before	Dec. 24	2 wks before	Dec. 24	2 wks before
Chicago	94⅛@94⅛	98⅜@94⅛	47@47⅛	51 @51⅛	33¼@33⅛	34@34¾
St. Louis	96 @97	96 @$1.00	46	47⅛@49⅛	32	33
Kan. C.	95 @96⅛	95 @96	42½	45	31 @32	32@35
Cincin.		96 @$1.00		54 @54⅛		34@34½
New York	98 @98⅛		53½		38¾	

Minneapolis—Wheat, No. 1 hard, spring, 1.03⅛; two weeks before, $1.05⅛. No. 1 Northern, spring, $1.01¾@1.02¾; two weeks before $1.04¼.

FUTURE GRAIN PRICES

Chicago futures closed Dec. 24, as follows:

WHEAT—Dec., 92⅜c; May, 96¾c; July, 93⅜. Two weeks before, 91¾, 97⅛c and 94¾c, respectively.

CORN—Dec., 46⅞c; May, 48¼c; July, 49⅛c; Sept., 50½c. Two weeks before, 46⅞c, 48¼c and 49⅝c, respectively.

OATS—Dec., 31⅜c; May, 34¼c; July, 34¼c. Two weeks before, 32⅜c, 34⅞c and 34¾c, respectively.

CHICAGO PRODUCE MARKET

Dec. 24, 1910.

POTATOES—Arrivals by cars, with comparisons, as follows:

	This week.	Last week.	Last year
Monday	76	44	33
Tuesday	34	52	50
Wednesday	15	26	12
Thursday	24	38	45
Friday	23	37	33
Saturday	18	51	*
Total 6 days	190	248	173

* Holiday.

The market was steady. Trade was fair, Michigans selling over a range of 40c to 44c. Buyers wanted fancy stock, but there was not a great deal to be had. A better trade is generally expected next week. Receipts are moderate, and on track the supply is not large. A boat with 6,000 sacks on was reported in to-day.

Sales reported were: Michigans—1 car at 40c, 1 car at 41c, 1 car sacked at 42c, 2 cars (1 car sacked) at 43c, 1 car at 44c.

Per bu, Michigan, round, white, common green to good	$ 40@	43
Really nice, ripe	45@	..
Wisconsin, immature, frozen stock, small or large and hollow	35@	40
Very poor and frozen down to	30@	..
Fair to good	41@	43
Fancy round, white	45@	..
Kings, fair to choice	38@	41
Fancy possibly up to	43@	..

The price is practically the same as two weeks before.

New potatoes—Bermudas moved slowly at $7.00@8.00 per barrel.

HAY—Market quiet. Offerings large and demand light.

Choice Timothy Hay .....$18.00@18.50

Change from a year before	Change from 2 years before	Change in same period last year
Bushels.	Bushels.	Bushels.
X16,058,000	—9,585,000	X1,950,000
—5,661,000	—5,573,000	X1,055,000
X3,219,000	X7,298,000	— 530,000
—2,184,000	—5,565,000	— 878,000

No. 1 Timothy	16.50@17.50
No. 2 Timothy	15.00@15.50
No. 3 Timothy	13.00@14.00
Prairie	

The price is about $1.00 a ton lower on Timothy Hay. No quotation on prairie.

BROOM CORN—Quiet at former prices. Supply fair, but present arrivals very moderate.

Price—Choice, $130@140. Medium, $110@120. Common, $90@100.

The price is the same as two weeks before.

BEANS—The usual buyers are getting along with just as few Beans as possible through holiday season. Demand in consequence is running light. Sales being made are choice goods. There are under grade Beans of different kinds offered. They are slow and neglected. Prices have not changed any to speak of for some days. Quotable:

Pea Beans:	
Hand picked, choice	$2.08@2.10
Good but not strictly hand picked	1.98@2.00
Off grades	1.85@1.95
Mediums nominally about the same as Pea Beans.	
Red Kidneys	2.75@2.90
Soft and damaged	2.25@2.35
Brown Swedish	2.50@2.60
Limas, California, per 100 lbs.	5.55@5.60
Rain stained	5.25@

The price of Pea Beans is about 10c a bushel lower than two weeks before; Red Kidneys, the same; Brown Swedish, about 20c a bu. lower and limas about the same.

APPLES—There is a good strong tone. Sales are fair both on local and outside account. Few apples now coming in. Stock is not scattered over the market so much as some time ago. Stocks are getting down into fewer hands. Holders are firm. Some of the finer goods bring above the regular quotations which range as follows:

In the descending order of grades from fancy, choice and No. 1 there is a discount of 50 to 75c for each grade per bbl.

Baldwins, New England, No. 1, $3.50@4.00, No. 2, $2.50@2.75; New York, No. 1, $3.75@4.00, No. 2, $2.50@2.75; Pippins, all kinds, No. 1, $3.50@3.75, ordinary quality, $2.50@3.25; Greenings, fancy, cold storage, $5.00; Wine Saps, No. 1, $3.75@4.00; Twenty Ounce Fancy, $4.75; Talman Sweets, $3.25@3.50; Grimes Golden, choice, $4.00; Ben Davis, No.1, Missouri, $3.50@3.75; New York, No. 1, $3.00@3.50; King, No. 1,$4.00@4.50;Jonathan, good, $4.00@4.50;Wagners, $3.25@3.50; Snows, No. 1 to fancy, $4.00@4.25; Spies, fancy, $5.00@5.50; York Imperial, No. 1, $3.50@3.75; Russets, No. 1,$3.50@3.75.

Cooking Apples, different kinds, good to choice. $2.75@3.50.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This week. Cases.	Last week. Cases.	Last year Cases.
Monday	1,429	1,686	2,599
Tuesday	3,161	2,356	3,022
Wednesday	1,502	1,959	4,389
Thursday	2,558	1,212	2,551
Friday	1,418	1,480	2,680
Saturday	1,201	1,800	*
Total	11,269	10,493	15,241

* Christmas.

Receipts April 1, 1910, to Dec. 24, 1910, 2,754,582 cases.

Receipts April 1, 1909, to Dec. 24, 1909, 2,783,258 cases.

Receipts April 1, 1909 to Dec. 26, 1908, 2,571,244 cases.

Fresh Eggs doing all right and Storage Eggs dull. Fresh Eggs are saleable, but buyers merely taking such quantities as they are actually in need of and transactions are not large. The stale and miscellaneous lots sell slowly, and refrigerator Eggs also dull.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned, 23½@25½c, depending on quality.

Ordinary Firsts quotable at 27c.

"Firsts" quotably at 29c per dozen.

"Prime Firsts" quoted at 31c.

Checks or seconds quotably 15@17c.

Dirties quotably 18@20c per dozen according to quality.

Refrigerator Eggs are rather easy. No official quotation given. April Extras quotably 22@22*c, and April Firsts quotably about 21@22½c.

The price is about 2c a dozen lower than two weeks before.

Would Cause Less Trouble

A fond mother in Valparaiso, hearing that an earthquake was coming, sent her boys to a friend in the country, so that they might escape it. In a few days' time she received a note from the friend, saying:

"Take your boys away and send along the earthquake."—*Judge.*

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Can't Do Without Up-to-Date

DEAR EDITOR:

I enclose renewal of my subscription and you may send me a Woodland Calendar. I can't do without Up-to-Date and its instructions on marketing farm crops. I have read it three years. Tell me how to organize.—Timmie Palmer, Sarcoxie, Mo.

(*Instructions for organizing have been sent.*—Ed.)

From the Rice Country

DEAR EDITOR:

I moved from Mo. to this country and must have Up-to-Date Farming, so I enclose 50 cents for renewal. I threshed 1,200 bushels of rice this year. It has always brought $1.00 but this year it goes very slow at 60 cents. Your help is needed badly here.—Homer Denison, Stutgart, Ark.

(*You should organize local unions.*—Ed.)

Doing a Great Work

DEAR EDITOR:

Enclosed is my renewal. I don't want to miss a number. You are doing a great work for us farmers with not sufficient encouragement in return. It appears that heaven and earth are being moved to force the prices of our produce below cost with none to oppose but you. Wheat, corn and oats are below cost of production on the average farm now.

With importing countries represented on our boards of trade they are able to force our prices so low that it is cheaper for the foreigner to buy than to raise food, thus leaving the people free to engage in more profitable manufacturing. Europe is rapidly sapping the strength from our farms and farmers. How long must this continue?—F. M. Garrott, Scottsburg, Ind.

(*Just as long as farmers permit it; not a month longer than they want it to.*—Ed.)

Going to Use the Equity System

DEAR EDITOR:

I send a list of 10 subscribers. These farmers all raise crops to sell and we are preparing to use THE EQUITY SYSTEM and will soon call a meeting to organize a local union. We want to buy 25 to 50 barrels of Northern grown Bliss Triumph potatoes.—J. C. Williams, Walker, La.

(*Will our subscribers who have the potatoes please offer them?*—Ed.)

Wants Cost of Production

DEAR EDITOR:

Equity is the thing. Up-to-Date Farming ought to be on every farm. But I think you ought to go one step further. I think the cost of producing every farm crop should be figured out honestly and then fix prices, based on the cost and a fair profit added. That would end exorbitant prices and knock out the speculator. Also it would help the consumers, and we are all consumers. As it has been it was all guess work. The farmer does not know when he plants what he will be able to sell for, and does not know when ready to market what the crop cost. He certainly should know both of these things at the proper time. Have a stationary price rather than bankrupt sales of farm crops, or prices out of sight.—P. C. L. Riegel, Rochester, Minn.

(*We agree with you that the farmer needs stable and profitable prices, but the only way to get them is to quit supplying the demand at any price but his price. Settle the price and hold for it and it will be paid. See Pages* 16 *and* 17 *of this number.*—Ed.)

Strikes the Key Note

DEAR EDITOR:

I have just read December 15th number of Up-to-Date. On page 18 is some sound reasoning. It strikes the keynote for marketing with me as it will with all thinking farmers, and, in fact, with all business men. If the farmer sells his crops at profitable prices they bring money into the community and all business is benefitted. Too often the business men and the farmers do not consider each other's interests but your paper will gradually change this. Merchants and bankers should see that their customers subscribe for UP-TO-DATE. I send a club of 5 subscribers.—E. G. Carney, Axtell, Kas.

A Raw Deal

DEAR EDITOR:

I have often wanted to express to you the warm sympathy I felt for you in your contest with the people who grabbed the original Equity Society away from you. You originated the idea, built a great society around it and shaped it into proportions that made others envious, and for them to come forward and take its management away from you was, to me, disgusting in the extreme. I have always felt you were given a "raw deal" in the fullest sense of that expression—T. J. King, (T. J. King Seed Co.), Richmond, Va.

(*We appreciate your expressions of sympathy. While we have suffered very much in business our greatest regret is that of disappointment that our plans were checked and the accomplishment of our object temporarily postponed. The farmers of the country are the great losers and they are most entitled to your sympathy.*—Ed.)

Beats Them All

DEAR EDITOR:

I am pleased to enclose my renewal. I like our paper fine. It beats all others I have read. You may depend on me as I am your friend.—Severt B. Anderson, Ortonville, Minn.

Farmers Must Stand Together

DEAR EDITOR:

We particularly prize the markets, and everything of that kind in your paper. We have handed most of the numbers to our neighbors and friends. We believe the time is coming quickly when all the farmers will realise, through the teaching of Up-to-Date that they must work together in marketing. Last year we had 1,200 bushels of potatoes and could hardly give them away. We have the crop from 13 acres this year which we are holding for a price that will pay for drawing to market. Farmers through this section are much discouraged. Let us hear from the Equity System of marketing.—Mr. and Mrs. S. J. Carson, Walnut Place Farm, Climax, Mich.

(*The Equity System could net you* 35 *cents a bushel for choice potatoes now. We do not expect much higher prices. We recommend gradual marketing. In winter ship in refrigerator cars. When you order the car ask headquarters for shipping instructions.*—Ed.)

Best of Eight

DEAR EDITOR:

We take eight papers and prize Up-to-Date more than the rest. I enclose my renewal.—Mrs. John A. Clark, Littleton, N. H.

God Speed the Day

DEAR EDITOR:

I am enthusiastic over The Equity System of Marketing. I think there is nothing like it. I am in the race to establish it and am talking it to my neighbors. God speed the day when we will have things coming our way. I am proud to be a subscriber to Up-to-Date Farming.—H. O. Painter, Clarksville, Mo.

(*Let each reader take hold with a will to multiply the circulation of this paper and God will speed the day when all good things will come to the farmers.*—Ed.)

Gets More Out of Up-to-Date

DEAR EDITOR:

Up-to-Date Farming can do more for farmers, if they will live up to its teachings and plans of Equity than all other papers they can take. I get more help from this paper than from any other farm paper I ever took.—O. W. Smith, Bozeman, Mont.

OUR POST CARD CLUB

It is known to all our subscribers that we give away millions of post cards to reward our young friends and older ones too, for getting subscribers. Tens of thousands of families now depend on us for all their cards, and post cards have become household necessities, because they know they always get more beautiful ones than they can get elsewhere. We will be very glad to have many more do the same therefore we print the following letters from our pleased patrons. Our hope is, you will become a club raiser and earn some of our beautiful, rich cards.

DEAR EDITOR:

I just can't keep from writing to you and telling you how well pleased I am with the post cards and album you sent me. They are more beautiful than I expected. I did not expect to get such a nice album and your cards are ahead of any others I ever saw. I wouldn't take a dollar for my cards and album and do without them. I thank you for your liberality. I will get some more subscribers.—Annie Ellington, Bolatusha, Miss.

DEAR EDITOR:

We all like Up-to-Date. I like to read the Children's letters. My father and mother said it is the best paper in the world and I think so too. Your post cards are beautiful. They are the nicest I ever saw.—Fred Seege, Bensonville, Ill.

DEAR EDITOR:

Enclosed is a club of 5 subscribers. I find it is very easy to get my old subscribers to renew because they know what a good paper you publish. When I asked one of my former subscribers if he wanted to renew he said. "Yes, you bet I do, it has kept me posted on the markets."—Mrs. Simon Rufener, Windham, O.

DEAR EDITOR:

I am sending you two more clubs. All of my old subscribers like Up-to-Date Farming and are going to take it again. They also think your beautiful post cards can't be beat. I think you send the nicest cards of any editor I ever worked for. Miss H. A. Staggers, Salt Fork, Okla.

DEAR EDITOR:

I want to thank you for the lovely cards, *they are beautiful.* I now send you another club and $1.00 for my own renewal as long as it will pay. I thank you for the liberal offer.—Kathryn T. Ritchey.

Kitselman Brothers, fence manufactures, Box 289, Muncie, Indiana, have just completed their large Catalogue of fencing. Their prices are extremely low when you consider the high quality of their fencing. Prices range from 13 1-4 cents a rod up. See their ad elsewhere in this paper and write them for Catalogue.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

LADY OR GENTLEMAN, fair education, to travel for old established house. Salary, $12 per week to start. Expenses advanced. Geo. G. Clows, Dept. F, Philadelphia, Pa.

Business Chances

WANTED—A PARTY with $500 to $1,500 to manage a small farm. Man with farming or gardening experience preferred. Unusual opportunity for a hard working, capable and reliable party. Returns $1,000 to $2,000 a year above expenses assured. Address, giving particulars. P. O. Box 196, Indianapolis, Ind.

Farm Lands For Sale

BALDWIN COUNTY ALABAMA. Farm lands and improved farm around Foley and Summerdale for sale cheap. Get my booklet describing lots and farms at Orange Beach Alabama on beautiful Perdido Bay. . R. Peteet, Foley, Ala.

CUBA. Most productive soil. Delightful and healthful climate. Ample rainfall. Cheapest transportation facilities to the world's greatest markets. Particulars free. Sanderson, 70 Palace Bldg, Minneapolis.

OWNER WILL SACRIFICE 60 acres in Washington Co., Ala., near Miss. line, right on railroad. One mile from town. Best land in the country for truck raising, tobacco, corn and potato growing; will produce three and four crops a year. All good high land, no swamps; no stones; no blizzards; no long freezes. Land right next to this and no better in any way is selling right now for $17.50 an acre. Will sell at a big sacrifice for quick deal. Write for particulars. J. B. Fentony, Indianapolis, Ind.

TEXAS IS SELLING good lands $5.00 per acre up; 1-40 cash, balance 40 years; some don't require residence. Write J. J. Snyder, Dept. 27, Austin, Tex.

"TRIPS TO HOMESEEKERS" is free to all except "Suckers." Hesitate and investigate before you imigrate. Sec. Scott Co. Development Association, Waldron, Ark.

WILL SELL my fine 80-acre farm cheap. For information write William Daumke, Clarissa, Minn.

Farms Wanted

FARMS WANTED—Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 71 Palace, Minneapolis, Minn.

TO SELL your property write Northwestern Business Agency, Minneapolis.

Fence Posts and Fencing.

FARMERS MAKE your own concrete fence posts and machine. Easy to make. Cost little. Circular free. John Gustin, Beaverton, Ore.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

I WILL GUARANTEE to save you from 20 per cent. to 50 per cent. of the cost of your fuel bill. Guarantee to save you this money if you follow my instructions. If you are a business man you would not turn down this opportunity to make such a rate of interest. Send $1.00 to pay for costs and mailing. Address B. L. Dehaven, Box 312, Bluffton, Ind.

PREMIUMS FREE—Send names and addresses of ten heads of families and receive premiums. Enclose 5 cents for catalogue. Guy W. Mayberry, Newberry, Ind.

Male Help Wanted

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet. 839A. No obligation. Earl Hopkins, Washington, D. C.

LOCAL REPRESENTATIVE WANTED.—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big-paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, Suite 511, Marden Bldg., Washington, D. C.

'UNCLE SAM' WANTS Railway Mail Clerks——Customs House and Internal Revenue Employees. $800 to $1,500. Short hours. Rapid Advancement. Spring Examinations everywhere. Common education sufficient. Write for list of places and dates. Coaching free. Franklin Institute, Dept. E-27-Rochester, N. Y.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS AND PATENT POSSIBILITIES, a 72-page treatise sent free upon request; tells what to invent and where to sell it. Write today. H. S. Hill, 908 McGill Building, Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

ELMER GIMLIN, Taylorville, Ill., White Wyandotte specialist. Winner at Illinois State Fair, St. Louis, Mo., and Illinois State Show, 1909. Eggs $1.00 to $10.00 per 15; $5.00 per 100. Stock, $2.00 to $25 each. Catalogue free.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs, Catalogue 2 cents. Missouri Squab Co., St. Louis.

NARAGANSETT, Bourbon Red, White Holland, Mammoth Bronze Turkeys. S. Durigg & Son, Armstrong Mills, Ohio.

POULTRY IN OREGON. A splendid booklet on this subject just written by Professor James Dryden of the Oregon Agricultural College. Tells why poultry is especially profitable here. Booklet free for the asking—mention any other line that interests you. 664 Portland Commercial Club, Portland, Oregon.

Produce Commission Merchant

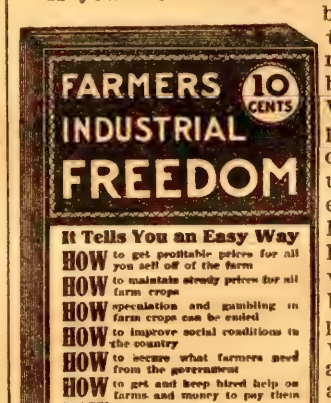
TAKE NOTICE—T. J. Hoover, Phila., Pa., sells poultry, eggs, apples, potatoes, onions, cabbage, carloads and less.

Tobacco Cures

TOBACCO HABIT CURED OR NO COST. Harmless home treatment of roots and herbs. Sure pleasant, permanent. Send your name now. King Ni-Ko U., Wichita, Kansas.

SEND FOR THIS GREAT BOOK

If you are a farmer and have any business troubles read this book. We want to place a copy of this volume in every farm home in the land. It is valuable beyond price, but we will send a copy to any person interested in solving the problems on the farm as shown on the title page, for only 10 CENTS.



—— —— —COUPON— —— ——

Farmers Industrial Freedom

Farmers Society of Equity,
Indianapolis, Ind.

Enclosed is 10 cents for which send me the new 64 page book *FARMERS INDUSTRIAL FREEDOM* which explains fully the Equity System for farmers co-operation in marketing, how it will be established, how it will be operated and the benefit to be derived.

My
Name .....

My
Address .....



This column is for members and subscribers. Use it to ask any questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *We have several car loads of broom corn and I write to you for information about marketing. The local market does not suit us. We want to know where to ship.—D. D. Canaday, Business Manager, Garlington, Crinarron Co., Okla.*

ANSWER. Our advice is to hold your broom corn for the minimum price printed in this paper. If, however, you must sell now send samples to "The Equity System," Kansas City, Minneapolis, St. Louis and Chicago and ask for the best offers.

Q. (1) *I have 400 bushels of potatoes stored which will be ready to ship after the holidays, or can hold them until March 1st, if sure of a gain. Two of my neighbors also are thinking of shipping with mine.* (2) *I have not had much experience in shipping, would any one need to accompany them if shipped in a refrigerator car?—Chas. Schlichter, Mayville, Tuscola Co., Mich.*

A. (1) Naturally the price of potatoes should be higher in January. Watch our "Telescope" dept. We do not look for much advance in the spring. We recommend gradual marketing. (2) If the refrigerator car is properly closed, potatoes will carry safely without artificial heat.

Q. Is there sale for turnips? I have none now but I can raise them better than any other crop and would like to raise a car load next year.—L. Warner Ransdall, Shelby, Oceana Co., Mich.

A. Yes, every Equity System market uses turnips. The price is usually low but, as they cost very little to raise and harvest you will probably find the crop profitable. They should not be shipped to very distant markets, on account of freight. When you have some to sell will help you to find the best market.

Q. (1) *Our members will ship their potatoes through the Equity System but don't you think it better to wait until after the holidays?* (2) *Should we sack them and put the name of the owner on the sacks? This is new business for us and we want to learn.—Martin Pfiefer, Sec., Orono, Osceola Co., Mich.*

A. (1) Yes. (2) Yes, put 150 pounds in a sack. In this way they will sell better and invariably bring more, extra, than the cost of the sacks. When ready to ship ask us for instructions where to ship. Watch the price in the "Telescope."

Q. (1) *Must a person be a member of the Farmers Society of Equity to use The Equity System in marketing.* (2) *I have two car loads of hay, please tell me where to send it.—Glen Wigleman, Steuben Co., Ind.*

A. (1) Paid in advance subscribers are granted the use of The System for a while but we hope every person who uses it will also become a member of the Society. (2) We have referred your report of hay to the representatives in Toledo and Cleveland markets and you will hear from them.

Q. I have about 75 bushels of beans that I want to sell. They are not hand picked and would bring me $1.60 per bushel after screened.—E. B. Marshall, Cedar Springs, Kent Co., Mich.

A. We do not advise shipping to the Equity markets unless they are hand picked when you could net $2.05 at the present time.

Q. I have 10 cars of cabbage that I want to sell when the price is right. Please advise.—G. G. Marsh, Waterford, Erie Co., Pa.

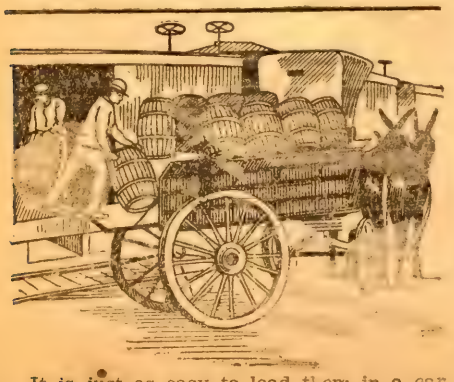
A. Cabbage has been selling low. It will be higher and we advise you to wait a while. Watch this paper and write to us when ready to sell and will direct you to the best market.

Q. We have a fine prospect for apples but a hail storm destroyed them. We have turkeys and sweet potatoes to sell. Where shall we send them.—L. E. Crawford, Rhea, Washington Co., Ark.

A. To the Equity System, St. Louis, Mo.

Q. There are tons and tons of broom corn in this county, unsold. The buyers have bought very little and have not paid over $125 a ton. Can we receive benefit by shipping through the Equity System?—Leota Blair, Neoga, Ill.

A. By shipping to the Equity markets you will cut out the middlemen between you and the final demand. This is usually an item worth considering as the speculator always forces the price down as low as possible. Unless this year is one exception in many it will pay you to hold your brush. When the buyers find that they cannot buy much more at their offers the price will be put up so they can realize on their holdings. That will make your opportunity, also. Broom corn growers ought to organize and set their prices and hold for them and they could get them.



It is just as easy to load them in a car and ship to The Equity System as to sell to the local buyer and they bring from 25c to $1.50 a barrel more.

Q. Let me know where we can buy hay as the crop was a failure here. Also the price it can be bought at.—John McConnell, Vesper, Wis.

A. Parties having hay to sell please offer it to Mr. McConnell who can probably get his neighbors interested too.

Q. I think the Equity System is a great thing but I don't see how it can be of much benefit to the small producer as he could not load a car. Please tell me if I am in error.—Leroy T. Defur, Stewartsville, Ind.

A. The thing that you plead is the greatest argument for a local union at your shipping station. Then all the members can contribute their small parts and make carload lots, or quantities that will justify shipping direct.

Q. Please give me the nearest Equity market where we can buy a car of corn to have it shipped here. Is there one in Minnesota or St. Paul?—Martin Ortmann, Martin, N. D.

A. Yes, there is an Equity System market in each city, but it is not our plan to ship to the cities and then reship to the country. That is what the Equity System makes unnecessary. Our readers who have corn to sell offer it to Mr. Martin. The offer should be preferably from Nebraska or South Dakota.

Q. We want Bliss Triumph seed potatoes.—J. C. Williams, Walker, Ia.

A. Some of our readers please answer.

Q. I have in the past been shipping my wheat to Baltimore, but seeing about the Equity System please quote me price at Indianapolis.—F. P. Long, Baker's Summit, Pa.

A. We cannot do as well for you at Indianapolis, as in the Eastern markets. Send samples of your wheat to The Equity System, Baltimore and Philadelphia and get offers.

Q. (1) *Please send me particulars of the Farmers Society of Equity?* (2) *What is the difference between it and the American Society of Equity?* (3) *Why can't the farmers organizations in this country form a federation and each retain its own identity?—R. D. Bell, Drakeville, Iowa.*

A. (1) We have complied. (2) There is a vast difference now although the latter society, for the first five years of its existence was exactly the same as the former is now. At present the old society is one of inequity and iniquity as you will believe when you know that several of its officers and directors were convicted of crimes in the criminal courts of Indiana and Illinois. But we send you printed matter that will explain. (3) Because of the wide variance in their objects and plans; or lack of definite objects and plans. Also there is so much of the impractical, unnecessary and bad represented in some of them that in a federation these elements would counteract the good, practical and necessary in others. Besides, farmers' marketing problems, the solution of which must come before any of his other problems can be solved, require one society for the whole country, for all crops. There are many other reasons why a federation would be unwise that you will learn from reading our literature.

THE PRIDE OF LOUISE, OR THE AWAKENING OF A SPOILED CHILD

(Concluded From Page 21.)

dreamed the little kid here, was starvin,' and held out his little hands, pleadin' like, and hollered out 'pap, oh pap, why don't you cum,' an' all day the dream has been with me; an' when I was leanin' agin the post, I was sick with disappointment, an' said 'taint no use lookin' further, Mariar and the young 'uns is dead, an' I wish I was too, an' there aren't no God fur poor folks. I see now how wicked I was, for through the parson, He led me straight to Mariar and will I never, no never, doubt Him agin."

"Oh, pap, you're cum. I knowed you would," piped Johnny, as he nestled in the arms of the shaggy stranger.

Louise busied herself in emptying the great basket she had brought, of its packages, then shyly took the proffered arm of Henry Graem, and bade the Lawsons good night.

"And you have forgiven me, Lou, for dictating to you? What an egotist I was. Oh, Louise, I have found out one cannot judge of the heart by the outward form of life."

"Do you really think Henry, that I will be a suitable wife for you? Miss Brown would suit a minister better," said Louise demurely.

Now I shall not write another word as to their walk home.

Mrs. Morgan was highly indignant at the turn affairs had taken.

Mr. Escott had called for Louise; the mother failed to find the truant, and was forced to make a lame apology for the conduct of her daughter, and Mr. Escott, of course, was offended at such treatment.

Smitten by remorse, and sorry for May Lawson, Louise had hastily packed a basket of Christmas edibles and carried it to Mrs. Lawson.

Henry Graem on his way home from church services, was trying to make up his mind to marry good, but homely Miss Brown, whom every lady thought "just the wife for him," and was trying to crush the tenderness in his heart, for poor, fiery Louise.

Christmas morning dawned bright and beautiful. Louise went with Henry to his church, but minding the dark look Mr. Escott gave her as he dashed by them in his elegant turnout; but she was wicked enough to exult a little in the crestfallen look Miss Martha Brown wore, when she saw the minister so carefully seat "his old sweetheart," as everyone knew her to be.

Jim and Mariar, also lame Johnny and Mag, were there too, and no one in the audience, who listaened to Henry Graem tell of the "Star in the East," and the wondrous gift that was given to all mankind so long ago, felt the peace upon earth, good will unto men, more than the Lawsons.

As for Henry and Louise, the whole world was changed; the mists were cleared away, and the dawn of a clear, new morn had rise for them, and a little bird sang in both hearts, a song of love, hope and trust.

"Daughter, I think you have made the mistake of your life," said Mrs. Morgan at dinner.

"I think not, mother. Henry is the best thing Christmas ever brought me," replied Louise.

"Mother, let Lou alone," said the usually quiet father. "I know Escott better than I did several weeks ago. He is a little crooked in morals and business affairs. Henry will do for our Lou, and that is saying a great deal for the young man."

And Mrs. Morgan was forced to give up gracefully.

ELLA M. GUERNSEY.

Good Management

"Can you tell me how to manage a wife?"

"No; let her manage you in such a way that you will think you are doing the managing."

WANTED AN ORGANIZER IN EVERY COUNTY IN THE UNITED STATES to organize a **LOCAL UNION** of the Farmers Society of Equity at every important shipping station and a **COUNTY UNION** at the county seat, or central point. Larger fields for capable people. With the instructions and assistance we give our organizers success and a profitable business are certain. The marketing system of the Farmers Society of Equity and new features to interest and entertain members will multiply results. Write for our terms.

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

APPLICATION FOR MEMBERSHIP

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

I further agree to attend the meetings of my local union, (when a member of one) to assist in its programs, to talk, praise and promote the Society, by voice, pen, the wearing of the official button and distribution of literature, as may be convenient, to its upbuilding throughout America.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date; pays for one year's subscription to the official paper; (if your time is paid in advance it will be extended a year) gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Cut this out and send to the FARMERS SOCIETY OF EQUITY, Indianapolis, Indiana.

OUR COUPON

Our contest is every farmer's contest. You, subscriber, can help us and help yourself by sending the names of friends WHO RAISE CROPS TO SELL and who are farming to make good profits. We will send them a sample copy of UP-TO-DATE FARMING, and a letter. Send only heads of families.

Don't think that this will take the place of that club we are looking for from you. You better get all your neighbors to subscribe, and below send the names of acquaintances that you can't see. This is the way to start the movement for profitable prices in all parts of the country at once.

Write perfectly plain.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Ind.

NAME	RFD	POST OFFICE	STATE

.....Sender. .....Post Office. .....State.



Let me show you where and how I can save you 20% to 40% of your purchase money on a manure spreader.

You can take your pick of ten different styles—from the fifty bushel wagon box spreader, $39.50, f. o. b. Waterloo, up to my complete, all steel gear No. 5 spreader, sixty to seventy bushels—a size and a style for every farm. One for your farm at a saving of one-fifth to nearly one-half of your money.

How can I do it? Give me your name and I'll write you how and prove every word. Briefly it is that the Galloway is made in a factory with a capacity of 42,000 spreaders of all styles a year. The spreader is sold direct to you at actual factory cost plus one small profit based on this enormous quantity. Absolutely the best value for the money! It's positively true, and more than 50,000 farmers of America say so. Let me send you their proof. Photographs, letters, articles to papers about my spreaders. Proof for any man, even the most unreasonable.

Ask me any question. I'll give you some farmer's answer to it. That's the kind of argument that tells.

You are asked to sift this testimony of eye witnesses. Then take a Galloway onto your own place. Try it thirty days, or more if you need it—make it prove itself. Then I'll take your word, be it yes or no. If it's "no" I'll take back the machine, refund your money, and pay all the freight. I'll even give you 6% interest on your money for the time I've had it. Or you can try it with your money in your own pocket—makes no difference to me. You are the judge, anyhow. I don't ask you for a minute to take my word. It's your word I have to take. There are lots of things that I know about this spreader business that you want to know. Let me tell you.

Let me show you how I divide the melon with my farmer friends.



GET MY BOOK | **"The Great Crop Maker"** Absolutely FREE

Write Me Tonight **Wm. Galloway, President**

The William Galloway Co.

Authorized Capital, $3,500,000

509 Galloway Station, Waterloo, Ia.

Tell them you saw the "ad." in Up-to-Date Farming

Why a Manure Spreader Pays

The Advantage of Owning a Manure Spreader From My Own Experience With Spreader on My Own Farm

BY W. R. BROOKING

Those of us who were reared on the farm during the 19th century, using the machinery in vogue 30 or 40 years ago with cheap lands cheap labor and but little competition and have spent a decade in the 20th century and seen the advancement of land from 50 per cent. to 300 per cent., labor doubled and trebled in price and competition so keen, realize that the farmer is compelled to cast about for a means to cultivate and produce larger and more remunerative crops on less acreage than formally. With the scarcity of labor how is this result to be obtained?

Through an analysis of the soil to ascertain what element to supply, the increased fertility of the soil and the use of improved machinery, of which I shall speak only of the advantages of the manure spreader, the true value of which can scarcely be estimated.

I will first give the result of manure applied to corn land.

I find by actual experience this year (it being dry with us) that if manure is not properly applied to corn land, it had better be left in the manure heap.

On one portion of my corn field, the manure was scattered with fork, the ground disked and then plowed.

On another portion the same amount of manure was applied with a manure spreader. This plot was treated same as the other. Namely, disked and plowed in.

There was quite a marked difference in the results. The plot of land upon which the manure was scattered with the pitch-fork yielded a half less corn, than the plot upon which the manure was scattered by spreader.

There is unquestionably a reason for the marked difference in the yield. The reason I assign is simply this: That manure on the plot treated by fork was necessarily left in lumps and irregularly scattered. The corn roots coming in contact with the excess of manure burned, thereby, detracting from the life and vigor to push the stalk to maturity. On the other hand, where manure passes through the spreader it is thoroughly pulverized and distributed evenly over the surface. Then with a disk it is properly incorporated with the soil. There is eliminated all possibility of an excess of manure in any one spot to burn the rootlets. The hundred of little rootlets reaching out hither and thither gathering moisture and nourishment from mother earth for the support and development of the parent stalk, comes in contact with the small particles of manure in their search for food. Just in proportion to the nourishment supplied to the rootlets will the stalk and ear develop. There is no possible chance of any of the corn roots performing less than their required function by being burned with manure.

Through the influence of an Illinois friend and farmer I was prevailed upon to purchase a manure spreader in Jan. 1908 to topdress 20 acres of alfalfa. He assured me the surplus of alfalfa would more than pay for the spreader in one season. The following facts will show the correctness of his judgment.

In Feb. of same year I topdressed the 20 acres with fresh manure from a feed lot at the rate of eight-fifty bushel loads to the acre. For the sake of comparison I will give the number of tons harvested in 1907, which were 50 tons. For the year 1908 I harvested 80 tons off of the same land. A difference of 30 tons with a more unfavorable season in 1908 than 1907.

To prove the correctness of my friends judgment, a few figures will not be amiss:

I used a Galloway 50 bu. wagon box spreader.

Cost	$55.00
Hauling 160 loads of manure	$55.00
	$110.00
The extra 30 tons of hay at $60 per ton	$180.00
Less expenses, leaves net profit	$ 70.00

I attribute the above results to two facts, namely a very large majority of the alfalfa was mulched and protected from the deteriorating effects caused by freezing, thawing and evaporation. Secondly, when the spring rains began the nutrious elements in the manure were carried into the soil as the moisture descended thereby rendering the soluable portions of the manure available for plant food. The first few warm days of spring the freshness and vigor of the crowns showed plainly their appreciation of the stimulant.

I am a firm believer in the use of manure as a topdressing for small grain and grasses. I believe one will get more remunerative and quicker results than by any other mode. Often the very life and salvation of a fall seeding of alfalfa can be accomplished by a light covering of manure.

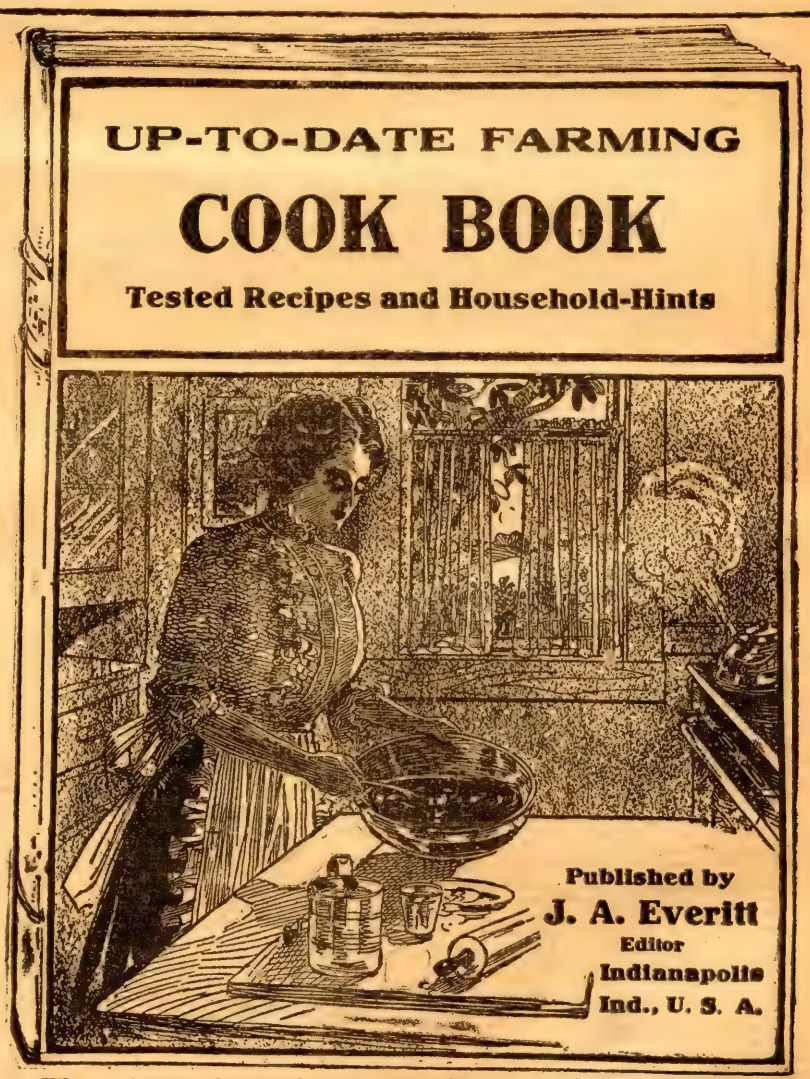
So often one hears the question, how can I make more money on my farm, as it is so hard to obtain sufficient help; my suggestion would be buy a manure spreader. They are labor and time savers and money-makers. Also cultivate a smaller acreage. But let the cultivation be thorough. Make and save as much manure as possible. Buy a manure spreader and haul out the manure as often as you can accumulate a load. Otherwise one-half the value of the manure is lost from burning and leaching. In a few years you will marvel at the increased fertility of your soil, crops and bank account. My belief is that for the small famer, a wagon-box spreader is preferable to one of the undetachable box and gear kind. They are light and when not in use the box can be placed under cover and wagon used for other purposes.

Opportunity.

"I knock unbidden once on every gate
If sleeping, wake; if feasting, rise before
I turn away; it is the hour of fate,
And they who follow me reach every state
Mortals desire, and conquer every foe
Save death; but those who doubt or hesitate,
Condemned to failure, penury and woe,
Seek me in vain and uselessly implore,
I answer not, and I return no more."

ABSORBINE INCREASES VALUE OF HORSE

"I had a mare that was bad a few years ago, and I wrote you and fixed her up so that I got $500.00 for her." These are the kind of letters that we like to read, and Absorbine has helped make money for many horse owners. Your dealer can get it for you at short notice, if he does not happen to have it. It will remove all pus and fatty deposits without removing the hair or laying the horse up. Will allay inflammation in a soothing and rapid manner. For further information, write for pamphlet telling how to treat these various ailments. W. F. Young, P. D. F., 102 Temple St., Springfield, Mass.



When a farmer plows and plants and cultivates and harvests, the idea is to make money. To make money he must have a market that will pay him a PROFITABLE PRICE. *To know the best market and reach it he must read* UP-TO-DATE FARMING. EVERY FARMER OUGHT TO READ THIS PAPER.

I want you to send me a new trial subscriber and I will send you this valuable cook book as a reward.

It has recipes and instructions for almost every thing in baking, cooking, etc. Many excellent new recipes are published in it for the first time; over 1,000 in all. Each recipe is based on an experiment, the result of which was contributed, and which recipe was given by an individual person of something thoroughly tested. This makes this book of distinct value even over some costing many times as much.

MY OFFER Send me a NEW trial subscriber for three months, and 15 cents and I will send you my cook book which will be a daily help and ever handy companion in every kitchen. 50,000 subscribers ought to embrace this offer.

J. A. EVERITT, Editor, Indianapolis, Ind.

$5 Home Study Course in Veterinary Surgery Free

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This course consists of twelve monthly lessons covering the cause and treatment of nearly every disease, ailment or affliction that can occur to your Horses, Cattle, Hogs, Sheep, Poultry and Pet Stock, with formulas, prescriptions and methods of treatment suggested or endorsed by some of the leading veterinary surgeons of both continents. Written in plain, simple language that anyone can easily comprehend. It will prove of great value to every stockman and farmer in the country. The death of a single animal entails loss that no farmer can afford. Practical immunity from such loss can be assured by reading this course, and it's FREE to readers of this paper.

A Little Horse Sense—Read Every Word

We are the originators of the idea of supplying the farmers and feeders a reliable Conditioner, Tonic, Regulator or Condition Powder with the FILLER and SALT left out.

You realize that when your stock leave pasture they cannot get the roots, barks, herbs and seeds which they really need and which are supplied by pasture.

KineTeniK

All your stock need these roots, herbs, barks and seeds but previous to our entering the field the products on the market intended to supply this demand were too expensive and the farmer and feeder could not afford to pay from $6.40 to $14 a hundred for the SLIGHTLY medicated products on the market.

We call our product *"KineTeniK."*

It is made up of the choicest selected roots, herbs, barks and seeds from the formula of the best Veterinaries of the world to which is added the experience of Practical Chemists and some of the most successful farmers and feeders of the country. It is made RIGHT and the bran, middlings, salt, etc., are LEFT OUT. You have salt and middlings and all you have to do is to add *KineTeniK* to whatever ground feed you may be using, with a little salt, and you have the BEST Stock Tonic, Regulator, Conditioner or Condition Powders on earth at about one-tenth the price you have been paying, or from $1.00 to $2.00 a hundred pounds according to the strength you desire to feed it.

There is hardly a Farmer or Stock Raiser in the Country who is not convinced to his own satisfaction that all his Horses, Cattle, Sheep, Hogs, Goats and Poultry need a good Stock Tonic, Regulator, or Conditioner.

Practical Farmers, Agricultural Colleges, Farm Paper Editors, Veterinary Surgeons and Institute Lecturers, with hardly a dissenting voice, have strongly *advised* the use of a well-balanced Tonic.

The objections to so-called Stock Foods are that the price is invariably *too high* when the *percentage of medication* is taken into consideration, and that the "filler used is not nourishing."

Another objection to these products was the excessive freight it was necessary to pay on them. While salt, charcoal, middlings, etc., took a low rate when shipped separately. when added to drugs in the form of Stock Tonics, Conditioners, etc., they took the high rate of drugs. You can readily see there is no sense in paying drug rates on middlings, sawdust, oil, meal, etc.

The Whole Story in a Nut Shell

KineTeniK is the most carefully prepared Tonic, Regulator, or Conditioner on the market with the FILLER LEFT OUT.

KineTeniK is a carefully compounded prescription, reflecting the experience, experiments and actual tests of the most successful farmers, Stock Raisers, Veterinary Surgeons and Chemists of the World, including the results obtained by the Agricultural Experiment Stations.

It comes to you in concentrated form and all you have to do is to mix it with salt and middlings, bran, corn-meal, oil meal or any other ground feed you may be using, to get the best Stock Tonic, Conditioner or Regulator on the market.

Only One Package

We only send *one* package in this manner and do not ask you to obligate yourself in any way. We simply send you a $1.00 Package of *KineTeniK*, you decide for yourself whether our claims are true, firm in the belief that after you have given it a trial you will go to your dealer and Demand that he supply you in the future. No annoying requests to buy several times as much as you can use—no premiums—just a square deal and *the best* Stock Tonic made at about one-tenth the price you are now paying and a DOLLAR PACKAGE FREE FOR TRIAL. That's what you have been looking for. Sit right down and fill out this coupon to-day and make us "show you."



A sufficient quantity of KineTeniK [The cheapest and BEST Stock Tonic on earth with the SALT and FILLER *Left Out*]

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ABSOLUTELY FREE Not a cent for you to pay us now, or any time in the future.

.....Fill Out and Mail Coupon Now Before You Forget It.....

KarBraK Chemical Co., H. F. Bush, Gen'l Mgr.
435 Cortland Street, Wellsboro, Pa.

Gentlemen:—Please send me absolutely free your $5.00 Home Study in Veterinary Surgery covering the Treatment of Ailments of all stock, including valuable formulas for treating all my live stock. Also send me a $1.00 Package of **KineTeniK** (sufficient to make from 25 to 100 lbs. of Stock Tonic, Conditioner, Regulator, or Conditioner Powders according to strength desired.) I understand both are to be sent me **absolutely free** and I am not to pay you one cent for either Home Study Course or Dollar Package of **KineTeniK** either now or at any time in the future.

Name.....

R. F. D. Box or Street No.....

P. O.....

County.....*State*.....

Nearest Express Office.....*Express Co*.....

I own....Horses....Cows....Hogs....Sheep....Poultry and own rent a.....acre farm

Don't Send a Cent

We **know** the farmers of this country. We know they will treat us right when they learn just what we are trying to do for them. It is this knowledge and supreme confidence in the farmer that leads us to make this stupendous offer to readers of this paper, and the Publishers will guarantee to you the faithful carrying out of our promise.

Just fill out this coupon and mail it to us today and we will send you by **express, a $1.00 Package of KineTeniK,** enough to make from 25 to 100 pounds of Stock Tonic, Conditioner, Condition Powder, or Regulator, according to the strength you desire to feed it. This is **free** and you are not to pay us a cent.

KarBraK Chemical Company, H. F. Bush, Gen'l Mgr.

435 Cortland Street, - - - - - - - - Wellsboro, Pa.

Sharpen Your Tools at MY Expense!

Mail the Coupon for full explanation of our great ten days' free trial offer



10 MACHINES IN 1

1. One Sickle Grinding Wheel (Improved)
2. One Fine Grinding Wheel (Improved),
3. One Coarse Grinding Wheel (Improved)
4. One Harman Special Oil Stone (Improved)
5. One Saw Gummer (Improved)
6. One Sickle Holding attachment
7. One Scythe Stone (New)
8. One Harman Special Razor Hone (New)
9. One Disc Grinding Attachment (New)
10. One Tool Rest.

I will send you a **Harman Special Alectride Farm Tool Grinder,** with ten Grinding Attachments, right to your farm for an absolutely free **free trial** lasting ten days.

I will guarantee that this Alectride Grinder will **not** draw the temper from the steel.

I don't want you to send me any money—not a cent. **I want to make you an offer so liberal that you simply cannot afford to refuse it.**

I will give you the use of this magnificent outfit tor **ten days absolutely FREE**—no red tape, no papers to sign, no obligations of any nature. Just get the outfit use it for ten days just as though it were your own, on your own work, sharpen your sickles, plowshares, cultivator shovels, scythes, axes—anything that is dull—then, if you wish, return it to me at my expense.

Now, I want to tell you why I am making this offer

We know that every progressive, up-to-date farmer realizes the advantage of always having sharp, bright tools to work with. You know how much more work can be done with tools which are always in good condition. You know how much easier your work is and how much longer your tools last. You know all these things and yet—you DO sometimes work with dull tools, don't you?

I want to prove to you that you can **easily** keep **all** your farm tools in good condition **all** the time with this wonderful, **simply wonderful,** outfit which I will send you **FREE.**

Genuine Alectride Grinder NOT An Emery Wheel

And **Alectride** is the most wonderful abrasive in the world, even hard enough to scratch the diamond. It is really manufactured precious stones, for it is made of the very same substances which go to make up the sapphire and the ruby. Alectride is the most perfect grinding substance known. It is just as much harder than emery as emery is harder than ordinary chalk. A grinding wheel made entirely of pulverized South African diamonds would not grind one bit better or faster than the genuine Alectride wheels which we furnish with this superb machine.

Alectride is manufactured in the most terriffic heat which man has ever been able to produce. A heat so great that it will actually burn up a common brick like so much gunpowder. And in this incomparable heat is produced Alectride. **It is the heat in which the worlds were formed.** Every one of the beautiful irridescent, needle-like crystals is so hard that it will actually scratch the diamond itself. It is these crystals which are crushed up and made into the grinding wheels. It is these inconceivably hard and sharp crystals which cut through the hardest steel more easily than the finest emery wheel will cut through soft copper.

SAVES TIME—EFFORT—MONEY!

You can do the same work in two minutes on an Alectride wheel that would take you at least half an hour on a grindstone, and do it better. **And you can operate the Harman Special Farm Tool Grinder for half an hour with less effort than would be required in running a grindstone for two minutes.** Alectride will grind 25 times faster than a grindstone and 8 times faster than an emery wheel.

We want to prove these things to you at our expense. We want to send you the Harman Special Tool Grinder for a ten days' trial right on your own farm. See for yourself how it will grind and sharpen every tool on your farm. See for yourself that it is time to throw away the grindstone. Send the free coupon for our free booklet describing this wonderful Alectride. **Mail Coupon Today!**

LASTING—BINDING—GUARANTEE

Alectride wheels are so much harder than the hardest steel that no amount of grinding seems to have the slightest effect on them. Alectride will cut the biggest steel file you have in two in five seconds. We give a lasting, binding guarantee with our tool grinder.

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HARMAN GRINDER RECOMMENDED BY GOVERNMENT OFFICIALS

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Department of the Interior, U. S. Indian Service, Wahpeton Indian School, Wahpeton, N. D.

HARMAN SUPPLY CO., Chicago.

Sirs: The tool grinder shipped to this school has given good satisfaction and appears to be as guaranteed by you. I am enclosing photograph of the school and buildings, and you may use same and recommendation as you desire.

Very respectfully,
W. C. RANDOLPH,
Supt. and Spl. Disb. Agt.

Government recommendation means something. *The Harman Grinder was first tested carefully, approved and purchased. Now, after it has been used and proved its worth in hard everyday grinding and polishing and has been approved by officials who are slow to praise unless they KNOW—don't you think that you should at least TRY this grinder when you can do so at no expense to yourself and no risk? The grinder MUST make good to your entire satisfaction or we want you to send it back. Write for the grinder today and see how much money it will save on YOUR farm.*

Most Useful Machine on Farm

I must say the grinder is far ahead of anything I expected it to be. No more hand power grindstones for me. When I want to sharpen anything I go and do it without chasing up the second party to turn the stone. Not being used to sharp tools, three of my family have slight mementos on their fingers and I touched myself slightly this afternoon. My boy calls it "Pop's" bicycle. Very true that statement that you can use it 365 days a year. I gummed a cross-cut, sharpened some knives and a hatchet. I am satisfied that it is the most useful tool or equal to any tool the farmer or anybody else has on his place.
C. J. DOYLE,
Orchard Farm, Westfield, Mass.

If Farmers Knew, All Would Buy

I don't think any farmer would be without one of your grinders on his farm after he has an opportunity to try one. I think it is the best machine of the kind I ever saw. The Hone that I received with my machine is the best stone I ever used, and I have used a great many different kinds. I have tried nearly everything that needs sharpening on a farm on this grinder and it has proven satisfactory in every case.
EMRY BUNNELL,
R. R. No. 1, Nevada, Ohio.

Beats Anything I Ever Saw

Your Grinder is just what every man that has tools to grind should have. I am well satisfied with the grinder. It beats any grinder I ever saw or used. Enclosed find check to pay for grinder.
EBER DePON,
R. F. D. No. 3, Ossian, Ia.

Seven Days Enough to Prove Worth

I have had the grinder just seven days and that is enough to show me that it is more than you say it is, and I have tried it on everything that I could, and it beats the old grindstone all holler, and I think you will make more sales around here, as there has been quite a few of my neighbors who have seen my grinder work.
BERT LEWIS,
Box 29, Larchwood, Iowa.

Would Not Take Twice Price

After ten days' free trial with your Grinder I can say that I am well pleased with it and would not take more than twice the price for it if I could not get another like it.
V. V. MAXSON,
West Point, Miss.

Another Man Who Knows a Good Grinder

I received your Grinder the 15th and have given it a thorough test. It is much better than I expected, which is enough to say I am well pleased with it. I would not sell it for double the cost and do without one.
R. B. COLEMAN,
Berryville, Va.

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Remember, Ten Days Free Trial!

Send the Coupon Today and get our Grinding Tool Catalog FREE! Also our free booklet explaining all about Alectride, the newest and most wonderful substance known.

Don't wait a minute. Send the free coupon today and post yourself on this wonderful offer. Learn all about the Harman Special Alectride Farm Tool Grinder. Sharpen every dull tool on your place positively free. **We let you keep the machine for 10 days, and then if you wish, send it back at our expense.** But mail the coupon today and get our free booklets and circulars, and get our FREE trial request blank. There is no obligation. You will be amazed at the wonderful results you will get from using Alectride. Anything you sharpen is sharpened better and quicker. Send for our free booklets today. Let us tell you what Alectride is and what it will do for every tool on your farm. Get our free booklets and our special limited offer. Remember, 10 days' free trial. **Send Free Coupon NOW.**

HARMAN SUPPLY CO., 160 Harrison St., Dept. 3651, CHICAGO

HARMAN SUPPLY CO., Dept. 3651, 160 Harrison St., Chicago, Ill.

Without any obligations on me, please send me, FREE, your catalog explaining your Alectride Special Farm Tool Grinder, also full particulars of your ten days' FREE Trial Offer, also the interesting story of Alectride.

Name .....

Address .....

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Pass This Paper to Your Neighbors : Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV **JANUARY 15, 1911** **Number 2**

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"Find the bright side! Oh, believe it is there!
Some day the sky will be cloudless and fair;
Goodness and mercy have ordered your ways,
Polish the dark side with carols of praise."

Up-to-Date Farming
PUBLISHED TWICE A MONTH

EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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If this paragraph is marked with an "E" it is to refer you to my "Personal" letter in this issue on page four. I am very desirous that each person who receives this paper will read my letter.

J. A. EVERITT, Editor.

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And a farmer appeared with a copy of Up-to-Date Farming and said: "Touch not that pudding. It is my pudding." Then consternation fell on all who had assembled for the banquet.

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

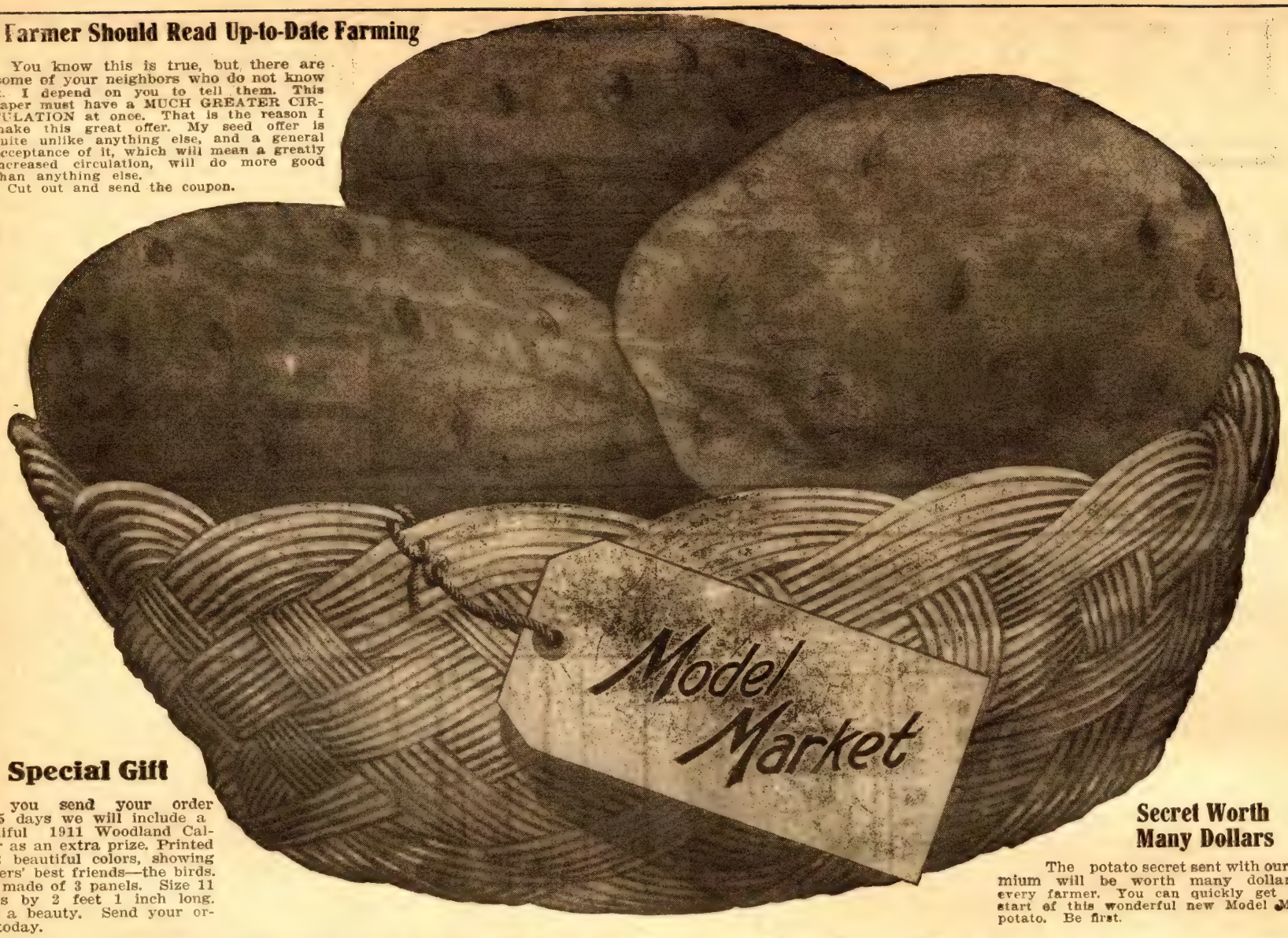
It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

Every Farmer Should Read Up-to-Date Farming

You know this is true, but there are some of your neighbors who do not know it. I depend on you to tell them. This paper must have a MUCH GREATER CIRCULATION at once. That is the reason I make this great offer. My seed offer is quite unlike anything else, and a general acceptance of it, which will mean a greatly increased circulation, will do more good than anything else.

Cut out and send the coupon.



Special Gift

If you send your order in 15 days we will include a beautiful 1911 Woodland Calendar as an extra prize. Printed in 12 beautiful colors, showing farmers' best friends—the birds. It is made of 3 panels. Size 11 inches by 2 feet 1 inch long. It is a beauty. Send your order today.

Secret Worth Many Dollars

The potato secret sent with our premium will be worth many dollars to every farmer. You can quickly get a big start of this wonderful new Model Market potato. Be first.

Four Pounds Model Market Potatoes and Secret for Producing 5 Times the Usual Crop, Given Free

MODEL MARKET is a new potato now named and introduced for the first time. Color white, shape, smooth, round to oblong and flattened. Grows compactly in the hill, tuber large and many of them. In the important matter of production it *yields extremely heavy* crops of fine market potatoes, hence its name MODEL MARKET. Easy to harvest and easy to market because its color, size, shape, and fine cooking qualities recommend it to every beholder and every cook. We predict a *brilliant future for MODEL MARKET*, and every person who gets a start now will find the seed actually *worth its weight in gold.*

With every lot of MODEL MARKET potatoes, and in no other way, we will send printed instructions for preparing the seed and planting (entirely inexpensive process) that will enable any person to *raise five times the usual crop from a given amount of seed,* of any variety. This process, while very simple and easily applied is so little known that it may be called a *secret,* and a *very valuable one.* One pound seed in good season should produce 3 *to* 5 *bushels of potatoes when these instructions are* followed.

4 Pounds Farmers Interest White Dent Corn Given Free

Mr. C. P. Hartley, Physiologist in charge of Corn Investigation, Bureau of Industry, of the Department of Agriculture, Washington, D. C., said: "Improvement of the quality of seed is the LEAST EXPENSIVE method of increasing the yield per acre," and "well conducted corn breeding requires SPECIAL METHODS that general farmers have not time to apply. * * * The general farmer is a propogator rather than a breeder of corn. He PROFITS by the careful work of the breeder BY ADOPTING THE HIGHER YIELDING STRAINS and propagating them. Corn breeders are improving corn as cattle breeders have improved cattle. FIVE DOLLARS A BUSHEL WILL BE A PROFITABLE BARGAIN FOR BOTH PARTIES FOR SUCH CORN."

FARMERS INTEREST is the best-bred corn in the country. It is responsible for placing Indiana at the head of all the states in yield per acre. For instance, Indiana's ten-year average yield, 34.7 bu.; Kansas, 22.5; Neb., 27.4; Mo., 28.6, etc. It is the variety that has won all the first and sweepstake prizes in National and International shows for many years. It rarely fails to CAPTURE THE HIGH HONORS in state, district and other fairs, when entered. It is impossible to go into details in this advertisement, but we have a circular giving a partial list of prizes won, illustrations of prize-winning corn, etc., that will be sent to all subscribers.

Farmers Interest has been bred for improvement 15 years. It has the BEST BLOOD that runs in the corn race. WITH ONE STEP ANY CORN GROWER CAN GET THE ACCUMULATED RESULTS OF 15 YEARS OF THE BEST BREEDERS IN THE COUNTRY. Hundreds of dollars and years of labor could not give you from your own corn, what we now give free to each subscriber.

How to Get Subscribers for Up-to-Date Farming

Go to the homes of your friends; every one will subscribe for a great paper like Up-to-Date Farming. If they already take it, they will extend their subscription if you ask them. It's easy to get subscribers and earn the premiums on this page. At any gathering of farmers four and more subscriptions can be gotten in a very few minutes. Ask them for a quarter and write down their names and addresses. Be sure to get the correct address.

Or, just get one person to subscribe four years (96 big numbers) for a dollar and you get 4 premiums. It's easy; try it.

4 Pounds Gartons Regenerated Swedish Select Oats Free

Mr. John Garton of England, is famous nearly the world over as a cereal breeder. Probably his most valuable work has been done for the oat crop, and his greatest triumph in that line is this oat. The foundation rests on specimens obtained from all quarters of the globe. These varieties were crossed and recrossed and selected and bred until, after many years, this strain was the result. But Mr. Garton's work did not end with originating the variety. He is CONSTANTLY REGENERATING IT, and the seed we offer has been regenerated down to 1910, grown and acclimated in this country. That is, it has been bred right down to 1910. Our claim is that THE OAT CROP on any farm CAN BE INCREASED 20 TO 40 PER CENT. by sowing this oat. Read:

Garton's R. S. S. oats yielded 97½ bu. per acre, Wisconsin seed 50 bu.—F. P. Hooper, Ossian, Ind., August 24, 1910.

Garton's R. S. S. made 65 bu. per acre. The best of three other varieties made only 35 bu. They are fine.—A. N. Seefeld, Bristol, S. D.

Garton's R. S. S. yielded 68 bu. My others, 33 bu.—E. D. Dye, N. Ridgeville, O., Oct. 19, 1910.

Garton's R. S. S. oats yielded 75 bu. against 42 bu. for our other oats.—W. S. Baker, Factoryville, Pa., Oct. 10, 1910.

Garton's R. S. S. oats yielded 62 bu., Kherson, 42 bu. This was the driest season in 30 years, practically no rain from seeding to harvest.—John Skinner, Herman, Neb., Oct. 5, 1910.

Thousands of other growers testify to the SUPERIORITY OF THIS OATS IN YIELD OVER ALL OTHER VARIETIES. Color white, thin hull, plump, meaty grain, weigh 40 pounds and over per measured bushel. Every oat raiser should get a start at once.

10 Packets Best Vegetable Seeds With a Years' Subscription

Enough for a family garden. Ten full size packets. Ask your friends to subscribe and send with you.

Beet, DETROIT DARK RED; early, smooth, tender and sweet.
CABBAGE, All Head Early; fine early variety with very solid heads.
CABAGE, Danish Ball Head; late, solid, fine quality, great keeper.
LETTUCE, Early Curled Simpson; grows compact, very crisp.
LETTUCE; Everlasting, unsurpassed as a head lettuce for the home garden.
CUCUMBER, Early White Spine; productive, fine quality.
RADISH, Early Scarlet Turnip; beautiful and fine.
RADISH, Cincinnati Market; long scarlet; grows large; very choice.
Tomato, NEW CORELESS; bright red, round, solid meat; unsurpassed.
Tomato, O. K. FIRST EARLY; the best extra early; red.
Packets full size, from a reliable seed house.

12 Packets Choice Easily Grown Flower Seeds

These packets are full size and will produce an abundance of bloom with very little attention. Ask your friends to subscribe and send with you.

ASTERS. Finest and largest kinds, mixed.
BALSAMS. All colors and shades and spotted, mixed.
CARNATION. Early flowering varieties. All colors, mixed.
CHRYSANTHEMUM. Double and single. All colors, mixed.
FOUR O'CLOCK. All colors, mixed.
PANSY. Large flowering, fragrant varieties; mixed.
PORTULACCA. Double and single, in fine mixture.
POPPY. A superb mixture of the different classes of this popular flower.
MARIGOLD. African and French. All colors, mixed.
SWEET PEAS. Most lovely varieties, mixed.
PHLOX. Drummondi. Everyblooming; the finest mixed.
STOCKS. Ten Weeks. Early blooming, sweet scented; finest mixed.

Packets are same size as you would get from leading seed houses.

How to Get These Seeds Free

Send the coupon and a $1.00 bill at my risk. For the dollar I will enter a new subscriber, or a renewal for FOUR YEARS **and send four POUNDS of any one variety,** OR ASSORTED TO SUIT YOU. Or, if you prefer, get one year subscribers, as many as you can at 25 cents each. Will send one **pound** of potatoes, or corn, or oats; or 10 pkts. of garden seeds, or 12 pkts. of flower seeds for each. Remember, it may be one subscriber or 100, and I will send you the rewards. I make no charge for any of the **seed, and I will pay the postage or expressage.**

Of course, I want every subscriber to renew, but I offer this wonderful new potato; this thoroughbred corn; this immensely productive oat and choice vegetable and flower seeds with the hope that you will GET ALL YOUR NEIGHBORS TO SUBSCRIBE. The limit to the amount of these new-blood seeds you can get is only limited by the neighbors you can see. Four out of five will gladly give you 25 cents for a year subscription to Up-to-Date Farming.

Today is the day. Now is the time to get these Premiums.

UP-TO-DATE FARMING,
Indianapolis, Ind.

I enclose $..... for which send UP-TO-DATE FARMING and premiums below, all post paid.

Name .....

P. O. .....

R. R. ..... State.....

Attach paper for club names and premium wanted.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Indiana

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

Re-entered as a Semi-Monthly publication as second-class matter, January 20, 1908, at the Post-office at Indianapolis, Ind., under the act of Congress of March 3, 1879.

Volume XIV | INDIANAPOLIS, INDIANA, JANUARY 15, 1911 | Number 2

EDITORIAL

Alleged World-Wide Grain Trust

To Incidentally Include Most of the World's Busines

IT is alleged that there is now in course of formation a gigantic grain trust that will control the grain production and marketing of the world, and not only that, but all the allied interests as well. We do not know whether these reports are correct or not, but we know the world's concentrated capital could accomplish that very thing. We have often said that the combinations which now control the markets could just as easily and just as surely control the production if they wished to do so; but the farmers' present methods of recklessly producing in competition with each other, everything the soil can be made to bring forth, and then dumping it on the market as though each farmer feared he would not be first, was more profitable to the combines than they could possibly do it if they owned the land and hired it tilled. As it is, the farmers play into the hands of the combines as servants, and support themselves, pay the taxes, do the work, and take all the risk of wages.

The great trust now spoken of, however, is to begin with the control of Russian production; or, as the newspapers put it, "the Americanization of Russia's commercial, industrial and agricultural development, involving the co-operation of the United States and the Russian Empire to control the world's greatest markets." It is said the most powerful group of financiers in the world stand ready to pour their gold into the combine for these purposes.

The plan, it is said, combines the building of vast depositaries and elevators, and the establishment of manufacturies to turn out agricultural implements; and new railroads will be built and steamship lines established, and practical farmers engaged. Gigantic as this scheme shows itself to be, it is only a glimpse of what it may include. It is said to have the endorsement of a coterie of American millionaires, and experiences here enable us easily to guess who those American millionaires are. The development of Russian grain production calls for depositaries and elevators, as suggested in the dispatches. These will not be established in opposition to the American elevator trust, and that is evidently one of the millionaire concerns that is ready to go into it. It will create a demand for harvesting machinery, and that is an inducement to bring in the American Harvester company. Farm implements of all kinds will be needed in these vast trust controlled Russian fields, and that appeals to the American Farm Implement trust. So of the American Steel company, and all the American monopolistic combines that in any way effect agriculture, or grain, or other production and marketing. If there is anything in it at all, it is a gathering of the already great trusts into a far greater trust to control both the production and marketing of a great and fertile country. It could be nothing less than that. No such combination could be formed, and no such fields exploited, in opposition to, or in competition with, the American trusts that exist today. The great capitalists are interested in the American concerns, and they will see to it that those interests are protected in the creation of new ones. They are in it as the natural promoters and beneficiaries.

What that means to the American farmer one need not go far to learn. The grain in the elevators here, the visible supply, has long controlled prices here. Fill a line of these concerns with grain that does not have to be bought, that is not subject even to a dumper's methods, and the American grain grower becomes helpless in the hands of a new and even more powerful master. It will not matter then whether the American fields yield much or little, whether the grain is sold to meet a demand or dumped, ahead of the real demand, the same combination holds the world's supply, and the American grain grower is its victim. True, the American farmer may have only what is needed in America, every grain produced may be required to meet the home demand, but this world combine with its world elevators, can play with him as the cat with the house, and he may accept its domination or go out of the business.

Out of what business? Not grain growing alone, but farming in general, for the same combination that controls grain can control all the crops. It means a more abject agricultural life—a planting and a reaping year after year for some one else to gather in the profits. The shackles are already being riveted together, and the way out made more difficult.

We appeal to the farmers of this country to open their eyes to the situation. This great combination may be formed or it may not. We say of it only what the papers publicly assert. But if not actually formed, it can be at any time. The capital invested in the trusts that already exist could easily combine in the greater one, and the effect would be as we have but faintly portrayed it. As we have before said, such control of production could be affected in this country, but our farmers already serve the trusts in both production and marketing, better than the trusts could serve themselves. What they seek now is a foreign club to swing over the heads of the American farmers to keep them subservient. If farmers ever take steps to control their business, now is the opportune time. Every day adds to the strength of the barnacles and makes them harder to throw off.

The only remedy we can see is in the control of the marketing, and for that purpose we commend the Equity-System. To give that system its full power in the grain deal may require depositaries and elevators, but they will belong to or be controlled by the farmers themselves. The grain stored in them will not be subject to the world combine, nor will it pass to the consumers through the combine's channel. The Equity System knows where the need is, and the supply goes directly to satisfy that need. It is a world machine within itself, and while the world wide combine is gathering the crops into its centers to be thence doled out to the consumers at Greed's exhorbitant price, the Equity System is supplying the consumers directly from the fields or the farmers' depositories at only an equitable advance above the prices paid the farmers. The Equity System is not an antagonist of the world combine, and the world combine can not compete with the Equity System. They operate in different fields by different methods; and no matter what the combine may do the Equity System if farmers compete it, will be independent of it, for it will be the system of the farmers themselves who already own the stuff.

Grain Dealers Combine In Indiana

Suit Against Fifty-three Buyers

TO GIVE the farmers a very slight understanding of what an international combine of dealers in farm products, as outlined in another article in this paper, and whose formation is declared to be well under way, would mean to them, we repeat what the newspapers have said of a local combine alleged to have been recently discovered in Northeastern Indiana. The combine is called the Hay and Grain Producers' and Shippers' Association, and suit was brought about the middle of December against fifty-three of the members of the association. Nearly every dealer in the following Indiana counties, it is said, is named in the complaint filed by the Attorney-General, and upon which writs were issued; to wit: Allen, Elkhart, Lagrange, Steuben, Dekalb, Noble, Kosciusko, Marshall, Fulton, Cass, Whitley, St. Joseph, Miami, Wabash, Huntington, Wells, Adams, Jay, Blackford, Grant, Howard, Tipton, Madison, Delaware, Randolph, Wayne and Henry.

In the complaint it is alleged that the defendants do an annual business of $3,000,000, and that through the combination the farmers in that section of Indiana have received $250,000 less each year for the past two years for their products than they otherwise would. In other words, the combine has practically robbed them of $250,000 a year. It is alleged that the dealers who have been made defendants in the suit brought by the Attorney-General, own elevators and buildings valued at $1,000,000.

The complaint alleges that the dealers named do 95 per cent of the hay, grain and wool business of northeastern Indiana, and that their combination is a conspiracy to control and fix arbitrarily the prices, terms and conditions under which they will engage in business, to monopolize the hay, grain and wool trade, to suppress competition, and compel farmers and producers to sell their goods to the dealers in the combine, and to no others.

To accomplish this purpose it is alleged the association sends out daily from a central office, to farmers and dealers, quotations of prices for each day at which, or at least not above which, all the members of the association must purchase. In other words, no member must pay more for any article than the price given out by authority of the combine. Should any member of the association violate this rule and pay more than the prices quoted, that member is to be driven from the society and so punished as to prevent such violations.

The prices fixed by the combine, it is alleged, are from 10 to 12 cents lower on grains than the prevailing markets, and from $2 to $5 a ton lower on hay.

Farmers need not think this combine recently discovered in Indiana is an isolated case. The same spirit dominates trade everywhere, the purchasers arbitrarily fixing prices and compelling farmers to accept them. It is not a question of what the goods cost in their production, nor of what the demand can reasonably pay. It is only a question of what they can force farmers to take and then of what they can compel users to pay. This Indiana combine that placed itself in position to compel farmers to sell at prices 10 and 12 cents below the market did not sell again at prices below the market. The difference was the reward of the combination, and went to fill the dealers' coffers. In the hands of such a combine the individual farmers are helpless, and in this case it was no difficult matter for the dealers to add $250,000 a year to their wealth, that ought, even in the ordinary marketing methods, have belonged to the farmers. But suppose the farmers had been marketing by a system that did not run in the channels of trade, but that put the products directly in touch with the demand, and at prices at which the demand could fully satisfy itself. Such marketing would have been entirely independent of the combine, and yet it would have involved no quarrel or warfare between buyer and seller. It simply meant that the farmers had learned their business; that they knew where their products were needed, that they were in touch with Equity dealers, a nation-wide system of them; that their goods were their own and that they were not compelled to sell to hold prices down. This system and the teachings of UP-TO-DATE FARMING would heve been worth to the farmers of Northeastern Indiana $250,000 a year and there would have been no need of a lawsuit to straighten the buyers out.

THEIR MILLIONS NOT AT STAKE

Chicago, January 4, 1910.

MR. J. A. EVERITT, Editor.

I congratulate you on your issue of January 1, 1911. Your exhortation to farmers to market wisely deserves great commendation. Never in the history of the United States were such determined bearish utterances made by a few men whose millions are certainly not at stake in the surplus grain bearing States.

The prosperity of the farmer is the prosperity of the nation and it is a near-sighted policy to lower the corn and oats prices at this moment.

E. W. WAGNER.

A Fallacious Argument

ONE of our exchanges that has always opposed co-operation of farmers to control their own marketing and yet claims to be a friend of agriculture, speaking of the impossibility of farmers conducting their business in any other way than as individuals, and of the impracticability of corporation control of farming, says:

If farm corporations could get possession of all the farms in this country and the present farm owners retire from the business, the corporations would become bankrupt in a short time. To run the farms properly they would have to draw out over 4,000,000 laborers from the factories of the country, and that would deprive the factories of two-thirds of the wage earners. The farm corporations would have to pay these factory laborers higher wages than they got at the factories, to induce the change. Corporations can not advance crop prices beyond the average world price. Food prices never can be boosted above the ability of consumers to pay.

Suppose corporations or other agencies of accumulated wealth had possession of all the farms in this country, as our contemporary intimates, why would those corporations have to go to the mills and factories for help to cultivate them? As a rule, the wage earners in the factories know less about farming and are less capable of doing farm labor than any other people on earth. The managers of great combined interests have never been accused of being business fools. The mills and factories would be the last places such corporation managers would go to for help to run the farms.

In the opinion of the astute editor from whom we quote, what would become of the present farm owners and laborers when the corporation owners took possession? Would the change of ownership wipe the present owners and farm workers off the earth? Not much. They would be living people just the same; they would have families to support just the same; they would be compelled to have homes or places in which to keep those families, and they would be far more dependent upon their labor than they are now. They might have to vacate the comfortable homes they have made for themselves, they might no longer have the corn crib, the wheat bin and the hay mow to go to, but they would be in the country, and they would have to live, and they would be clamoring for leave to work for their new masters; and at what ever wages the new masters named.

Any one may contemplate such a condition with equanimity, if he will, but we do not. UP-TO-DATE FARMING believes corporation ownership of the agricultural resources of the country a possibility, because accumulated and concentrated wealth can do anything in a money serving age like this is; but we do not believe it at all probable. Capital goes only where its owner thinks it will best serve him and more certainly add to his accumulations. And the capitalist seldom makes a mistake. We have said many times that the farmers owning and working the lands, with their present system of production and marketing, serve the wealth gathering trusts and corporations better than they could serve themselves. So long as they do that there is no inducement for corporation ownership.

But that is no argument against a change of the present unfair methods; indeed, it is a strong argument in favor of such change. If the farmers are serving the market manipulators they are not serving themselves. They invest in the land, they make the improvements, they do the work, and they take the risks, but the co-operating dealers and handlers get the profits. This is the part we want reversed. We want the farmers to co-operate. We want them to study the crops and their production, to learn from a reliable source, how much of such stuff will be needed each year, and where; and then to produce to meet that need, and send the products directly to the place of need. To do this farmers must understand each other. They must act together. They must co-operate. Can't they? Of course they can. Farming occupies a vast territory, even in this country, and millions are engaged in it, but as has been shown time and again in this paper, the margin between the quantity produced, the quantity actually needed, and the quantity necessary to control is very wide. "A little leven leveneth the whole lump," and a small quantity controlled in the market controls the whole product.

It is just as silly to talk of the average world price and of boosting prices "above the ability of consumers to pay," as it is to talk of corporation land owners going to the factories for help to run the farms. There is no average world price. By the board of trade system of price-making prices fluctuate, make too many changes and entirely without cause, to make it possible to strike a world average; and the only boosters of price above the ability to buy, are those who have taken the goods from the farmers' ownership control.

The whole thing simmers down to this simple proposition: Produce to meet the demand; sell at prices that guarantee a profit, and that will do so whether small or great crops are produced; send direct to where the demand calls for it, and let the consumers have it at prices corresponding with what the farmers receive.

A Personal Letter From the Editor

ESTEEMED READER:

In last issue I made a personal appeal to every subscriber to get his neighbors to subscribe.

Have you seen yours? Did you send your coupon in, or the club?

If you did not then THIS personal letter is written especially for YOU.

Declining prices must stop. Prices must be sent up where they will be profitable.

To do this there must be a little more control. A great many more must know the minimum prices so a few more will quit dumping. It will only require a little more control as I proved beyond a reasonable doubt in last issue, but a great mass of farmers must be reached. I can reach them only through you.

Farmers can not co-operate in selling until they have the same prices.

The best way to have the same prices is for all to read the same paper that carries the prices; in fact there is no other practical way.

Farmers in a neighborhood may agree on a price, but what would that avail them if the farmers in 5,000 other neighborhoods agreed on other prices, or had no agreement at all?

Neighborhood co-operation is a farce.

But suppose the decision of the neighborhood group of farmers to ask 65 cents for corn, $1.20 for wheat, 47 cents for oats, 50 cents for potatoes, $1.00 for rice, etc., was printed in UP-TO-DATE FARMING and sent to 250,000 farmers or double this number. That would be different.

Out of this great number, enough would ask the same prices to make them the market prices.

Just think of 3,000,000,000 bushels of corn (the 1910 crop) priced about 20 cents lower than it should be, because there is an 8,000,000 bushel visible supply belonging to the middlemen. This is a case of the tail wagging the dog if there ever was one.

So I appeal to you again. IF YOU have not sent your club won't you do it now?

Do you ask; "What will be my reward?"

I answer: The reward of a vast army of your brother farmers backing up every demand you make for profitable prices; the reward of honest toil honestly rewarded; the reward of an honorable place among business men; the reward of a happy home and a loving family well provided for; the reward of industrial freedom.

But this is not all. See page two for valuable rewards of new seed corn, new seed oats, new seed potatoes and vegetables and flower seeds.

I believe UP-TO-DATE FARMING has been so valuable to you that you can't afford to let it stop. If it has helped you it will do as much for your neighbors. Certain it is that what you get in this paper you can not get elsewhere.

But UP-TO-DATE FARMING is going to be more valuable this year than ever before. It is going to help farmers more this year in marketing than ever before.

So I want this campaign to win. You want it to win.

I am going to work as hard as mortal man can work to make it win.

I know it will win if the subscribers will do their duty. If I were appealing to merchants, manufacturers, bankers, board of trade men or packers I could calculate definitely on their response.

For a fact, those people have organized and are extending their organization (see editorial in this issue and in our next issue will be an account of all the boards of trade in the United States combining.)

As a final word I will say, I can only reach your neighbors through YOU. This campaign to put prices up where they ought to be can not win without your neighbors are brought into it. So it all depends on you.

I have shown you how easy it is to win. Will you do your little part? If you think you are too busy; or if you conclude to throw the responsibility on the other subscribers; or if you just refuse, I will bear my disappointment as best I can.

BUT I AM JUST GOING TO SAY THIS: IF YOU WILL NOT NOW HELP ME TO MAKE THIS CAMPAIGN WIN, I'LL NEVER UNDERTAKE ANOTHER ONE IN YOUR INTERESTS.

I don't make this as a threat, or to make you think that I have lost confidence in farmers being willing to assert their independence. Oh, no; not yet! But if they throw this opportunity away, I must then conclude that they have not suffered enough and that they prefer the exploiters on their backs, longer.

Also if your subscription expires soon I hope you will renew it, now before another sun sets and rises.

Yours devotedly,
J. A. EVERITT, Editor.

Broom Corn

WE receive a great many requests for a record of the production of broom corn in 1910 and advice about marketing.

There is no other crop around which there are so many uncertainties as broom corn and regarding which we are more loth to commit ourselves, because of these uncertainties.

For instance; the Federal government does not collect statistics of broom corn, therefore, that source to get an estimate of acreage and yield is not available. The growth is principally in three states; Illinois, Oklahoma and Kansas, and in well defined and very limited territory, but there is no organization of the growers, nor co-operation, consequently a report can not be gotten from the most vitally interested people. The crop has always been planted and marketed in the most haphazard way. The result has usually been a wide spread between the prices paid the growers and what is finally paid by the manufacturers and consumers.

Growers of broom corn, like the producers of other crops, are waking up. More of them are refusing the offers made by buyers now, than ever before. Some of these offers are as low as one cent a pound, $20.00 a ton. Remembering that broom corn sold at $200 to $300 a ton, inside of twelve months, we can understand why $20.00 a ton does not look attractive, or why some of those who were offered $100 a ton refused it. There is a constant stream of letters to this office inquiring about the size of the crop and for advice about marketing.

We see in the 1900 census report that the total acreage in 1899 was 178,584 acres and the yield was given as 90,947,370 pounds. If last year's census report was available now it would serve a valuable end, but the figures have not been given out yet.

There is, however, another institution, the Orange Judd Co., publisher of American Agriculturist that issues reports on broom corn and we have its reports before us. They are so full of apparent inconsistencies, however, that we do not like to put much reliance on them. We will quote from them merely as pertinent to the subject.

The 1899 crop according to the 1900 census was 178,585 acres and yield 90,947,370 pounds. The following figures are Orange Judd reports:

Year	Acres	Pounds
1900	78,550	39,506,000
1901	53,300	26,860,000
1902	75,300	39,749,500
1903	56,560	26,303,000
1904	101,500	40,812,000
1905	99,500	41,700,000
1906	95,700	47,740,000
1907	100,600	47,590,000
1908	239,500	97,325,000
1909	103,100	42,090,000
1910	358,500	134,615,000

If the report for 1910 is even approximately correct, then the crop is about three times as great as was ever raised before, excepting the year 1908. But the yield reported for 1908 is evidently an error, as to make it, the report has "All other states 100,000 acres, 30,000,000 pounds." But this section of the country (being the territory growing broom corn outside of the four largest producing states) was credited with only 1,000 acres the year before, 1907, and the same, the year following, 1909, and is credited with 1,900 acres and 25,420,000 pounds in 1910, while the year before, 1909, the acreage, by the same authority, was given as 17,000 acres and the yield 5,950,000 pounds. It is unreasonable to believe that the planting would multiply three and a half times and the yield more than quadruple in one year. Also Oklahoma is put down for 270,000 acres and 94,500,000 pounds in this report against 66,000 acres and 26,400,000 pounds in 1909; acreage over four times as great.

If the figures are approximately correct, then, in their unorganized condition, growers will be powerless to dictate prices or even to influence them

to any great extent and the speculators will gather in the crop at their own prices. If the growers were organized or if they can organize before the crop is marketed, then our advice would be to withhold from the market all the surplus and the producers hold such surplus over until next year. The withholding of 85,000,000 pounds would produce the same condition as last year's moderate crop did and the prices would be as high. 50,000,000 pounds would sell for more money than 134,000,000 pounds, and the growers would have a very large reserve, enough to supply next year's demand without planting a seed.

Since the crop is grown in only a few sections to a considerable extent the growers could organize in a short time if they would. But we will assume that they will not organize. Then our advice to our readers, is to market gradually at the best prices that can be obtained. With broom corn selling in Chicago at $90.00 to $140.00 for common to choice grades it should not be necessary for any person to sell at 1 cent a pound.

In this connection we will repeat what we have often said before; viz: that dumping the surplus of a crop is not equal to consumption, but it will be held by the middlemen as a club to beat down the prices until unfavorable seasons, or unprofitable prices cause a shortage, when it goes into consumption at good prices.

We do not believe there is the enormous crop the above report shows but are inclined to believe the growers who refuse to sell except at a fair price will win, even if they must hold over until next season.

Railroad Discrimination

WE ARE not antagonistic to the railroads. The farmers and the transportation companies should be the very best friends. If there were no railroads the demand for farm products would terminate where it would be no longer profitable to haul with wagon and team, except in a few cases along rivers. And if there were no farmers the passenger traffic would be greatly reduced and the freight business would be nearly wiped out, for the bulk of the freight business is hauling stuff away from or to the farms. It is our business, therefore, to cultivate the friendship between these two industrious classes.

But we do not want discrimination. We want the little farmer to have the same rate that the big farmer has; the shipper of a few things the same proportionate charge that is required of the shipper of many things. For a long time the big things have been inclined to help the big things, and the bargain making habit of big things has naturally found its way into the big transportation companies. Big shippers in their role of bargain hunting have asked the railroad companies to give them special and lower rates than are given in general. The companies have said they could not do that, but that they could make their general rates high enough that they could return a portion of what the big shippers paid.

This is called rebating, and it gave the big shippers an additional advantage over small shippers. On the principle of equal rights and the idea of a square deal laws have been made to prohibit rebating, and for several years there has been quite a warfare against it. But it seems that it is still practiced.

The Interstate Commerce Commission in their recent report admit it, as follows:

> The fight against discrimination is by no means won. Those practices still remaining are more insidious and more difficult of extripation than open rebating, by reason of the fact that they are hidden in contractual arrangements entirely legal except for the effect produced. To speak generally, those arrangements depend upon some unification of shipper and carrier by which shippers secure an interest in the carrier's profits.

That looks like a confession of weakness on the part of the Commission. The entire power of the government is behind it, and it ought to find a way to prevent discrimination. When shipper and carrier can divide profits there is discrimination. Somebody is enjoying favors that others are not.

But the railroads have no cause for complaint in the business they are doing. Their freight revenue for the year ending June 30, 1910, was $1,935,822,872.31. This is a gain of nearly $300,000,000 over the preceding year. The passenger revenue was $631,722,131.73, against $564,718,617.90 a year ago, a gain of $67,053,513.83. The operating expenses, however, were a little greater this year than last—$1,847,189,773.03 against $1,616,575,846.97.

The business done by the express companies for the year covered by the report was $45,856,551.56. It is no wonder these companies do not wish to divide that business with the United States post office department.

Agricultural Extension Work

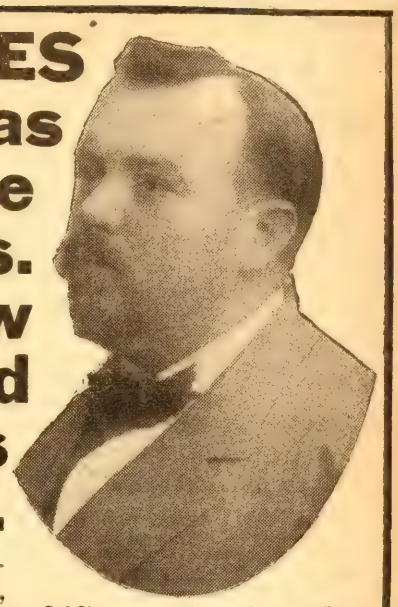
THE Department of Agriculture is aroused to the importance of agricultural extension work, and expresses the hope that in 1911 the state legislatures will give the movement a new impetus by increasing their appropriations for the work. The department claims that agricultural extension is a business proposition, that it undertakes to do for farmers what the proprietors of mills and manufactories are striving to accomplish for their business—the conservation of waste, economy of effort and material, and an increase of the output with reduced expense. Professor John Hamilton, of the office of experiment stations, says: "It strives to do with and for a man that which a manufacturer desires to have done for his machines—improve them that they may turn out more and better quality of products."

The comparisons made do not apply in at least one important particular. When the mill owner and manufacturer increases his output, he is very sure to know first that there is an increased demand to take the increased output so that the price may be fully maintained. This is never considered in the case of the farmer, nor does it enter into the curriculum of the schools or form any part of the proposed agricultural extension. Mr. Wilson's recent report on the great crop of 1910, which shows that farmers made gains only on the crops of reduced production and invariably lost money on the crops of large yield, ought to convince the most skeptical that true agricultural extension ought to include more than production.

These extensionists find it not at all difficult to learn and proclaim the very best methods of productions, and the states appropriated last year more than $300,000 to aid in doing that, a sum that is asked to be made much larger during the future years. Would it be any more difficult to learn how to get a remunerative and steady price for the stuff after it is produced? There are centers of production and centers of consumption of every crop. Can not these be learned and taught as well as where and when to plant for best effects. It occurs to us that it is humiliating to the teachers to induce farmers and teach them how to produce greater crops, to learn at marketing that the greater crop was worth less money to the producer and the world than was the smaller crop of the year before.

Let us extend agriculture, but let us not forget the feature upon which its cash value depends. Others may take their course if they will as they have done in the past, but UP-TO-DATE FARMING will continue to teach that it is better to have a small crop and fair wages than a large crop and actual losses, but never admitting that a crop was ever raised so large that it would not have sold at profitable prices if marketed wisely. The thing to learn and to know is how to place the stuff where it is needed.

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—there is no winter and the cool gulf breazes make the summer delightful.

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You can go with me on the next excursion and **select a farm on the railroad** that might become a townsite. Or on one of the beautiful bays where it will be a pleasure and constant delight to live and enjoy such hunting, fishing and bathing as cannot be surpassed anywhere. Or interior land if you prefer. And remember: on any of this land you can have **crops growing every month in the year.**

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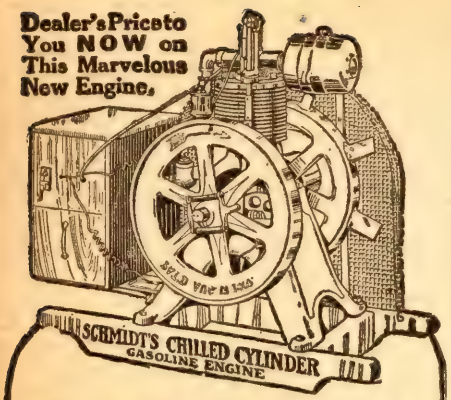
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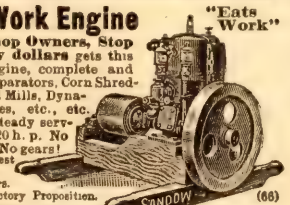
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THE SEED CORN

THE importance of testing the vitality of seeds which are intended for planting cannot be overestimated. Particularly is this true for seed corn, where each kernel planted is expected to make a stalk and produce its share of the crop. But, strange to say, many farmers do still take chances on their seed corn while they ought to be certain that every grain that goes into the ground will produce a healthy plant, cold weather not preventing.

Each year about 90,000,000 acres of corn are planted and about 12,000,000 bushels of seed is required. If the seed only tests 80 per cent strong vitally the crop starts with a handicap of 20 per cent. This may be remedied to an extent by replanting, but that will be much more expensive than to know that the seed is right in the first place.

The purpose of this article is to urge each grower to test the vitality of each ear intended for planting in stead of a sample drawn from the bulk intended to be planted. Preparatory to this test the ears of desired type should be selected. Also the ears should be selected with reference to uniformity of grains.

Germinating Box

When the ears are selected, six kernels should be taken from each, selecting from the different parts of the ear. The kernels from ear No. 1 must then be placed in square No. 1, of the testing box; No. 2 in square No. 2, etc. Place the grains with the germ side up.

Of course it is important that the ears be numbered to correspond with the squares, on this depends your ability to reject the unsatisfactory ones.

Any person can devise a germinating box or pan, but we will describe one that can be made in a few minutes from almost any boards picked up around the place. The box should be one and one-half to two inches deep inside and the length and width to suit the needs. It should not be water tight.

The box from which our illustration was made was ten and one-half inches long and twelve and one-half inches wide, and had a capacity for testing fifty-four ears at a time. The seed bed is made of heavy canton flannel or similar material. Put two or three thicknesses of cloth in the bottom and have one or two thicknesses for covering the corn. A new piece of cloth should be thoroughly soaked or washed before using.

For the seed, mark the cloth in two-inch squares. When all the squares have been filled fold the top cloth carefully over the kernels. The cloth should be moist when the seed is placed in and must be kept moist by sprinkling as long as the test is in. The box should be covered with glass or oilcloth, or anything else to prevent evaporation.

The temperature should be kept between 60 and 85 degrees F. If it can be made to vary between these points the test corn will experience about the same variations as may be expected in the field.

A good germinating apparatus may be made by using two dinner plates, one inverted over the other, and use the cloth the same way as in the box.

BURN THE CHINCH BUGS

Following is the advice given by the Kansas Experiment Station to farmers of that state. It is as applicable to other places where chinch bugs have been troublesome. Attention to this matter may be the stitch in time to save nine:

The chinch bugs have gathered in dangerous numbers in the clump-forming grasses of the badly infested parts of the state.

Most of the bugs can be destroyed by running fire over the infested grass lands in such a way as to burn the clumps down close to the crowns, and the balance will thereby be exposed to the rigors of winter.

Never have conditions for winter destruction of chinch bugs been better. The grasses are so dry that close burning is easy.

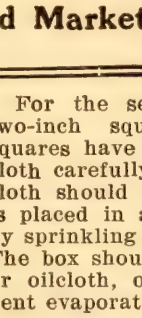
Neglect to destroy these bugs, and with winter, spring and summer favorable to them, wheat, corn, cane and Kafir will suffer severely, and will in many cases be completely destroyed.

Every farm ought to have a tool grinder. Sharp tools do twice the work of dull ones. And it's a saving on one's temper! We recommend the grinder made by Luther Grinder Co., 102 Madison St., Milwaukee, Wis. It will be sent on free trial. You take no risk. Write for particulars. Send a postal card today.

SOWING FERTILIZERS WITH GRAIN

There has been a great deal said and written on the subject of sowing fertilizers with wheat and other small grains. In most states it is acknowledged that it pays to use commercial fertilizers. Those who have had the greatest experience with these soil enrichers, agree that they are difficult to handle, being very easily affected by climatic conditions. That is, they gather moisture, and therefore, at times, become pasty and sticky. This causes corrosion, gumming and cementing of the fertilizer feeds. In order to overcome this difficulty the makers of the Buckeye Grain and Fertilizer Drill have adopted a glass cone feed which does not corrode They have also lined the fertilizer hopper with galvanized iron and provided same with an agitator which swings slowly in the fertilizer hopper, keeps the fertilizer from banking up and prevents lumps from causing trouble. The prongs on this agitator play over the hopper bottom and around the non-corrosive glass discs, thoroughly cleaning and scraping same. It makes no difference what kind the fertilizer is, the Buckeye is guaranteed to handle and sow it in great range of quantities. The Buckeye Grain Drill has many good points not to be found on other drills. The grain feed is of the internal type, with two throats or feeding channels and change of quantity is obtained by changing the speed of the distributor wheel in the double feed cup. This feed will sow all large seeds—Lima beans, red kidney beans, peas, beets, oats—as well as wheat and all other small grains. In other words, there is no seed too large and none too small for the positive force feed of a Buckeye Drill and the quantity is under absolute control of the user at all times. The frame is of square steel tubing and furnishes a most solid and substantial foundation for the drill. The manufacturers, The American Seeding Machine Co., Incorporated, of Springfield, Ohio, will be pleased to send any of our readers a Buckeye catalogue. We would also recommend prospective purchasers to go to their local implement dealer and insist on seeing the Buckeye Drill, which is made in plain and fertilizer styles in single disc, double disc, hoe and shoe.

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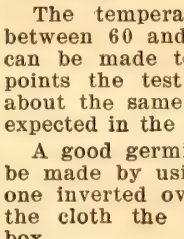


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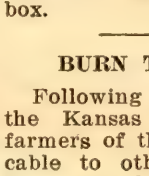
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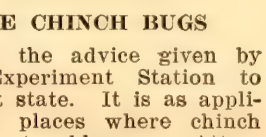
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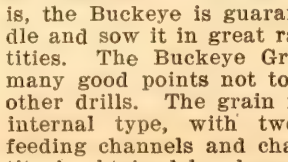


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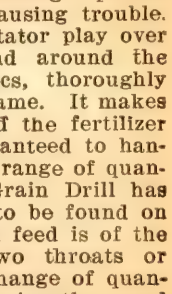


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Use of Commercial Fertilizer

By Michigan Experience Station

It is not possible for any man to predict with certainty what the return will be from the use of any particular fertilizer, because so much depends on the season, the physical condition of the soil, etc. It is safe to assume that a soil is lacking in something when it fails to produce a good, average crop, say 50-60 bushels of shelled corn or 25-30 bushels of wheat per acre. For all soils under good climatic conditions should be able to produce the above amounts of grain when properly handled. The failure of a soil to yield average crops may be due to several causes, among which may be mentioned the following: improper drainage, improper tillage, unfavorable climatic conditions, lack of moisture, lack of humus, acidity, lack of available plant food.

It will be readily seen from this that only one of these conditions can be remedied by the addition of commercial fertilizers. If the other conditions exist, they should, as far as possible, be corrected before any form of commercial plant food is used. It will be readily seen that all of these conditions except one, are within the power of man to control, at least to a certain degree.

Drainage.

It is not an uncommon sight, especially in the spring, to see large areas in fields where the water is standing anywhere from a few inches to a foot or more in depth. In such cases it is late in the season before that land is in a condition to be worked; consequently if a crop is sown, it is late in getting started and furthermore, such places are liable to be flooded with every heavy rain. In some soils the water may not stand upon the surface, but come to a level within a few inches of the surface. Such soils can be benefited only by a drainage system that will carry away the excess water. Commercial fertilizers can not take the place of drainage.

Cultivation.

The advantages to be derived from cultivation are many. It keeps the ground in good physical condition, makes available some of the insoluble plant foods, kills weeds, and when done at the proper time, conserves the soil moisture. Commercial fertilizers can not take the place of cultivation.

Unfavorable Climatic Conditions

Unfavorable climatic conditions are beyond the control of man. Commercial fertilizers can not overcome unfavorable climatic conditions.

Moisture

The soil moisture may be controlled to a certain extent by judicious rolling and cultivation. Commercial fertilizers can not compensate for lack of moisture.

Humus

Humas is decayed and decaying organic matter. It plays an important part in the fertility of a soil. It helps the physical condition, conserves moisture, makes available some of the insoluble plant-food. Humus may be supplied by adding barnyard manure or, by turning under green manures, such as clover, cow peas, rye, etc. Commercial fertilizers do not add humus to the soil.

Soil Acidity

Soils may become acid as a result of the decomposition of organic matter and possibly from other causes. Some plants are particularly sensitive to an acid condition of the soil, especially alfalfa and clover. Soil acidity may be corrected by the use of some form of lime. The forms of lime generally used for agricultural purposes are the following: Burned or stone lime, air-slacked lime, ground lime stone, and land plaster. Burned lime is the most active form of lime and is quite caustic. It is usually obtained in lumps and must first be slacked before it can be applied. This is conveniently done by putting it in small piles and sprinkling just enough water over it so that it will break down into a fine powder, or the piles may be covered with moist earth and allowed to stand until it breaks down into a powder, when it may be spread with a shovel.

When the stone lime is exposed for some time to the atmosphere, it gradually takes up moisture and breaks down into a powder form, when it is known as air-slacked lime. Lime can be purchased in this form and it may be applied with a drill or lime spreader. An objectionable feature to the use of either of these two forms is their causticity, which renders them disagreeable to handle.

Land plaster was formerly used to quite a large extent both in the United States and Canada, but at the present time its use is very limited. Since the lime in land plaster is already fully saturated with the acid radicle of sulphuric acid, it can not neutralize soil acidity, and its beneficial effects are supposed to be due to its power of making available some of the insoluble potash compounds in the soil.

Marl is another form of lime that is more or less abundant in some sections. It is often found underlying marshes and along shores of small lakes, and when it can be gotten out at not too great an expense, it is a valuable form of lime to use for agricultural purposes. The lime is in the form of carbonate, the same as the lime rock and it varies in purity from 50 to 60 per cent calcium carbonate to nearly 100 per cent. On account of the large amount of water which it contains in its natural condition, it is not profitable to transport it for any considerable distance without first drying it.

Available Plant Food

The availablity of the plant food in a soil is dependent upon several factors, the most important being those mentioned above. When all of these conditions have been fulfilled, it may then be profitable to use commercial fertilizers. It is a self-evident fact that the farmer who sells the greater part of the product of his farm is slowly but surely depleting the stock of plant food in the soil, and it is not unreasonable to assume that under such conditions the time will come sooner or later when the soil will become unproductive for an actual lack of available plant food. Such deficiency may be supplied by commercial fertilizers. The dairyman or stockman who feeds the product of his farm to his cattle and judiciously cares for the manure and puts it all back on the farm, need have but little fear of depleting the store of available plant food in the soil, because the actual fertility that is sold in the form of butterfat or beef is not very great. Besides the concentrated feeds that are bought would probably compensate for the loss of fertility in the sale of the products.

The amounts and kind of commercial fertilizers to be used depend upon the kind and condition of the soil and also upon the crops to be grown. No specific recommendations can be made at this time and we shall only attempt to give some general directions for a few of the more common soil types. In certain sections of the state very large areas are made up almost exclusively of light, sandy soil, and they are generally referred to as unproductive soils. There are, however, many cases on record where, by a wise method of handling, these soils have been made very productive. Undoubtedly the greatest need of such soil is organic matter or humus and this is probably more easily supplied, at least in the beginning, by turning under green manures. These soils must be well supplied with organic matter at all times, since it betters the physical condition and greatly increases the water-holding capacity.

Commercial fertilizers are very liable to meet with failure on such soils unless the humus supply is kept up. Farmers' Bulletin No. 323 of the United States Department of Agriculture, Washington, D. C., recommends methods for handling these soils, based upon observations made in



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These soils are quite generally deficient in nitrogen, but this may and should be supplied very largely by turning under legumes, as most of these soils grow clover very successfully.

Whether any forms of phosphoric acid or potash should be added will depend very largely upon the crops grown and should be determined by actual experiment.

Clay soils are universally spoken of as strong soils and they will generally respond to good cultivation methods for a good many years without any apparent decline in fertility. What is true of the sandy soils in regard to humus is equally true of the clay soils, though the effects of a lack of humus is evidenced in a different way. Clay soils deficient in humus become heavy and soggy, and are very liable to puddle after a heavy rain and to bake so hard as to render them almost impossible of cultivation. Humus will correct these faults by making the soil more open and porous, so that the air may circulate more freely and it will prevent puddling and baking. These soils are more liable to be deficient in available phosphoric acid than either of the other essential plant-food elements. The kind and extent of fertilization will depend upon the kind of crops to be grown.

The loam soils are graduations between the heavy clays and light sands and are generally productive soils. The same general considerations will apply to these soils as to the clays and sands.

Muck soils are almost invariably deficient in potash and as a rule will respond to applications of this material. This has been conclusively demonstrated by experiments carried on in our neighboring states as well as in our own state. Muck soils also generally respond to applications of barnyard manure.

SOME HINTS ON THE OATS CROP

As oats sowing time will soon arrive we give the following hints that are worth remembering:

Oats grow best on soils with good water-holding capacity, as it requires a great deal of moisture. When grown for grain, phosphorus is usually the most important fertilizing element which can be added. Very rich soils, especially if deficient in phosphorus, cause rank growth, with lodging as a result. When grown for hay or forage notrogenous fertilizers may be used.

Oats are usually grown in the rotation after a cultivated crop, and are used as a nurse crop for grasses or clover. They are sometimes grown in combination with other crops. When grown with barley large yields of grain for feeding can be obtained, while with Canada field peas or vetch excellent forage is produced.

Oats do best on a rather loose, well-prepared seed bed. The common method of sowing the grain broadcast on cornstalk land without preparation and covering it with the disk harrow is careless and uncertain. Thorough preparation of the seed bed is strongly advised.

Only plump, heavy oats should be used for seed. The seed should be treated for smut before sowing. The formalin treatment is effective and is easily applied.

Drilling usually gives better germination, a more nearly uniform stand, and higher yields than broadcast seeding. The rate of seeding varies with the locality and other factors. In the upper Mississippi Valley two and one-half to three bushels are usually sown to the acre. Oats should be sown as early in the spring as the ground can be worked.

In dry-farming sections harrowing drilled oats while the plants are small increases the yield. Spraying with a solution of iron sulphate to kill weeds is recommended by some of the agricultural experiment stations. The largest yield of oats per inch of water applied is usually obtained in the irrigated sections by the use of fifteen to twenty inches.

Oats are usually harvested with the grain binder, set up in shocks of ten or more bundles, and allowed to cure for ten days or two weeks. They are then stacked or hauled direct to the thrasher and thrashed. In the humid regions a better quality of grain is usually obtained at slightly increased cost from stack thrashing than from shock thrashing. Where there is little rainfall there is no advantage in stacking. The mixing of grain in the separator and the introduction of weeds from neighboring farms by the thrashing outfit should be carefully avoided. The thrashing machine should be adjusted to remove all the grain from the straw and to remove the trash from the grain. The grain should be stored in clean, dry bins, well protected from the weather and kept free from vermin.

The average yield of oats vary from 15 to 25 bushels in the Southern States, from 25 to 40 bushels in the Northern States, and from 35 to 45 bushels in the Rocky Mountain and Pacific States. Yields of 100 to 150 bushels to the acre are sometimes produced in the Northwestern States, particularly in the irrigated regions.

The cost of production is estimated at from 20 to 25 cents a bushel. The cost per bushel of very low yield is considerably greater.

Many varieties are grown in the United States. These varieties differ in size, color, and shape of the grain, the length of time required to attain maturity, the shape and size of the head, the yield, and in winter hardiness. The number of varieties adapted to any particular section is comparatively small. In general, reddish brown (Red Rustproof) or gray (Winter Turf) oats are adapted to the South; early oats, usually yellow in color (Sixty-day and Kherson), to the Central States; and white, large-grained, later varieties (Swedish Select, Clydesdale, Silvermine, etc.) to the Northern States.

The improvement of the crop can be affected through the seed by grading and sowing only the large, plump grain, by bulk selection of the best plants, and by individual plant selections. The latter is the only method by which pedigreed varieties can be established. Good varieties are sometimes obtained by importation from foreign countries.

The principal diseases of oats are smut and rust. Smut may be controlled by the use of the formalin solution; good preventive measures against rust are the sowing of early varieties and sowing only on well-drained land.

The principal insect enemies of growing oats are the spring grain aphis, the chinch bug, and the army worm. The remedies applicable to other small-grain crops apply to oats. Grain weevils and moths do rather less injury to oats than to other grains, because the hull of oats serves as a protection; fumigation with carbon bisulphid or hydrocyanic-acid gas is recommended for these insects.

MINOR ITEMS OF FARM EQUIPMENT

A CIRCULAR (No. 98) issued by the Ohio Experiment station on this subject summarized as follows:

Few farmers realize the extent of their investments in the small items of equipment or the time and inconvenience involved in buying numerous articles singly or in small lots. Before planning the farm equipment due consideration should be given to the necessary outlay for minor items, and, where possible, the latter should be secured at one purchase, thereby saving time, and usually money. The purchase of these articles in such a manner will mean a total expenditure sufficient to impress the farmer with the need for their systematic care. The minor items for a general farm of 160 acres in Ohio and other Middle Western States will probably cost from $200 to $300 by the time the equipment is complete.

The circular publishes a list of articles, being a summary of the minor articles found by inventory on thirty-three farms. The list contains 240 different articles and the value at current market rates was $270.70. It contains another list by a young man who started in farming that comprises ninety-eight articles and cost $96. The bulletin is valuable as suggesting many small tools, etc., that are essential to the smooth running of a farm.

A Trying Time

Susie—Mary, what made you look so vexed when you came from up town yesterday?

Mary—I passed a store where they had great bargains in shoes, and the nicest kind of clerks, but, dog on it, I had a hole in my stocking.

The Man Behind the Peg

Have you never read a poem so sweetly told in words of fun?
Of the deeds so great and daring of the man behind the gun?
But his worst excitements over and they've settled up the row,
There's another wanting honors—he's the man behind the plow.
They are stories oft repeated and they are getting slow,
Then we're asked to pause a moment for the man behind the hoe,
But at present there are many scattered thickly o'er the land,
Toiling faithful without honors with their husking peg in hand.
Breakfast early in the morning, often-times by candle light,
There's a hustle through the daytime and a supper late at night,
That's the story oft repeated at the husking time of year,
Then we look and find a brightness on that husking peg so dear.
Tar hath scented up the kitchen, frosty air makes cheeks so red,
Ragged clothing is in order, and we're eating mush for bread;
There's a beauty in the sunshine, there's a freshness in the air,
And when the wagons rattle, why what can a body care?
But there's two sides to a story, throw some bouquets large and grand
To the open hearted fellow with his husking peg in hand;
Millions now depend upon him where the sun so brightly gleams,
And he'll hold them ere they vanish like some sweet, forgotten dreams.

—L. C. Greene.

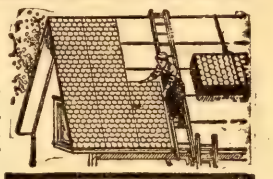
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Why isn't it just as important for the Farmer to get away from his business as it is for the City Man? We talk about the Business Man going to the country for a spin in his auto; for fresh air, change of scene and to meet the good folks there. Of course it does him good. It's worth a lot to him in dollars and cents.

Turn it around: Shouldn't the Farmer get a change by going to the town or city?

The change will do him good. Paved streets, tall buildings, hustle and bustle will put ginger into him. It will make him think more, work harder and better. He is over supplied with the stillness of the country, with the bigness of his fields. Get a change in town.

And right here is where an automobile is valuable. Twenty to thirty miles to a city is nothing for the motorist. It's a matter of an hour or two. And you can take trips twice as long every week—not once or twice a year.

Just think if it is not worth a lot to you in dollars and cents to be able to get away from your business, Mr. Farmer. You can afford an automobile as a luxury if you want it. But it isn't that. An automobile is a good investment for any farmer. Think about it.



A snap-shot of Col. Roosevelt in an I. H. C. auto with his friends.

A DAIRY FARMER'S AUTO

The modern up-to-date farmer looks upon the automobile as a necessity—not a luxury. Good machinery is a paying investment, as it does better work and saves time—dollars.

One dairy farmer uses his touring car to take his milk cans to market, seven miles away. Formerly a half day was required to make the trip and one of the men had to go. Now the farmer himself does it easily in an hour and does it better in his auto. The man gets in a full day's work about the barns and farm.

Besides, many railroad trips are saved by quick runs to the city. A fifty-mile trip is a pleasure and the family can go along as cheaply as not. An automobile for this farmer makes money. In addition to all this he has the pleasure and healthful exercise with his family and friends.

FIFTY PER CENT OF THE AUTOS

It is said farmers are buying 50 per cent. of the automobiles sold. Good for the farmers! And they are cash customers, too, according to reports. The Saturday Evening Post says this:

For several years, at about this date, the Continental and Commercial National Bank of Chicago has collected reports on the business situation from country bankers and merchants over the West and South.

In this year's reports the farmer and his automobile were the subject of particular inquiry. Summarizing the replies, the bank says: "Our information is that the farmer who buys an automobile generally pays cash for it."

Some replies point out that farmers are obliged to do much driving in the course of a year, to town and to other farms, and on many necessary errands the automobile really economizes time. Others say the machine decidedly promotes that rural sociability which all critics of farm life deem desirable. A country merchant writes that an automobile makes the farmer's son and daughter content with farm life, checking the townward drift, and so "is the best movement that has been inaugurated."

To the young people especially distance is the farm's chief drawback—distance to town and to the neighbors.' More than any other invention, the automobile removes this drawback. It puts every farm in the ideal situation of "joining the town site."

We suspect the truth to be, not that too many farmers who cannot afford them have bought automobiles, but that too many who can afford them haven't.

No one has a better right to the good things than our farmers. We are glad they are coming into their own, which this paper is doing so much to secure for them.

A little instrument that will salt your meat *at the bone* can be bought for only $3.00. Saves every joint and one saved pays for it. Quick and easy; anyone can use it. Send to T. J. Turley Co., Owensboro, Ky., for booklet in colors explaining. Mention UP-TO-DATE.

How to Save Half on Your Tire Cost

Here are tires which, until lately, cost 20% more than the ordinary. All because they can't rim-cut, and because they are oversize. Now these same tires, which save half on one's tire bills, cost no extra price.

We have sold half a million Goodyear No-Rim-Cut tires at 20 per cent more than the price of other standard tires. Last year our tire sales trebled—jumped to $8,500,000.

All because the tires can't rim-cut, and because Goodyear tires are 10 per cent oversize.

Now these same tires—No-Rim-Cut tires—tires 10 per cent oversize—cost no extra price. Our multiplied output has cut the cost of production. All motor car owners should insist on them now.



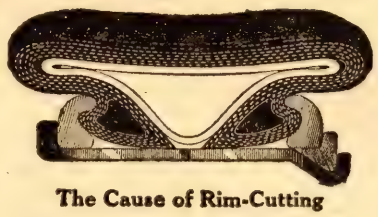
The 63 Braided Wires

No Rim-Cutting

The picture shows how a Goodyear No-Rim-Cut tire fits any standard rim for quick-detachable tires. Also demountable rims.

Note that the rim flanges—which are removable—are turned to hook outward with No-Rim-Cut tires. There are no hooks on the tire base to hook into this flange, as there are on other tires.

The rounded flange comes next to the tire casing, and rim-cutting is made impossible. Half a million of these tires have been used. We have run them flat in a hundred tests—as far as 20 miles. Yet there has never been a single instance of rim-cutting.



The Cause of Rim-Cutting

The above picture shows how an ordinary tire—a clincher tire—fits this same standard rim. The removable rim flanges must be turned to face inward—to grasp hold of the hooks in the tire. That is how the tires are held on.

Note how that thin edge of the rim flange digs into the tire. That is what causes rim-cutting. That is how tires are wrecked beyond repair if you run them flat, even for a few hundred feet.

That rim-cutting ruins more automobile tires than any other single cause.

How We Avoid It

The difference is simply this: In the Goodyear No-Rim-Cut tires there are 63 braided piano wires run through the base on each side. That makes the base unstretchable. The tire can't creep on the rim, and nothing can possibly force it over the rim.

When these tires are inflated the braided wires contract. They are then held to the rim by a pressure of 134 pounds to the inch.

That is why Goodyear No-Rim-Cut tires don't need to be hooked to the rim. The rim flanges can be turned to hook outward, and you can't rim-cut the tire.

Other makers, to meet our competition, run a single wire through the base. Or they use a hard rubber base. But neither plan will do. The braided wires, which contract under air pressure, are absolutely essential to a safe hookless tire. And we control that feature.

Goodyear Tires 10% Oversize

Here is another feature which, with the average car, saves 25% on the tire bills.

The Goodyear—while it fits the rim—gives you 10% more tire for your money. That means 10% more carrying capacity. It means, with average conditions, 25% more mileage per tire.

The reason is this:

Motor car makers, in adopting tire sizes, figure on the weight of the car as they sell it and the weight of the passsengers at 150 pounds each.

They supply the tire size to support that load, but they rarely leave any margin. They cannot afford to at the present prices for cars.

You may add a top, a glass front, gas lamps, gas tank, an extra tire, etc. And passengers may over-weigh. With nine cars in ten the expected load is exceeded. The result is a blow-out—often while the tire is new. Overloading, with the average car, adds 25% to the tire cost.

We Save that 25%

When you specify Goodyear No-Rim-Cut tires you get 10% oversize without extra cost. That prevents overloading. It adds, on the average, one-fourth to the tire mileage.

We give you this extra size without extra cost to protect our reputation. When tires are wrecked by overloading, one naturally blames the tire maker. We wish to avoid that blame.

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Anyone knows that whatever puts more air into one's lungs is good for him. Doctors now recommend the automobile because it gives people more fresh air. Of course the man in the office in the city and the woman in a hot stuffy flat or house needs an automobile more than our farmers. They need the fresh country air—the change of scene. They need to get acquainted with the cows and pigs and horses and chickens. And they are doing it with the auto—taking the whole family, too.

But, look here, Mr. Farmer, doesn't your wife and your family need more air than they are getting? Oh, yes, the country is full of fresh air, kitchen and all. But the wife will get ten times as much fresh, pure air in a two hours auto ride as she will all day at home. So will you. You've got to breath big and deep in a flying auto.

Leaving out its value to any farmer in dollars and cents, and the pleasure derived from one, an automobile is a health-maker for the whole family

Who Would Wed a Farmer?

By S. Minerva Boyce.

O, who would wed a farmer,
And toil from day to day;
Unless he were a farmer,
Who made his business pay?

Unless he were enlisted—
A soldier, good and true;
To fight the greatest battle,
The country ever knew.

Not with sword and bayonet,
Not with rifle ball,
Nor at the mouth of cannon
The enemy shall fall.

But through co-operation,
The battle fought to-day,
Will liberate the farmer,
And make his business pay.

With Equity your watchword,
Come rally, one and all!
Press onward in the struggle,
And scale Oppression's wall.

For who would wed a farmer,
And toil from day to day,
Unless he were a farmer
Who made his business pay?

Keep hold of YOUR MONEY

Do not pay freight bills. Do not deal with strangers. Take risks of no kind.

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Dairy Tubulars are self-oiling. No oil holes, tubes or cups. Use same oil over and over. No waste.

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Are Being Cared For

It looks gloomy for the cattle,
With the streamlets frozen o'er;
And the horses neigh for shelter
As they seldom did before.
But we cheerfully can promise
That they'll meet a kindly fate,
If we can induce the farmers
To read our UP-TO-DATE.

FEEDING BEEF STOCK

As a rule, those who sell off the grass make the most profits. We are sorry we have not more encouragement for feeders, because there is grain to be consumed, and we all like the very best quality of beef. It is well, however, to know the facts, and then resourceful minds will be better able to meet the conditions and overcome the difficulties.

The Indiana Station fed a bunch of steers 90 days, and another very similar bunch 180 days. The feed to produce 100 pounds of gain in the 90-day lot cost $8.17; in the 180-day lot it cost $8.74. Hence if the steers at the beginning of the feeding period cost the same, or were worth the same whether purchased or not, the bunch fed 90 days would have to sell for 71 cents per 100 pounds more than they cost to pay for their feed, and the bunch fed 180 days would have to sell for $1.16 per 100 pounds more than they cost to pay for their feed.

Thus it seems there are likely to be greater profits in short than in long feeding. That fact, if it is a fact, indicates that the safest farm plan is to push the stock to the best possible condition on the grass, and then finish in a brief but rush period of feeding. Our idea would be to mix the grain and grass—to give the grain feed prudently while the stock is still in the pastures. In this way weight and quality may be added even while the grass is putting on its cheaper growth.

But the general adoption of that plan would cut out all winter marketing of beef stock, and shut off the supply when it is most needed and most conveniently handled. Even the wonders of cold storage could not make good this change in the time of marketing. There must be winter sales of beef stock, and this means the winter feed lot, and the fattening of stock without the aid of pasture grazing. This is a problem up to feeders, and it will take close study and resourcefulness to solve it. The thing is that stock when sold must pay back what it cost to produce them, an equitable reward for the labor involved, and a fair profit on the investment. The farmer must know what the animal cost him.

Ice water is as chilling to stock as it is to people; but it takes preparation to furnish any other kind during winter in the north. But it is a good thing to do.

If the hogs squeal and fret at night it is because they are not comfortable, and they are not doing their best. Something should be done for them.

Sheep are as good as interest drawing bank certificates. Take good care of them; the interest will soon be collectable. I can nearly imagine I hear the lambs bleating.

There is money in hogs. There was when I was a boy, and that was when the hogs fattened on the "mast," the acorns the trees bore in the forests. There is more money in hogs now than there was then. Take care of the sows and pigs. Help them to do their best.

Protein is necessary to growing animals; it is a flesh builder. The nitrogenous feeds contain protein. Farmers have learned that alfalfa, clover hay, pea hay, and any of the legumes, are good feed to make young animals grow. They are nitrogenous and rich in protein; that is why.

How would you like to be seventy-five years in business? Few houses in this country can trace a line seventy-five years to their beginning. Perhaps the only firm actually in business this long is the Bateman Mfg. Co., Box 65, Grenloch, N. J. Iron Age Farm and Garden tools certainly have experience back of them—and they show it. Send for new catalogue.

BABY BEEF

FROM bulletin 261, issued by the Michigan Agricultural College we get this summary of experiments in baby beef production. The test was of two herds, one that the cows suckeled the calves as part of the feed and the other herd was fed on skim milk as a substitute. The beeves were marketed at eighteen months old. Following is the college's conclusion:

From the figures it would seem safe to conclude that baby beef production by the skim-milk method is much cheaper and gives better results than by the suckling method. When marketed at an average age of eighteen months, calves raised on skim-milk weighed 966 pounds, while those that had sucked their dams weighed 995 pounds, which is not a wide difference in weight. The skim-milk fed baby beeves cost $50.60 per head while the suckled baby beeves cost $66.97 per head, a difference of $16.37 per head in favor of the former method. The skim-milk baby beeves were produced for $5.23 per cwt. as compared to a cost of $6.73 per cwt. for the others, a difference in economy of production of $1.50 per cwt. in favor of the skim-milk fed animals.

Further, from the cows of Herd I, where the calves nursed, no other revenue was secured, while the cows of Herd II, the dams of the skim-milk fed calves, returned a profit of $27.28 per head in butter and skim-milk values over and above the cost of feed consumed.

The quality of the baby beeves produced by the two methods was practically the same and the skim-milk lots brought the same prices as the suckled lots when put on the market. The cost of production is undoubtedly higher than it would be under ordinary farm conditions, but nevertheless, the figures as given show the comparative costs and values correctly and conclusions as to the methods of feeding may be safely drawn.

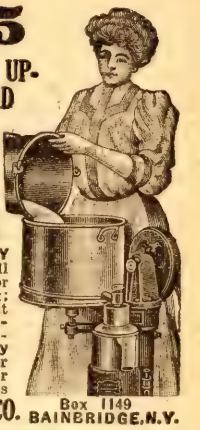
Something Doing

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"Air in the United States," answered the slow-going Englishman, "for everything there is in a whirl.

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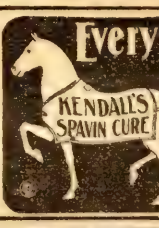


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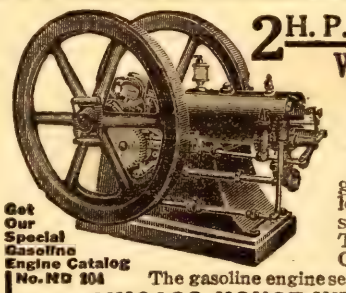
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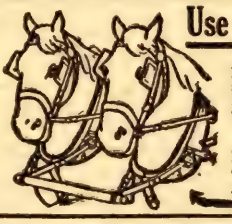
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Silage For Beef Cattle

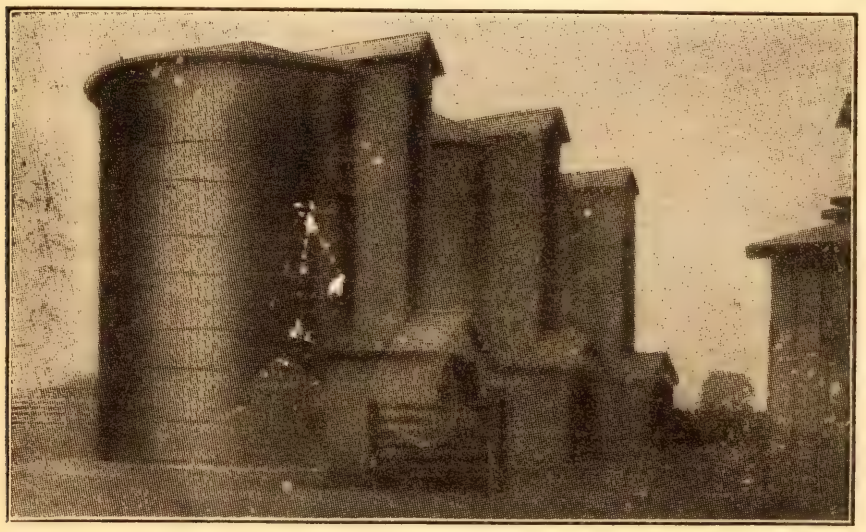
By J. L. H.

Since it is an accepted fact that the kind of information that is appreciated by your readers is that which comes direct from the farm and not the vaporings of theorists, a story of the operation of a friend of mine down in Shelby county, Indiana, should, it seems to me, prove both interesting and instructive.

In an extensive acquaintance with feeders and breeders I have found no other as careful and exhaustive a test as silage for beef cattle. Also be it known that the results obtained were exactly apposite to the belief of the experimentor

But to our story: One of the first small packers and butchers in this part of the state was P. F. Sindlinger, and how carefully and well his business was conducted was evidenced by the comfortable fortune left to his wife and son at his death. This son, C. P. Sindlinger, had been brought up around the meat market and packing house and it was the pride of his parents to know that he knew every detail of the business.

In early time no difficulty was experienced in securing locally a sufficient supply of prime cattle for the meat market which has now grown to



Silos on farm of C. P. Sindlinger, Shelbyville, Ind.

be the largest in the county, but as the years went by and the blue grass pastures were broken up to grow corn and the market for corn grew better, fewer cattle were raised and at times the supply was not equal to local needs. Mr. Sindlinger, Jr., was very choice in his selection of cattle for the meat market and in casting about for a way out of his difficulty, came to the conclusion that his best method would be to feed his cattle himself, thus assuring a steady supply of the kind he wanted.

A fine large farm was purchased near town and barns and cribs were erected, as much clover hay, corn and corn fodder as possible was grown on the farm, these supplies being augmented by purchasing from nearby farmers. Feeder cattle were purchased locally and in the city markets and fed all the corn, hay and fodder they would eat, until they ripened to that condition demanded by Mr. Sindlinger's patrons. This method of feeding proved profitable and satisfactory to him. He not only always had cattle, but what was more, he always had the kind of cattle he wanted. He was doing well and was content with his methods.

However, Mr. Sindlinger had several friends who were feeding ensilage to both dairy and beef cattle and they, like all silo-users, were enthusiastic as to its merits for cattle feeding. His answer to the arguments of his friends was always: "Oh, yes! silage is all right for dairy cattle and for you fellows who sell your cattle. You get more milk and I know it is good milk, because we use it. You put cheap gains on your cattle, but I believe they are soft and would not near cut out over the block with my cattle which are fed grain, fodder and hay. So you see, while I would probably make cheaper gains while on foot, I am sure silage would be no advantage to me." You will note that Mr. Sindlinger's methods pleased him, which fact prejudiced him against silage.

Now, one of the parties who often tried to convince Mr. Sindlinger of the merits of silage was trying to sell Silos and he was more often met with this answer when he approached a feeder, "Why don't you sell Charlie Sindlinger a Silo, if they are what you say they are? He needs several. He's the biggest feeder around here." Thus Mr. Sindlingr became a thorn in the flesh and Mr. Siloman began to try to figure some way of overcoming this obstacle to his pursuit of profit.

Finally, one day he went to Mr. Sindlinger and told him his troubles, closing his tale-of-woe with the following proposition:

"Now, I am going to ship you a Silo. I don't want an order; you just put it up, I will loan you my cutter to fill it. Next spring, I am coming to see you and you are either going to pay me for this Silo because you want it and believe it to be a good investment, or I am going to take it down and take it away, paying you for your trouble and any loss or expense you may have sustained by my having sent it to you."

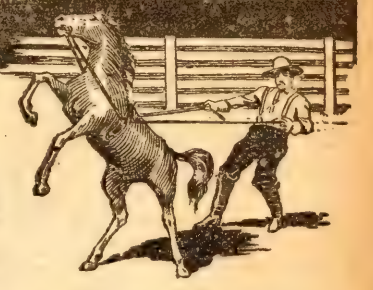
Mr. Sindlinger is a business man and this proposition was so obviously fair and showed such great faith in the Silo, by his friend that his reply was, "Well, you go ahead and I will give you the fair trial, although you doubtless know that I am prejudiced, and while I try to be fairminded, this prejudice will have to be overcome."

The Silo was shipped, erected, filled and fed from that winter and when spring came the Silo man was around ready to fill his part of the contract. Mr. Sindlinger called him back in his office and promptly drew his check for the price of the Silo. He said that he believed that he ought to have another of the same size and placed his order for the same then. The next year he erected another, so now he has three standing in a row, and has often made the statement that he believes them to be the most valuable part of his feeding plan. His surprise was complete when he began to kill and sell the meat of his Silo fed cattle. The meat was as fine and firm as he had ever had in his shop; if it had not been he would have no use for Silos, for quality is what he is after.

I am pleased to be able to send you this account of his experience as it is the only instance that I have come in contact, where the same man feeds, kills and cuts the meat from Silage fed cattle and that in large enough numbers for a long time, to make a real test. One swallow does not make a summer, and an experiment where four or five cattle are used is not to me very convincing. But here is a case where one to two hundred cattle

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S. M. Ryder, Mercersburg, Pa., writes, "I am making money buying 3-year-old kickers cheap, handling them a few days and selling them, perfectly broken, at a large profit."

Levi Smith, Admire, Kans., R. R. 2, writes, "I have used your methods on some very mean and vicious horses and had good success; broke a five-year-old from kicking in two hours. The owner offered to sell it for $75.00, but after I trained her he refused $175.00."



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This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed. Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Potts and the Lightning-Rod Man," "How to Go-a-Courting," Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Biz," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide," "Queerly Married." "Hannah was Aroused." "How the Tired Patient Man had His Feelings Upset," "Jone's Baby." "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. COONER & FORTUNE CO., Indianapolis **FOR 10 cts.**



Let me show you where and how I can save you 20% to 40% of your purchase money on a manure spreader.

You can take your pick of ten different styles—from the fifty bushel wagon box spreader, $39.50, f. o. b. Waterloo, up to my complete, all steel gear No. 5 spreader, sixty to seventy bushels—a size and a style for every farm. One for your farm at a saving of one-fifth to nearly one-half of your money.

How can I do it? Give me your name and I'll write you how and prove every word. Briefly it is that the Galloway is made in a factory with a capacity of 42,000 spreaders of all styles a year. The spreader is sold direct to you at actual factory cost plus one small profit based on this enormous quantity. Absolutely the best value for the money! It's positively true, and more than 50,000 farmers of America say so. Let me send you their proof. Photographs, letters, articles to papers about my spreaders. Proof for any man, even the most unreasonable.

Ask me any question. I'll give you some farmer's answer to it. That's the kind of argument that tells.

You are asked to sift this testimony of eye witnesses. Then take a Galloway onto your own place. Try it thirty days, or more if you need it—make it prove itself. Then I'll take your word, be it yes or no. If it's "no" I'll take back the machine, refund your money, and pay all the freight. I'll even give you 6% interest on your money for the time I've had it. Or you can try it with your money in your own pocket—makes no difference to me. You are the judge, anyhow. I don't ask you for a minute to take my word. It's your word I have to take. There are lots of things that I know about this spreader business that you want to know. Let me tell you.

Let me show you how I divide the melon with my farmer friends.



GET MY BOOK | **"The Great Crop Maker" Absolutely FREE**

Write Me Tonight Wm. Galloway, President

The William Galloway Co.

Authorized Capital, $3,500,000

509 Galloway Station, Waterloo, Ia.

Tell them you saw the "ad." in Up-to-Date Farming

are fed ensilage under farm conditions, and the results here are very convincing. Mr. Sindlinger says, "I would not want to have to feed cattle without the Silo. I think ensilage the cheapest and best feed for all classes of cattle and am especially pleased with results on fattening heavy cattle. I have had no trouble with cattle getting off feed, and even wild western cattle have taken to it at once. I could not get along without my Silos."

There may be times and places where the Silo has no place in cattle feeding, but the only conclusion one could arrive at after knowing Mr. Sindlinger's experience is that they are where no corn is grown with which to fill them.

Have you enlisted in the Campaign to elevate prices where they ought be? If not, begin to get your Club today

A SHORT COURSE WITH "UNCLE SAM"

Do you know that "Uncle Sam," as the United States government is familiarly called, maintains what is equivalent to a free correspondence course in gardening and orcharding? It is so! The United States Department of Agriculture issues, from time to time, bulletins on these subjects which are in themselves the finest kinds of text books, and they are sent free to all farmers who desire them. The Department issues from time to time a catalogue of the bulletins which are still in print and available for distribution, from which you can make your selectio, and read up on any desired garden or orchard subject.

Every farmer should write for this catalogue and get the bulletins which will be of benefit to him, and study them this winter while he has the time in which to do it. Let all take a short course with "Uncle Sam."

Economical Beef Production

H. R. Smith, Nebraska Experimental Station

THE Nebraska experiment station has just issued Bulletin 116, which includes the results of several experiments in cattle feeding. Part I deals with foodstuffs as affecting economy of production, while Part II concerns the individual gaining capacity of animals representing different types.

In two experiments a comparison was made of wheat bran, linseed-meal and cottonseed-meal as protein supplements, the greater part of each ration being corn and prairie hay in one experiment and corn and cornstover in the other. It was found that the linseed and cottonseed-meal were very nearly equal in feeding value—a slight difference in favor of linseed-meal—and that bran is worth about half as much per ton as either. The profits were largest where alfalfa hay was used as a part of the roughage to furnish the desired amount of protein. In both tests alfalfa proved to be worth $13.00 per ton in comparison with linseed-meal at $30.00 per ton.

In a third experiment, in which the new process, cold-pressed cottonseed-cake was substituted for cottonseed-meal, the results were favorable for the cottonseed-cake—more so than either linseed-meal or bran—though the profits were highest with alfalfa—$6.87 per head with cottonseed-cake and $8.16 with alfalfa. The quality of the meat produced on the several rations was in favor of the alfalfa as compared with the commercial protein foods.

In this bulletin are also included the results of three experiments to determine the most profitable proportion of corn to alfalfa. It would seem from the data secured that when corn is worth 35 cents to 50 cents per bushel and alfalfa not to exceed $7 per ton in the stack or mow, considerably less than a full feed of corn—probably 14 to 18 pounds per day for a two-year-old steer—is more profitable than a full feed, which would be about 22 pounds per day. If corn is worth from 50 to 60 cents per bushel and alfalfa $7 per ton, approximately half a feed of corn—10 to 12 pounds—will produce more profitable gains if a good quality of alfalfa is fed in liberal quantity, in fact all that will be consumed. This presupposes a fair quality of steers and a few weeks' extra time to give the desired finish.

ECONOMY OF PRODUCTION

In the last two experiments, individual records were kept in groups of six steers each. This was for the purpose of making a study of animal conformation and quality as affecting gains. Complete measurements were taken on each of the steers used in both experiments, fifty-four head in all. In each group of six steers were different types—some low-set and smooth, possessing quality, while others were more rangy in build and rough in appearance. The results of both experiments would indicate that the more rangy and rougher types make practically as large gains per day as the more compact, smoother cattle, but it was found that these lower-set, more compact types took on flesh more rapidly, were fatter, and sold for a higher price per pound at the close of the experiment.

It was found in these experiments that the depth of body and size of the middle girth is an important factor in making daily gains. A difference in gains of not less than six-tenths of a pound per day was found in all groups, the steers of a given group being fed in the same manner. With hardly an exception it was found that the best and most economical gainers were large and roomy in the region of the paunch. The greater number of the best gainers were also larger in heart girth, although there were a number of exceptions to this. The bulletin is fully illustrated to show the conformation of each steer as to depth, length, width, etc. That there is a great variation in the capacity of cattle to make gains in the feed-lot is made evident in these experiments. It is hoped that by following up this work some conclusions may be drawn as to the relation of external conformation to gaining capacity, in order that there may be more definite knowledge as to what types will most economically convert into beef the foodstuffs grown upon our farms.

The Annual Bills

Oh, the bills are coming in;
Every day I hear their din;
It's a letter from my creditors
Who want me to "come in."

They say, "Please call and settle,
We are getting on our mettle."
So I guess I'll have to write
To UP-TO-DATE.

That the editor may see
Just what's happening to me,
And perhaps he may suggest
A way out.

"Sell for prices like you pay,
If not now another day;
You can then pay as you go—
That's the way.

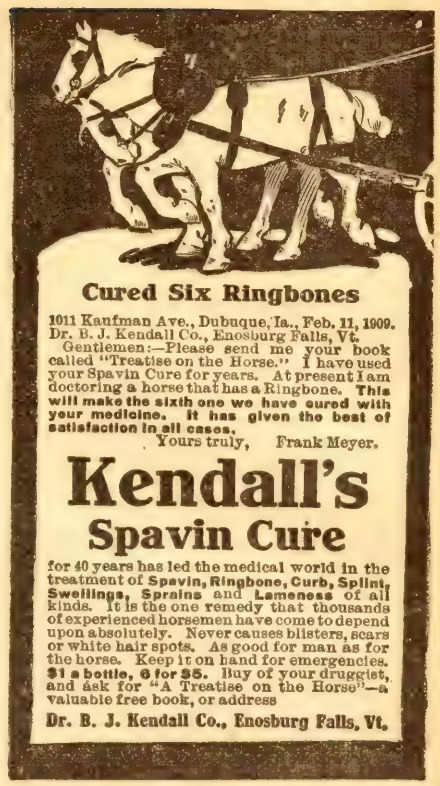
"Thus prosperity shall come
In your bright and happy home."
So says good old UP-TO-DATE,
And makes a hit.

So my husband reads till late
And he thinks the paper great,
For it plainly tells us how
To farm and market too.

On its pages we have found
Much advice that's good and sound
And henceforth in our home we are not
Afraid of bills.

—M. M. L.

Kitselman Bros., sell fence less than any one—13 1-4 cents a rod up. Get their free Catalogue. See their ad in this paper.



Cured Six Ringbones

1011 Kaufman Ave., Dubuque, Ia., Feb. 11, 1909.
Dr. B. J. Kendall Co., Enosburg Falls, Vt.
Gentlemen:—Please send me your book called "Treatise on the Horse." I have used your Spavin Cure for years. At present I am doctoring a horse that has a Ringbone. **This will make the sixth one we have cured with your medicine. It has given the best of satisfaction in all cases.**
Yours truly, Frank Meyer.

Kendall's Spavin Cure

for 40 years has led the medical world in the treatment of **Spavin, Ringbone, Curb, Splint, Swellings, Sprains** and **Lameness** of all kinds. It is the one remedy that thousands of experienced horsemen have come to depend upon absolutely. Never causes blisters, scars or white hair spots. As good for man as for the horse. Keep it on hand for emergencies. **$1 a bottle, 6 for $5.** Buy of your druggist, and ask for "A Treatise on the Horse"—a valuable free book, or address

Dr. B. J. Kendall Co., Enosburg Falls, Vt.

WHEN YOU WRITE

to an advertiser always take special care to

WRITE YOUR NAME PLAINLY

including the full address. You know what you mean but no one else does unless he can read it. Many mistakes and delays occur because names and addresses are not written plainly. Print it if you can't write good.

ROLLMAN'S
Food and Meat Chopper



$1.10 Delivered With This Paper 1 Year

Chops one pound of raw or cooked meat per minute. Also chops or grinds fish, vegetables, fruit, nuts, spices, coffee, cocoanut, horseradish, codfish, etc. Has four steel cutters, fine to coarse. Easy to turn. Opens and separates to clean. Makes no waste. Handsome. Will not rust.

My Offer Send $1.10 and it will pay for one year's subscription to Up-to-Date Farming and a Rollman Food Chopper delivered to your express office all charges paid. Or send a club of 5 subscribers at 25 cents each—$1.25—and I will send you a chopper as a reward.

J. A. EVERITT, Editor,
Indianapolis, Ind.

How a Manure Spreader Paid Me on My Farm

By Chas. S. Benton

This is not fiction but a true story of how my wagon box manure spreader has paid me big returns on my money invested. About four years ago I began using this spreader. Previous to this time the manure business was the most dreaded part of the farm work by the hired hands and rheumatism had so crippled me in the arms that I could hardly throw manure with a fork.

The first year I manured my corn ground in the winter and spring and covered twice as much ground with the same amount of manure, and it was spread all over the ground even and nice, so that the plow would not choke out like it did with the old way when the manure was in bunches and chunks. We used to save the manure until fall and put it on the wheat ground; by so doing, I have learned since I have been using my manure spreader, that I lost at least one-half of the value of the manure as a fertilizer. My first crop of corn that I manured made fifty to sixty bushels per acre. I had been raising from twenty-five to thirty bushels per acre; so I think in **one year I made the price of my machine** by the increase per acre, and I can haul out and spread three times as much manure now by myself in one day, as I could in the old way, and cover three times as much ground, too.

The second year I hauled my manure direct from the stables to the field during the winter. I gave one meadow a light dressing and the next hay harvest that field yielded one-half more hay than the meadow that was not manured.

The next year I tried to see how much manure I could make and how much land I could cover with it. I tell you my neighbors who made fun of my wagon box spreader, now see where I am in the lead. My corn this year on land where I manured last winter and spring made sixty-five to seventy bushels per acre, while just across the fence my neighbor did not raise thirty bushels per acre; my oats this year sown on last year's manured ground made fifty bushels per acre.

Last winter I gave one piece of wheat ground a light dressing of stable manure. Where I did this my wheat yielded twenty-five bushels per acre and the other did not yield fifteen bushels per acre, and besides this secured a fine set of timothy and clover on the manured part while the other was almost a failure. We have begun to put lime dust on our land. I can take my spreader and mix the dust with manure and spread it over the ground to perfection.

One old fellow said, "You can't work corn stalks on that machine no how." (You know they are so nice to scatter with a pitchfork.) I loaded the spreader with wet rotten stalks and some few brickbats in also; got him to watch behind; started up pretty lively, threw it in gear, and you ought to have seen him dodge. He said he guessed he was mistaken; it could throw brickbats as well as stalks.

One of my neighbors bought a big spreader with lots of machinery and has had to use four horses to it; he mires down, machine gets out of fix and makes him mad enough to swear. I use only two horses to my "Galloway Boy" and spread all kinds of stuff over all kinds of ground and have for four years, can't see that its worn a bit, does the work perfectly satisfactorily. It saves me much hard work and I calculate it more than gains me its cost every year and my girl or a ten-year-old boy can haul as nice as any man. I can stay in the shade and rest, while they are unloading, or clean up more while they are gone. In this way I can save the cost of a hand every day I haul.

Now I have actually made the first year on ten acres of corn, increased my product at least twenty bushels per acre or 200 bushels of corn over the old way. Corn was worth that year above expense 50 cents per bushel or $100 in cash grain. The eight acres of meadow I increased three-quarters of a ton per acre over the old way, or six tons, worth net $60.00. On ten acres of oats I got an increase of twenty bushels per acre, or 200 bushels of oats, worth net $80.00. On six acres of wheat I increased ten bushels per acre, over the rest of the field that was not top dressed, worth $60.00 cash. So I know from my own actual, everyday experience, it will pay any farmer to buy a manure spreader. Get one and be happy and prosperous, and make more money from the same land, the same labor, and the same money expended.

75 YEARS ACHIEVEMENT

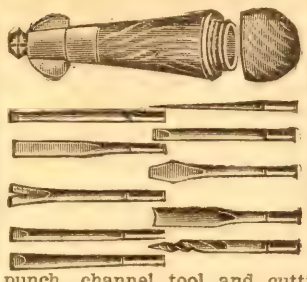
Seventy-five years ago, Stephen Bateman started a little industry in Spring Mills, N. J. (now Grenloch), and he started right. It was his idea that in business *quality* counts above everything else. As a result there is located in Grenloch, N. J., to-day, a large factory that covers several acres of ground, making and selling each succeeding year more and more of the famous "Iron Age" Farm and Garden Tools.

In 1863 Stephen Bateman was succeeded by his sons, Frank and Edward S., and the business continued along the same broad *quality-giving* lines. It would be difficult to find a section of this country to-day where Iron Age farm and garden tools are not known and used. The tools are built to give permanent satisfaction and to stand wear and tear.

Readers of UP-TO-DATE FARMING should write to the Bateman Mfg. Co., Box 65A, Grenloch, N. J., for a copy of their beautifully illustrated 75th Anniversary Catalog. It will be mailed free, postage paid, to any address, and is well worth sending for.

Ever think about a furnace? Every farm home should have a good heating plant. A furnace is clean, cheaper, sure, causes less work and gives better satisfaction all 'round than stoves; besides it doesn't cost as much as you think. Anyone can install it. Write Jahant Heating Co., 209 Howard St., Akron, O., for particulars. They guarantee their furnaces and they (both the company and the furnace) are O. K. Sold on easy payments.

Multum In Parvo Tool Set



I want every man and boy on every farm to read UP-TO-DATE FARMING and every one should have one of these tool sets in his pocket all the time. The set consists of 10 tools, gimlet, gouge chisel, screwdriver, punch, channel tool and cutting tools, all made of steel. The container, which is also the handle for all, is made of hard wood, with screw cap and fore end mounted with polished steel bit and adjustable screw thimble into which each of the tools fit.

My Offer E 5 Send your own subscription three years, 45 cents, or three subscribers one year each, 75 cents, new or renewal, and I will send one of these sets by mail. Satisfaction guaranteed. Mention "Offer E 5."

J. A. Everitt, Editor, Indianapolis, Ind.

Steel shingles are fine for your new home or barn. Grauanteed against lightning. Can't burn. Wear a lifetime, easy to lay. Send to the Edwards Mfg. Co., 111-161 Lock St., Cincinnati, for full particulars.

I Want to Put One of My Beautiful, Instructive and Useful Calendars for 1911 in Every Home Where Up-to-Date Farming Goes. ---J. A. E., Editor

THE WOODLAND CALENDAR

THIS beautiful new calendar I had made for subscribers to UP-TO-DATE FARMING exclusively. I believe it will not be surpassed by any calendar for the year 1911 and equalled by few that can be obtained anywhere. It is a masterpiece of art while the selection of the subjects were most happy for our particular people. Birds are farmers' best friends. Therefore a Woodland Calendar will be welcome in each farm home where it will be a pleasure and joy to see, and an ever ready reference for full 365 days.

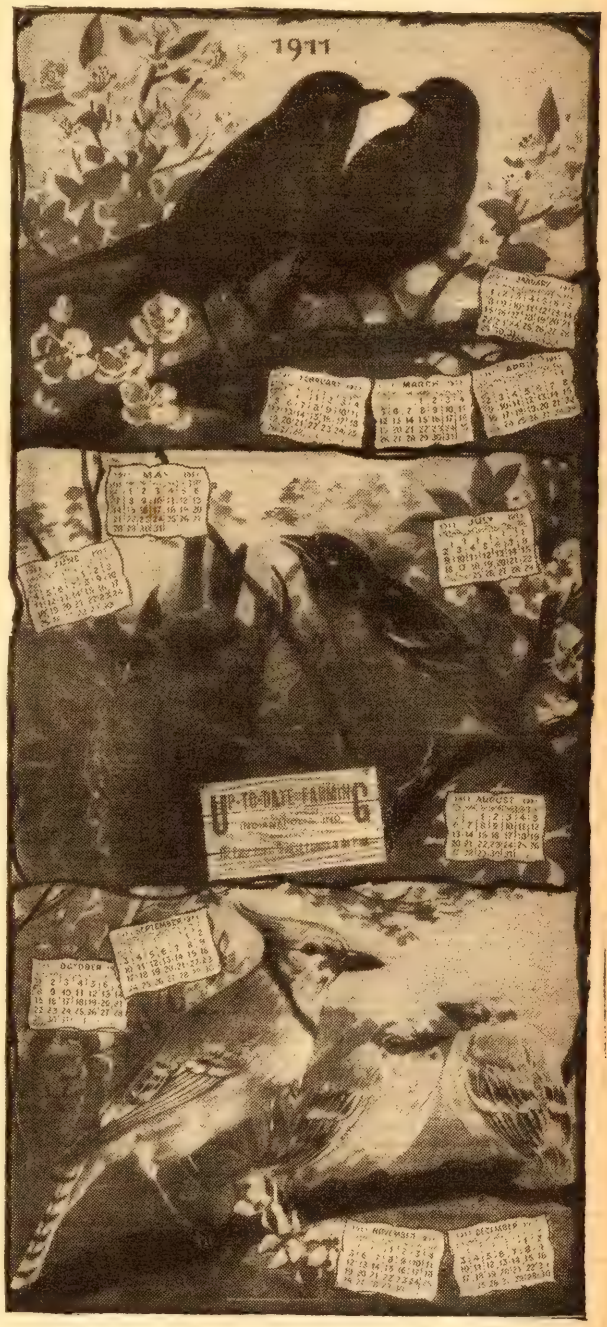
The Woodland Calendar is in three beautiful pictoral panels. The top one shows the harbinger of Spring. "Robins Mating" is the title. Look at them in the picture. The second, "Orioles Nesting;" and the third, "Baby Blue Jays."

They are all careful, consistent reproductions from life. The calendar is produced in twelve colors and the birds look so natural and life like that one, in fancy, can almost hear the cheery call of Robin Redbreast, or the querulous scolding of the Blue Jays, or the soft lingering notes of the Orioles—echoes of the free fields or forests stealing from these charming pictures.

Why affront the lovers of nature with expensive dead birds or artificial ones on the bonnet when you can have them FREE in all their pictured loveliness, from the brush of a celebrated nature artist in my Woodland Calendar? These winged messengers of the air will give a note of harmonious color and free woody atmosphere to every home. The Woodland Calendar gives an artistic charm to any room, is sure to attract every eye and impress your visitors with its novelty and charm, while it will ever interest and instruct the children.

It is true in this case that fine birds made a fine picture.

Size 2 feet, 1 inch high by 11 inches wide.



My Calendar Offer

I want one of my WOODLAND CALENDARS in each home where Up-to-Date Farming goes. Therefore, to each new subscriber or renewal for one year with 30 cents I will send one postpaid if selected instead of any other premium. Of course, if the subscriber wants another premium also he can subscribe for TWO years—50 cents.

UP-TO-DATE FARMING, J. A. Everitt, Editor

WOODLAND CALENDAR COUPON

MR. J. A. EVERITT, Editor, Indianapolis, Ind.

I enclose $..... for which please send Up-to-Date Farming and the Woodland Calendar

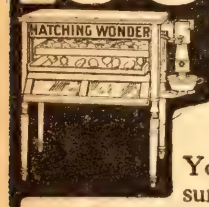
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Is this a new or a renewal subscription? .....

100 EGG Hatching Wonder



You can be almost sure of a 95% hatch or better. We know for we have thousands of testimonial letters to bear out this statement. This incubator has triple walls, copper tank, nursery, chick drawer, egg tray, lamp, burner, thermometer, chimney, funnel, etc. We furnish it complete delivered to your railroad station at a very low price. This is one of our most popular machines and it is better than any other machine on the market, size and hatching results considered, no matter what price is paid.

Better write us today for our free catalogue. Our prices are low.

GEO. ERTEL CO.
139 Kentucky Street, Quincy, Illinois

125 EGG Mankato Incubator $7.25



245-EGG, ONLY $9.90

The high-grade hatcher now down to bedrock price. Well built of best material. Has double walls, heavy copper hot-water tank and boiler, self-regulator, nursery, high legs, safety lamp, egg tester, thermometer, etc. None better at any price. Sold direct from factory under binding guarantee and long-term trial. The result of 16 years' experience with incubators and raising poultry.
Brooders for 120 Chicks, $2.25; for 240, $3.50 and up.
Write at once for big free catalogue and poultry book.
MANKATO INCUBATOR CO., BOX 651, MANKATO, MINN.

YOUR NAME ON A POSTAL BRINGS THIS FINE Poultry BOOK FREE



Tells how hundreds are succeeding — how they get big hatches — how they raise big flocks — how they started on less than $15 capital and no experience — how they were successful from the start. Tells all about the latest, most improved incubators and brooders. Just the book for beginners. Write for it today.
IRONCLAD INCUBATOR CO., Box 48, Racine, Wis.



$7.55 Buys Best 140-Egg Incubator

We ship quick from St. Paul, Buffalo, Kansas City or Racine machines at any price are better. Satisfaction guaranteed. Write for book today or send price and save waiting.

Double cases all over; best copper tank; nursery, self-regulating. Best 140-chick hot-water Brooder, $4.85. Both ordered together, $11.50—Freight prepaid (E. of Rockies). No
Belle City Incubator Co., Box 79 Racine, Wis.



PFILE'S 65 VARIETIES
LAND AND WATER FOWLS. Farm-raised Stock, with EGGS in season. Send 2 cents for my valuable illustrated descriptive POULTRY BOOK for 1911. Write today.
HENRY PFILE, Box 615, Freeport, Ill.

Greider's Fine Catalogue
of pure bred poultry, for 1911, over 200 pages, 57 colored pictures of fowls, calendar for each month, illustrations, descriptions, photos, incubators, brooders, and all details concerning the business, where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. Send 15c.



B. H. GREIDER, Box 46, RHEEMS, PA.

White Plymouth Rocks
CORRECT TYPE
Indian Runner Ducks
Booking orders now for Duck Eggs to be delivered next spring. Send in your orders.
J. B. HOWE, Judge, Box M, Fortville, Indiana

BEEKEEPING its pleasures and profits, is the theme of that excellent and handsomely illustrated magazine, GLEANINGS IN BEE CULTURE. We send it for six months on trial for twenty-five cents, and also send free a 64-page book on bees and our bee supply catalogue to all who name this paper. **THE A. I. ROOT CO., Box 96, Medina, O.**

MONEY IN POULTRY AND SQUABS
FOY'S BIG BOOK tells how to start small and grow big. Describes World's Largest Pure-bred Poultry Farm; gives great mass of poultry information. Lowest prices on fowls, eggs, incubators and brooders. Mailed 4c. in stamps.



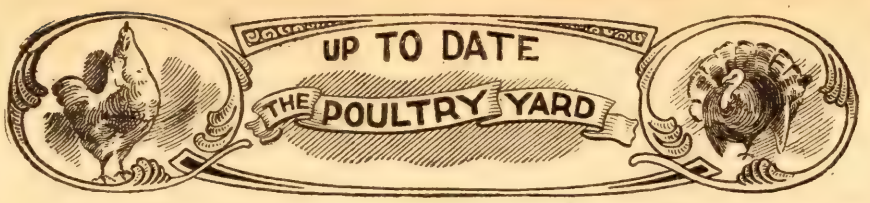
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200 Egg Incubator $3.00
No freight to pay. Actual hen in Natural Hen Incubator heats, ventilates, controls everything. No lamp, no costly mistakes. Best hatcher in the world. Agents Wanted. Catalog free. **N.H.I.Co., 1349 Constance St., Dept. 70, Los Angeles, Cal.**

We Pay $36 A WEEK and expenses to men with rigs to introduce poultry compound. Year's contract. **Imperial Mfg. Co. Dep. 57, Parsons, Kan.**

An Equity Poultry Journal for 25 cents a year. Descriptive Circ. Free. American Hen Magazine, Council Bluffs, Ia.



He Knew a Good Thing

The rooster crowed so merrily,
As he hopped upon the gate,
For he saw the faithful carrier
Hand his master UP-TO-DATE.
"Now they'll know just how to treat us,
And the biddies all will lay
More eggs than e'er were dreamed of."
And that's all he had to say.

THE FIGURES FOR IT

IT IS hard to get farmers out of old ruts. We have found it so in every department of farm life. This is not because farmers are necessarily unprogressive, but it is because the business of farming has so long been a business of routine—to plow, to plant, to cultivate, to harvest and to sell; to sell at whatever happens to be offered for the stuff. There seemed to be no other way, and nothing else to do. It is no wonder that the farmer's life grew into a routine, and that new suggestions seemed foreign to his business.

But there is an awakening. Farmers are beginning to realize that there are other ways and better ways. But we commenced this article to write about poultry. Farmers got into deeper ruts in the poultry department than in any other. The old style of do-little-care-little clings to many yet. But the value of poultry as a part of the farm business, as an important part of the farm's financial resources, is beginning to be understood, and progressive people are furnishing the proofs.

One of the most unselfish of these is Mrs. A. J. Wilder, of Missouri. She cared for her poultry the same as the farmer cares for his stock, and kept careful account of her expenses and income. She found that the average cost of keeping a hen a year was 85 cents, and that the average yearly product of her hens was 180 eggs. These eggs at an average price of 20 cents a dozen, a moderate price, were worth $3.00, leaving $2.15 as the net profits per hen. There is not an animal on the farm that will beat that, investment considered.

But, as Mrs. Wilder says, the eggs are not the only source of income. After the first year or two the older hens may be sold at a profit, and there are the surplus young chicks that bring even greater profits. Says Mrs. Wilder:

"Location is everything in raising hens. They should be allowed to range during seasons when there is plenty of green food to be found. Gravel, which they must have, is plentiful in most soils and they will find it for themselves. But one of the most important requisites is an abundance of pure, free water. Raising hens is a work which woman can do even better than men, for there is no heavy work connected with it. Care and attention to details are the chief requirements and on a five-acre farm any woman with money enough to provide a few necessary buildings can have a good business of her own and be independent by raising poultry. Some women are taking advantage of this opportunity, and I believe many more would do so if they knew the facts."

We want farmers to consider poultry a part of the farm business. Let the woman have it if they wish. Let the income from it be theirs, for they deserve it; but do not hesitate to make all needed preparation, and have all the arrangements as convenient as possible, and as conducive to success.

Try to make every possible provision against poultry catching animals. Some of the most discouraging things we have ever known in connection with poultry raising was the destruction of young fowls by rats, weasles, minks, etc. Do your best to make their inroads impossible.

Cold rains are coming soon and it may not be long until there will be sleet and snow. Will the fowls be safe from exposure to these?

POULTRY POINTERS

Mrs. J. B. Howe

It is none to early to be making preparations for the winter shows. Shipping coops should be made, stock selected, and then gotten into condition. In making this selection, care must be taken and the work not done in a hurry.

The old saying, to "make haste slowly" applies here. It would be quite disheartening to miss the prize because one had, through undue haste, left his best bird at home.

There is no other one thing, which tends to give one more inspiration in the poultry work than to attend a good poultry show. Better yet, to show some fowls, but best of all, to win some of the coveted prizes.

To attend, simply, and look at other people's fowls, is an education. Here is afforded a chance to compare not only fowls, but notes. A chance to see the work of the judge, and learn why some fowls are decorated with the blue ribbons, some with red, others with white, while still others are passed entirely by. Something may be learned in conversation with other breeders, and in listening to others' talks and comments.

There is nothing equal to its value, as an advertising medium, if one has good stock, here is a chance to display it to people who are interested along this line. Even though one may miss taking a single prize, he lets brother fanciers see that he is in the race; he sees it demonstrated why his birds failed and the lesson will be a valuable one to him for the future.

Now, in regard to selecting the fowls. The American Standard of Excellence must be your guide.

If you have no Standard, and are not familiar with the requirements of your particular bred, it would be well to secure the services of some one competent to do the work. There are so many poultry judges, nowadays, that one need not go far to find one, who will come to your home and select your best fowls, for you, for a nominal sum. If you can secure no such help a few general rules may not be out of place.

The fowl should be in good health and condition, with clean, smooth legs and straight toes. The feathers should be unbroken, and, if the fowl is white, washed clean. The comb should be straight, and perfect as possible and bright red in color; eyes bright and of correct color, wry tails, crooked backs and crooked breast bones are all disqualifications, and would bar the fowl from exhibition. The pullets and hens for exhibition should be separated by themselves, the cocks and cockeral, if at all beliggerent, must also be likewise separated, for fighting and showing are not in the same catagory.

These birds intended for exhibition must now be fed a liberal ration of a variety of grain, with an occasional vegetable mash and a little meat in some form.

Care should be taken not to overfeed, else they will lose their appetites and fail to get in good condition.

The shipping coops need to be light in weight, secure from draughts, yet strong enough to insure safe transportation. Ours are made thus: A light pine bottom, four uprights with slatted top and unbleached muslin covering the sides.



BUCKEYE $6 50 EGG INCUBATOR
Simple, self-regulating, complete. Guaranteed to hatch every hatchable egg. Sold on 40 days trial with money back in case of failure. 150,000 in use. If your dealer doesn't keep them write to us. We'll send you our catalogue and two books, "Making Money the Buckeye Way" and "51 Chicks from 50 Eggs," Free.
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and Almanac for 1911 has 224 pages with many colored plates of fowls true to life. It tells all about chickens, their prices, their care, diseases and remedies. All about Incubators, their prices and their operation. All about poultry houses and how to build them. It's an encyclopedia of chickendom. You need it. Only 15c.
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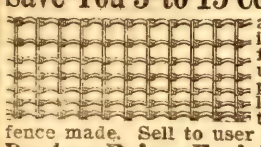
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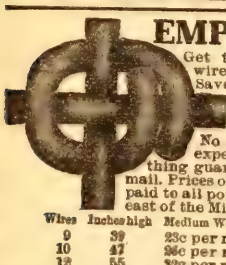
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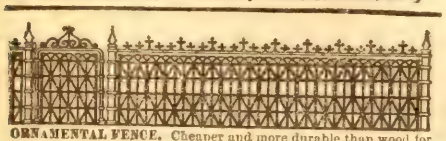
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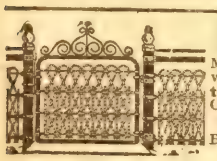
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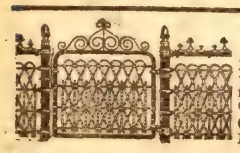


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A FEW IDEAS

Empty the ashes from the stove or the fireplace in the poultry run. If in stormy weather they should be emptied in a corner of the scratching shed, always being particularly careful about fire. Be sure that the ashes are cold. There is much in either wood or coal ashes that is good for the hens, and they will industriously hunt it out.

Don't think laying hens do not need exercise in winter. One of the principal values of the scratching shed is to afford this exercise when the fowls can not range out. Have the floor of the shed covered with litter and scatter small grain in it. Shelled corn will do, but wheat or rye is better.

A box with wheat bran kept in it all the time is a good thing to have in the poultry house or shed all the time, so that the hens can eat from it when they will. To prevent the hens from getting into it, it is well to have the box covered, with a slat removed from one side about six inches from the bottom. Then, if the box be firmly set in a position tipped forward the bran will keep to the front, and be eaten from the side.

Don't forget that the hens can get no bettles, bugs or worms these days, but they need them the same as they do in summer. Meat scraps, shells, charcoal, grit are all the more necessary.

The feet of all fowls are sensitive to cold. A hen won't walk in the snow if she can help it, nor will she wade in freezing mud. If she is compelled to do either you will find no eggs in the nest. Hence the dry, warm littered place to scratch in.

Don't think that because it is cold and you can't smell the hen house it does not need cleaning out. Keep the hen house clean winter and summer, and frequently renew the nests. Often scatter fine dry litter under the perches. Cleanliness is next to—success with poultry.

Do something to call the hens from their perches early these winter mornings. When it is cold or stormy they like to remain where they slept regardless of the day's work before them. Grain scattered early in the litter of the house or shed will bring them down and set them to work. Then don't forget the water. Don't depend on ice or snow for water for the laying hens. A great portion of the egg is water.

FATAL DISEASE OF BEES

THE government experts have been studying the bees of the United States; and not a whit too soon. Bee-keeping is a greater industry in this country than people generally know. At Washington they figure the annual honey product at $20,000,000, and they say that certain contagious diseases of bees cost the American beekeepers not less than a million dollars a year. These diseases are known as American fowl brood and European fowl brood, both of which exist fatally in this country. American foul brood is found in 282 counties of 37 states, and European foul brood in 160 counties in 24 states. Both of these are bacterial diseases, and through the bacteria are communicated from one hive to another. The bacteria attack the developing brood which they weaken or destroy, sometimes making the brood chamber a foul mass, hence the name. As the old bees in a hive thus affected finish their natural lives, or die from any cause, there are no healthy young bees to take their places, and the colony dwindles and perishes.

Many bee-keepers will at once recognize these conditions among their colonies, possibly without having suspected the cause; and it would be well for the government as rapidly as possible to give all available information concerning these diseases. Whatever course of treatment or remedy has yet been given, it is clear, that the bacteria must in some way be destroyed, and that can scarcely be done without destroying all the infected comb, and that would seem to mean the destruction of all the comb in the hive. And since the bacteria may find lodgement on the adult bees, and be thus carried from one hive to another, a transfer of the bees to a new and clean hive would scarcely be effective. If these presumptions are correct, it would seem that about the only remedy is the destruction of the entire colony so soon as it is found to be infected.

For the benefit of bee-keepers, we may say that the government has found these diseases most prevalent in California, Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Missouri, Nebraska, New Jersey, New York, Ohio, Pennsylvania. Texas and Wisconsin. We advise bee-keepers to write to the Agricultural Department at Washington for information on this subject.

That Depended

"Doctor, do you think I have appendecitis?"

"I'm not sure. Are you able to pay a big fee?"

"No, I am poor and already in debt."

"All you have is a little soreness in the side that will be well in a day or two."

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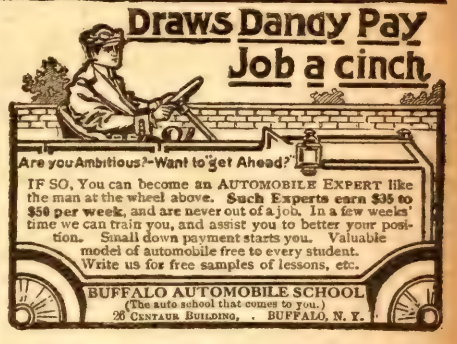


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TIRES, Coaster-Brake rear wheels, lamps, sundries at *half usual prices.*

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THE SURE HATCH IS MADE RIGHT



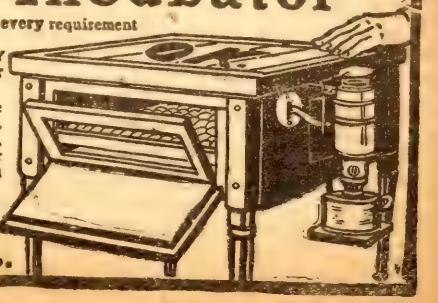
Uncle Sam never says how a thing ought to be made until he knows. Farmer's Bulletin No. 236 of the U. S. Dept. of Agriculture tells the right way to make an incubator and what features a good incubator must possess. The **Sure Hatch contains every one of those features and is made exactly as Uncle Sam says an incubator ought to be made.** The

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Send for Farmer's Bulletin No. 236, sent free by the Government. Send also for the Free Sure Hatch Book. Read the Government requirements of a good incubator, then read the description of the Sure Hatch Incubator and you will see why we guarantee the Sure Hatch to hatch every fertile egg.



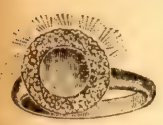
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Family Detective Scale

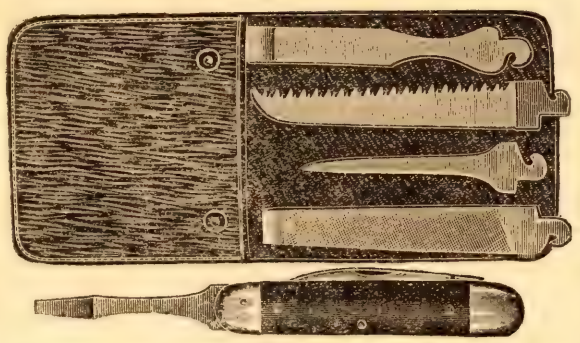


Do you weigh every thing you buy and sell? If you do not you are at the mercy of unscrupulous trades people, but when it is known; yes, just known that you have a *Family Detective Scales* in the house, you will get a square deal from all from whom you buy or to whom you sell. This scale weighs up to 24 pounds. It is steel, enameled in black, each scale is honestly built, carefully tested and full warranted. Modern slanting, enameled dial. By removing the scoop can weigh on the platform.

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THIS AWL



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Famous Lock Stitch SEWING AWL

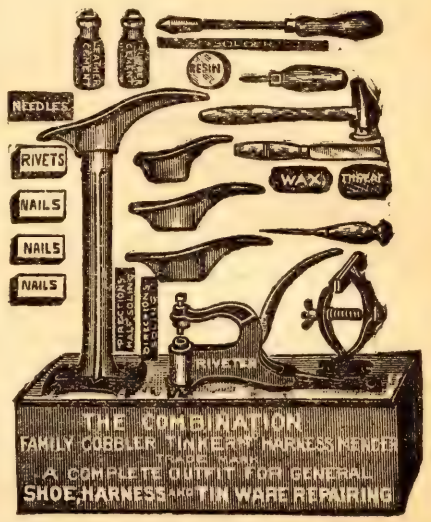
sews shoes, harness, belts, rugs, gloves, etc., etc. A time and money saver in every household, on every farm, for every teamster. Curved and straight needles. Can be carried in the pocket. Always ready to mend a rip or tear. Saves trips to town. Will make it unnecessary to buy many new things.

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The standard and lasts are malleable iron and will never break. Beware of other sets with grey iron stands and lasts which are sure to break unless extreme caution is always observed. We are the only people offering the malleable, that we know of, and at no higher price.

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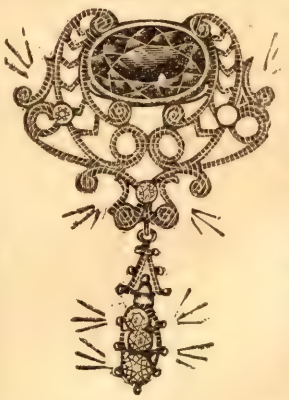
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Freight to be paid by receiver. They take a low classification and freight will be very little.

UP-TO-DATE FARMING
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LA VALLIERRE BROOCH



This is to get some lady or girl friends to subscribe for UP-TO-DATE FARMING, or get subscribers. It is a beauty. Gold filled, Roman finish, one large, fine cut topaz and 6 small brilliant sets, swing pendant. This is entirely new this season. Of course the print can not possibly convey an idea of the beauty of this broach. It is rich and does not look cheap or common.

My Offer E 6 Send your own subscription for 5 years, $1.00; or a club of 4 at 25 cents each; or a club of two, 2-year subscribers at 50c each, and I will send you this La Vallierre Brooch as a reward. Subscribers may be new or renewal. Satisfaction guaranteed. If you want it sent by insured mail send 10 cents extra. Mention "Offer E 6."

J. A. Everitt, Editor, Indianapolis, Ind.

WINTER EGGS

THE poultry raiser who is getting any considerable number of eggs from his hens this time of year is regarded by his neighbors as having almost achieved the miraculous. Eggs are bringing high prices, but to most people this counts but little, for they get none to speak of. It is the common rule to find flocks of from twenty-five to two hundred hens, and their owners gathering only four or five or maybe a dozen eggs a day. Indeed, we know of one flock of nearly fifty, all last summer chicks, and all fine, healthy appearing birds, which altogether produce only about one egg every change of the moon.

Such a condition is wholly uncalled for. Right now those young pullets should be giving the best service of their lives. Instead of feeding these fowls day in and day out, with no perceptible results, every one of them should be laying an egg nearly every day.

Too many forget—or never did know—that a hen is an egg-producing factory; that given the right materials and the proper care, she will as certain turn out eggs as a flour mill will produce flour. But you must furnish her those right materials and give her that proper care, or else the factory stops. You can not pour sand into the mill hopper and take out flour, and if you can't furnish the feed for your egg machine, a necessary part of the product, it is a dead certain fact that you are going to get no eggs. But give her food to keep up the wearing tissues; give her food rich in protein to make the eggs; give her green food such as she is used to in the spring; feed her green bone; give her grit with which to grind her food, after she gets it; let her have a dry place to sleep; make her take plenty of exercise and she can't help laying.

Just give this a trial and see for yourself. At 30 cents a dozen it's worth that much, at least.

THE WINTER FEED

THE winter feed for laying hens must be varied. The farm flock has an advantage in this regard over the flock that must be held in close quarters, for a day is seldom so bad that an industrious hen may not find something in her wide range that is different from the feed that has been given her. But even on the farm it is better to give the hen the benefit of this advantage, and feed her as though she did not have it.

Corn, wheat and oats are strongly endorsed as an ideal combination winter feed; not mixed in every feed, but fed in turn. The wheat and corn may be given alternately, morning and night, the oats being given only occasionally. But even with this ration, meat scraps, bone meal, crushed shell and grit ought to be considered in the supply. The fact that poultry has been expected to pick up these extra articles, or some substitute for them, on the farm, makes farmers a little careless concerning them. The whole object is to help the hens make eggs, and whatever contributes to that ought not to be neglected. The flock that has a patch of green rye to run on will have the reddest combs and do the most cackling. And they won't cackle in vain either.

SKIM MILK AND BRAN

AFTER all that is said about feed to secure winter eggs, a tolerably stiff dough of wheat bran mixed with skim milk is hard to beat. On most farms there is a surplus of milk, and if skimmed or butter-milk could be thus used, it would result in a more rapid filling of the egg basket. We would rather feed in the form of a stiff dough than a soft mash, and we would much rather feed the two combined in the dough than to feed them separately. We do not much like to feed milk in its liquid form. There may be too much of it taken and anything but good results produced.

If you want building material of any kind or furniture, plumbing, engines, roofing, etc., send for the new catalogue No. 204 of the Chicago Wrecking Co., Chicago.

THE OPEN FRONT WAY

IT IS being daily demonstrated that better results can be obtained by the use of an open front poultry house than in any other way. Fowls so housed are less susceptible to other diseases and all around more healthy than when kept closer confined.

There are various ways of arranging an open front house. The simplest, however, is to simply cut a hole in the south side, which should, of course, be the front, about three feet from the ground. Let it extend half way across the building, and make it about three feet high. To keep out varmints nail poultry netting securely over this. Arrange to have a muslin curtain to let down over the opening in severe weather, which, however, is not too heavy to keep out the air. Some also provide for the roosts being placed in the back, and another muslin curtain dropped down in front of these, to insure the fowl's entire freedom from drafts.

An extended experiment of three years, conducted by the Maine Experiment Station, showed that the open front way is the best way; that the chickens were in much better physican condition and produced more eggs than when more warmly housed.

How to Co-operate

(By a Little Girl of Eleven Years)
I've read in FARMING UP-TO-DATE
Of Mr. Everitt's plan
To help the toiling farmer,
And do all the good he can.

Co-operation is his way,
A method good and strong;
So fall in line, ye farmers all,
And help the cause along.

He tells us how to sell our crops,
And how to store them, too
And how to beat the storage crowd,
And bust the trusts in two.

Now this is all worth knowing,
If you're a farmer man;
Send 50 cents for UP-TO-DATE,
And learn that glorious plan.
—Thelma Brock, Grove, Ore.

Out in Clay Center, Neb., is M. M. Johnson, the Incubator Man who gets about as close to the poultry raisers of the United States as any other man. Johnson has built up a wonderful business because of his good machines and strong personality. Better find out what Johnson has in the 1911 Old Trusty. Send a card today and tell him you read UP-TO-DATE FARMING.

Farm fence for 13 1-4 cents a rod up. See Kitselman Bros., ad in this paper.

Seed Corn Testing Pays

Every corn expert recommends it. It means 12 to 25 bushels more corn per acre with the same cultivation you are now giving. With the Monarch 4 in 1 Tester now offered at $3.95 every farmer can afford to test his seed corn and get bigger corn.

Monarch 4 in 1 Tester *Endorsed by Corn Experts as the Greatest Tester on the Market Today*

All who have studied this big corn question unqualifiedly approve the Monarch 4 in 1 Seed Corn Tester because it tests scientifically and can be depended upon. The Monarch tests by earth, by water, by sand, by sawdust. It tests any way it is possible for corn to be tested and its results can be depended upon, every time.

When you buy the Monarch Seed Corn Tester at $3.95 you get a machine that is guaranteed, and will increase your corn crop as sure as sunrise. Stop plodding along with the old uncertain, guess-about-it methods. Try the sure way—the Monarch way. The ***Monarch 4 in 1 Tester*** is sold so cheap that after buying it you'll have enough change left out of a five dollar bill to buy your supply of seed corn.

We don't ask you to take our word or anyone else's for the merit of this Tester. Get it on trial and see for yourself.



$9.95 $3.95



Monarch 4 in 1 Tester Guaranteed--Try It Before You Buy

We don't want your money if we can't prove we are giving you your money's worth. We prove it with our liberal 30 days' trial offer. See for yourself what this Tester will do. Try it with water, with earth, with sawdust, with sand. If after three days' time it fails to make as good a test by any method as any tester using the same method, ship the Tester back at our expense and we will return your money. We make this offer because we want to put the Monarch 4 in 1 Tester on every up-to-date farm in America.

Sort Your Corn With This Monarch Morecorn Sorter

Your planter can't drop evenly and regularly unless the kernels are of uniform size. The Morecorn Sorter sorts your corn into four different sizes. No trouble. Just throw corn into hopper and turn the crank. Corn sorted in a Morecorn Sorter will feed evenly through a planter and three kernels in a hill will be dropped 95 out of 109 times. The increased yield from four acres will pay for this sorter. Afterwards it makes you a clear profit every year. The Morecorn Sorter is sold under a guarantee—if you don't like it send it back and get your money.

CUT OUT AND MAIL COUPONS Send both the one at the top and the one at the bottom. Either will bring literature showing you how to make and save money. Both mean double profits. Send them now.

MONARCH SELF FEEDER COMPANY
Dept. 130 CEDAR FALLS, IOWA.

Monarch Self Feeder Co., Dept. 130 Cedar Falls, Ia.
Send me free literature describing your trial offer of Monarch 4 in 1 Corn Tester selling for $3.95 and showing how it will increase my corn profits.
Name .....
R. F. D. .....
P. O. .....
State .....

Monarch Self Feeder Co., Dept. 130 Cedar Falls, Ia.
Send me free literature describing your trial offer of Morecorn Corn Sorter and showing how it will increase my corn profits.
Name .....
R. F. D. .....
P. O. .....
State .....

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING TO ADVERTISERS"

YOU NEED NO MONEY. We Trust You with Our Goods. **MAGNIFICENTLY DECORATED FULL-SIZE DINNER SET FREE** WE PREPAY FREIGHT On Premiums, Baking Powder, etc.





This is the greatest, most gigantic and most liberal of all offers ever made. To gain a wider distribution for our *strictly pure*, high-grade groceries and family supplies, we now offer absolutely FREE, a handsome, artistically floral decorated, full size,

54-Piece DECORATED DINNER SET for sale of ONLY 12 CANS

BELLE BAKING POWDER. ***With each pound Baking Powder you may give a Cut Glass Pattern Pitcher*** and ***Six Glasses,*** FREE, as per plan 401. Quality as well as Quantity is in this great offer. OUR PLANS SELL AT SIGHT. Many other Tea, Coffee, Soap and Grocery offers equally as cheap in price. If preferred, you can have choice of hundreds of other useful premiums, such as ***Toilet Sets, Furniture, Linen Sets, Graniteware, Lamps, Etc.,*** or we will pay a large cash commission. We don't try to sell YOU anything, we want you to distribute our goods which must be sold to the user direct. **NO MONEY IS NEEDED.**



WE PREPAY FREIGHT on everything to your nearest Railroad Station, allowing plenty of time to examine and deliver before paying us. ***Write at once for FREE SAMPLE OUTFIT*** and other things. If after receiving them, you decide not to get up an order, you may keep everything we send you FREE of charge for the trouble in answering this advertisement. **WE GIVE ELEGANT PRESENTS FOR APPOINTING ONE OR MORE AGENTS TO WORK FOR US.** Remember, the Special Premium and Sample Outfit are both absolutely free. **NO LICENSE NEEDED. WRITE TODAY.**

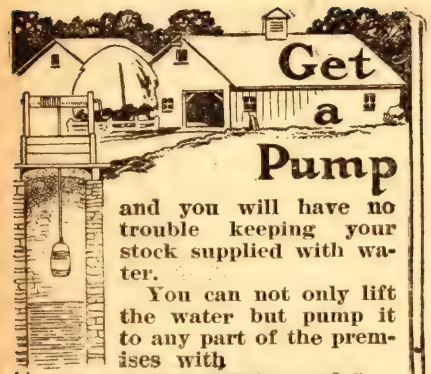


Special FREE Present
We give a **15-Pc. Decorated Bavarian Artware Set,** or **Granite Kitchen Set,** or **10-Pc. Toilet Set,** *free* of all cost or work of any kind. Simply send us your name and ask for this **FREE Present.**

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☞ We can safely recommend The Pure Food Co. as being a thoroughly reliable and responsible firm.—EDITOR.



Get a Pump

and you will have no trouble keeping your stock supplied with water.

You can not only lift the water but pump it to any part of the premises with

GOULDS RELIABLE PUMPS

They are the most dependable, easiest working and longest service pumps you can buy.

Write for our free booklet "*Water Supply for the Home.*" It contains many valuable suggestions on pumps and pumping.

GOULDS MFG. COMPANY
95 W. Fall St., Seneca Falls, N.Y.

ENCOURAGE THE BOYS

Boys want encouragement—if they don't get it at home they go elsewhere. Teach them to earn their own spending money. Growing vegetables is instructive, interesting, profitable when

IRON AGE Farm and Garden Tools

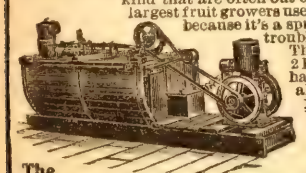
are used. Our No. 6 Combined Hill and Drill Seeder with Marker and Double and Single Wheel Hoe is a wonderful tool—can be used in various unusual combinations. Saves time, labor and seed. Price, $12. Other garden tools, $2.50 up. Easy to operate. Recommended by gardeners everywhere. Write to-day for 75th Anniversary Catalog—Free.

BATEMAN M'F'G CO.
Box 65-B
Grenloch, N. J.

75 YEARS IN BUSINESS

You Can Depend on These Sprayers

Don't waste your money on uncertain sprayers—the kind that are often out of order. The largest fruit growers use the "Hardie" because it's a sprayer with the trouble left out.



This Hardie No. 2 Power Sprayer has 150 gal. tank, all brass pump, 1½ h. p. engine. Weight 750 lbs. Price $180.00.

The Hardie Sprayers are made in 25 different sizes and styles; prices $3.50 to $350. Our catalogue describes these sprayers, and shows you the best way to spray. It's free. Send for a copy.

THE HARDIE MFG. CO.
942 Mechanic St., Hudson, Mich.
also 49 No. Front St., Portland, Ore.



Hand Outfit

48 Million Shortage

Government statistics show there were 48,000,000 bushels less of potatoes grown in the United States last year than in 1909. This with increasing population must necessarily make a larger demand for potatoes in 1911. No crop as a

Money Maker

equals it, and the information showing how to grow for profit will be mailed **absolutely free** to any one asking for it. Our president has devoted over fifty years to the study of potato culture and the manufacture of machinery for handling the crop in all stages.

ASPINWALL MANUFACTURING CO.
427 Sabin Street, Jackson, Michigan, U. S. A.
World's Oldest and Largest Makers of Potato Machinery.

HURST SPRAYER ON FREE TRIAL

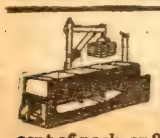
No money in advance—pay us out of extra profit. Sprays anything—trees, potatoes, vineyards, truck, etc. Pushes easy—high pressure. Guaranteed 5 years. Pay when you can—at wholesale price. We pay freight. Catalog and Spraying Guide free.

Free Sprayer Offer to first in your locality.

H. L. HURST MFG. CO., 608 431 NORTH STREET, CANTON, O.

AS POTATO SPRAYER—AS ORCHARD SPRAY

STRAWBERRY PLANTS $1 Per [illegible] and up. Catalogue free. ALLEN BROTHERS, Paw Paw, Mich.



CANNING FACTORIES FOR SALE

For Farms, Large Communities or Towns. 15 sizes. Prices $85 to $850. Capacities as high as 9,000 cans tomatoes or 20,000 cans fruits in 10 hours. TERMS: A per cent of pack, or 2 or 3 yearly payments, or for cash. Write for Booklet. THOS. M. BROWN, Springfield, Mo.

GARDEN and ORCHARD

SAMUEL ARMSTRONG HAMILTON, Editor

The editor of this department will answer inquiries by mail if a stamped envelope be enclosed, and desires all to write him freely. This is your department; use it. Horticultural books and pamphlets will be reviewed if sent in. If you desire to know where any seed, plant, or implement can be had, write me. If obtainable, I will tell you.

WHAT ARE YOUR PROSPECTS?

This question is as vital **to us** as **to you.** A prosperous year on the farm means prosperity for the Nation at large, and a **farm paper depends** more than anything else **on the farmers'** prosperity. If you read UP-TO-DATE FARMING, and follow its precepts, you are sure to prosper. ALSO HELP YOUR FRIENDS BY SENDING IN THEIR SUBSCRIPTION at 30 cents each, or five years for only $1.00. **A prosperous New Year for all.**

SAMUEL ARMSTRONG HAMILTON, Garden Editor.

A TALK ON SEEDS

I am going to talk to my garden family in this issue, principally on the subject of seeds. It is a large subject, and it would take several papers the size of this one to say it all, but I will try to cover the salient points of the subject, as I want to remove from the minds of my readers some wrong impressions which my correspondence shows me exists.

Those of my readers who are upwards of fifty years of age can recall the fact that forty years ago ,"Grandma," who might, or not, hold that relationship to you, or be the holder of such a neighborhood "courtesy title," was the principal "seedman" of the countryside, especially on the farms and in the smaller towns. She was the authority on the subject, and traded and sold seeds of the common garden vegetables, and flowers. Also, it was the custom at that time for most farmers and gardeners to save their own seeds, without regard to the quality, or otherwise, of the plants from which saved. The doctrine of "selection" and the "hybrid" were then little known, and not at all appreciated, with the result that the seeds sown in any particular season may have been progenitors of individuals worse than their forebears.

It was here that the necessity for the professional seedsman was demonstrated. In order to have good flowers and vegetables, the seed had to be of the best, and to obtain that end it required specialization which was not possible to the hardworking farmer, who had neither the time nor the means at hand to go into the breeding up, or hybridization, of plants, so as to produce seeds uniformly better than the plants from which they sprang.

The work of building up the seed business was slow at first, as methods were crude, and not well understood; but, the foremost and more intelligent of the seedsmen adapted methods to the processes indicated as being necessary, and, in a few years there was the germ of the to-day great industry of seed growing, and seed selling—for they are separate industries, in the main.

For years there tagged along behind the first-class seedsmen a class of men who called themselves "seedsmen," who did not observe any of the principles, or ethics, of the profession; neither did they care a fig as to the quality of the seeds which they sold, under high-sounding names, to a confiding public, and this had a tendency to re-act upon the business for a number of years, but the force of public opinion, supplemented by several suits for damages, finally drove these pirates of the seed trade from the field, and to-day, it may be said that there are few people regularly engaged in the seed trade, who advertise in papers and magazines of geneal circulation, who can not be depended upon to do all they promise.

I venture to say that to-day there is less irregularity in the seed business, than in any other business of similar magnitude, excepting the one department of field seeds, in which there is room for great improvement on the part of the growers. But happily, we are promised a law which will make it a crime to sell anything excepting for just what it is, and when that time comes, alfalfa, and clover, seeds, with the seeds of all kinds of noxious weeds among them, will, when sold in inter-state trade, have to be labeled with the names of all the seeds which the bags, or packets, contain, under penalty of imprisonment—weeds and all. This will bring the field-seed pirates to book, and the farmer will get his due.

However, there are firms to-day which will guarantee their field seeds. You will find their advertisements in this paper. When they sell you alfalfa seed, that is what it will be when you get it. However, I have often thought that the farmers were to a great extent responsible for the poor seeds which, for years have afflicted the market, by their craze for "cheap" seeds, something which never can be synonmous with "good" seeds.

I have been intimate with leading seedsmen for the past twenty years; have visited, and inspected their trial-grounds, and seed crops; their methods of safe-guarding their customers' interests, from the time the seed crops are through the ground, until they are safely harvested and packed away in their seedbins, and I know that there is a minimum below which no seedsman can go, and guarantee his seeds. All the things which a seedsman does to insure that his seeds are pure, highly germinative, and high-bred, cost a lot of good money, and it must be paid for by those who are benefited thereby—in this case the consumer.

This being the case, do not expect to get first-class seeds for less than the standard price, but, in the interest of your fellows, insist that the seedsman who serves you gives the service for which you pay. This insures satisfaction on both sides. Keep it strongly in mind that it is to the interest of the seedsman to please his customers so well that they will remain his customers always, if possible. His list of satisfied, regular cus-

16 CENT SEED SALE



10,000 KERNELS OF Selected FERTILE SEEDS for 16c

1500 Lettuce	1000 Celery
1000 Onion	100 Parsley
1000 Radish	1500 Rutabaga
100 Tomato	1000 Carrot
1500 Turnip	100 Melon

1200 Brilliant Flower Seeds, 50 sorts

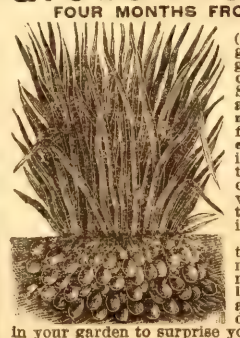
Any one of these packages is worth the price we ask for the whole 10,000 kernels to start with. It is merely our way of letting you test our seed—proving to you how mighty good they are.

Send 16 cents in stamps to-day and we will send you this great collection of seeds by return mail. We'll also mail you absolutely free our great catalog for 1911—all postpaid.

JOHN A. SALZER SEED CO.,
116 South 8th Street, LaCrosse, Wis.

Crows From Seed

FOUR MONTHS FROM PLANTING



A few Ground Almonds (Chufa) growing in your garden this year will give you a great deal of pleasure. Plant in Spring and you will get a crop in about four months. The nut is of fine flavor, resembling the cocoanut or almond; meat is snow white; shell thin, and great producer. One nut planted will produce from 100 to 200 nuts. Will grow in any soil or location.

To get new customers to test our seeds we will mail 50 Ground Almond nuts and 1911 Seed Catalogue with 10c. Due Bill, all for 10 cents. Send to-day and have something in your garden to surprise your neighbors.

MILLS SEED CO., Box 600, Washington, Iowa.

10,000 SEEDS 10c.

We want you to try our Prize Seeds this year and have selected 50 best varieties and put up 10,000 seeds especially to grow Prize Vegetables and Flowers. They will produce more than $25. worth of Vegetables and 10 bushels of Flowers.

800 Seeds	Cabbage	3 Best Varieties	3 pkts.	
2,600 "	Lettuce	4 "	"	4 "
800 "	Onion	2 "	"	2 "
1,000 "	Radish	4 "	"	4 "
300 "	Tomato	3 "	"	3 "
2,000 "	Turnip	4 "	"	4 "
2,500 "	Flowers	30 Grand Flowering Varieties		

In all 10,000 Seeds, and our new Seed Book with a 10c Credit Check good for 10c selection, postpaid, 10c.
FAIRVIEW SEED FARMS, Box 122, Syracuse, N. Y.

SEEDS

Our Choice Iowa Seeds are backed by a reputation of 48 years. Largest establishment in the West. 8500 acres in seed growing. 14 departments in charge of experts. All the best novelties, standard varieties of Garden and Farm Seeds, Plants, Bulbs, Nursery Stock, Poultry Supplies, etc. Ask for a copy of our large, handsomely illustrated catalogue.

Iowa Seed Co., Dept. 71 *Des Moines, Iowa*

SEEDS. Fresh and Reliable, none better. Have stood the test for over 30 years. We offer a full line of garden, field and flower seeds. Send for a copy of

"COLE'S GARDEN ANNUAL"

In which you will find all the good things in seeds at low prices.
COLE'S SEED STORE, Pella, Iowa.

PRATT'S "SCALECIDE"

Will positively destroy SAN JOSE SCALE and all soft bodied sucking insects without injury to the tree. Simple, more effective and cheaper than Lime Sulphur. Not an experiment. One gallon makes 16 to 20 gallons spray by simply adding water.

Send for Booklet, "Orchard Insurance."

B. G. PRATT CO., 50 CHURCH ST., NEW YORK CITY.



Hardy "Blizzard Belt" Giant Strawberry Plants FREE

Everybody likes fine strawberries, and to prove that our new GIANT variety is the largest and strongest grower, as well as the heaviest fruiter, we offer to send you TWO PLANTS (worth 30 cents) absolutely FREE. We have picked 12 quarts of fine berries from a test bed grown from but two GIANT plants set the year before. You can do as well, and at the same time raise young plants for a new bed. If you care to send 10 cents for mailing expense, we will add 6 BABY EVERGREENS 2 years old, and send all to you at proper planting time in the spring. It will pay you to get acquainted with our "HARDY BLIZZARD BELT" Trees and Plants. Write to-day and we will reserve the plants for you and send you our catalog by next mail. Address

THE GARDNER NURSERY CO., Box 328, Osage, Iowa



Peach Trees

800,000 Peaches 5 to 7 feet 9c.; 4 to 5 ft. 8c.; 3 to 4 ft. 6c.; 2 to 3 ft. 4c.; 2 to 3 ft. light 3c. 200,000 Apples, 50,000 Pears, 50,000 Plums, 100,000 Cherry, 300,000 Carolina Poplar, and millions of Grape and Small Fruits. Secure varieties now pay in Spring. Buy from the man who has the goods and save disappointment. Catalogue Free to everybody. Write for it today.

Sheerin's Wholesale Nurseries, Dansville, N. Y

SPRAY NOW and kill the dreaded SAN JOSE SCALE

Fall spraying is more effective than spring. Do not fatten the scale for spring killing. It is easier to kill now. Apply after trees have dropped their foriage. Any pleasant day during the winter when water will not freeze, will do. One gallon can of SCALECIDE will make 20 gallons of spraying solution. It is cheap. It is effective. No fruit grower can afford to do without it.

PRICE Single gallon $1.00; 5 gallon jacketed can $3.25; 10 gallon jacketed can $6.00; 50 gallon bbl. $25.00. Circulars and full information free. Send orders direct to

O. K. SEED STORE, Opposite State Capitol, Indianapolis, Ind.

tomers is the best asset a seedsman has, for the winning of steady, paying, large-order customers is the most costly thing in the seed business, and he aims, from year to year, to make his list of new, and good old things, so attractive, that they will stay with him.

In view of these facts, you are certainly as safe in ordering seeds from the catalogue of a reliable seedsman, as from that of any of the ten-million-dollar mail-order houses, and you should, **all of you,** order an assortment of the novelties which your seedsman is introducing, each year. He is not doing it for his health. No; he spends thousands of dollars in order to improve the breeds of vegetables and flowers in order that his customers may have the latest thing of approved value, in each of these departments of gardening. He ransacks the whole earth for the new, the curious, the attractive, and the improved, in order that the science of agriculture, and horticulture may keep pace with the advancing times in other departments of endeavor.

This being the case, when you plant the new things, do it with the intention to make your garden or farm a **local experiment station,** as far as these novelties are concerned. If there is any one act on your part which the seedsman would appreciate, it is the serious, careful, cultivation of his novelties, and the giving to him, at the end of the season, of **a report of their performance in your garden, or farm.** Try it once, and see how generously he will reciprocate. It is the very thing he desires most. He knows how they have acted on the seed farm, which may be a thousand miles or more away; and he has tested them on his trial-grounds, but how they act in the hands of the every-day farmer and gardner, under average conditions, is of still more value to him, especially if he gets these reports from every section of the country.

My remarks are intended very largely for the large number of people who every year for the first time embark upon farming or gardening. It is said that each year there are 400,000 new agriculturists taking up the work of the farm for the first time and there are sure to be a large number of these who are readers of thispaper. If you have not selected your seedsman, you can be sure that all who advertise in this paper are reliable, else their advertisement would not appear herein from year to year. And, conversely, you may know that this is a pretty reliable paper or their advertisements would not be offered to it. A reliable seedsman likes to get his sign displayed in a reliable paper.

In order that there may be mutual advantage between the seedsman and the publisher of this paper, when you write for a catalogue, or send an order for seeds, say that you saw the advertisement in this paper, and SAY IT EVERY TIME YOU WRITE HIM.

I presume that most of my readers have gotten their seed catalogues, especially the older ones. Look over them carefully. It is an education for anyone interested in the farm or garden to read every word in a high-grade seed catalogue. It is sure to be more up-to-date than any garden-book on the market, unless it was published last week, by an enterprising firm, and written by a wide-awake author. It is the best place in which to familiarize yourself with the common and botanical names of the various flowers, as they are more easily remembered when accompanied by the pictures as is the case in the seed catalogue.

It is the best bulletin of what is latest in agricultural and horticultural advancement as concerns the improvement of the breeds of flowers and vegetables and the introduction of new ones. In the directions for the cultivation of certain flowers and vegetables you get the latest wrinkles dug out by the scientists in the trial-grounds and the experiment stations, all tabulated, collated, and placed next to the plant under discussion. It keeps you posted as to the appearances of little known plant, so that you are familiar with them when seen occa-

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A Bigger Money Maker You will Never Find.



These illustrations show the mop on the floor and also when it is wrung up. On the floor it spreads out and is held down firmly at all points. When lifted it straightens out automatically for wringing, and two turns of crank takes out every drop of water. Mopping is now a pleasure and the floor is cleaned 100 percent better in half the time.

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This paper never decieved its subscribers nor ever gave them bad advice

20,000

Friends of this paper send 5 new subscribers each will make our circulation (including present subscribers) a quarter of a million, and every subscriber would realize such an advance on all his crops as to make it pay him a thousand per cent. on the investment. TRY IT.

-All Steel -Triple Power



Pull Your Stumps Free for 30 Days at Our Risk

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TRY a Hercules right on your own land at our risk. If it isn't just the stump puller you want, or if it fails to do all that we claim, send it back. We pay the return freight. If you keep it we guarantee every casting on it for three full years against breakage, from any cause whatever. It is impossible to put a Hercules to too great a strain. We prove this by agreeing to replace free any broken castings at any time within three years from the date of your purchase. That is our flat guarantee to you. No strings. We know what the only genuine steel pullers will do and we are not afraid to back them up. Of course this does not limit the life of the Hercules to three years. It proves our confidence in the only genuine all-steel puller made, and in the superior workmanship that goes into every Hercules Genuine Steel Puller that leaves our factory. There is no reason why these pullers won't last a lifetime.

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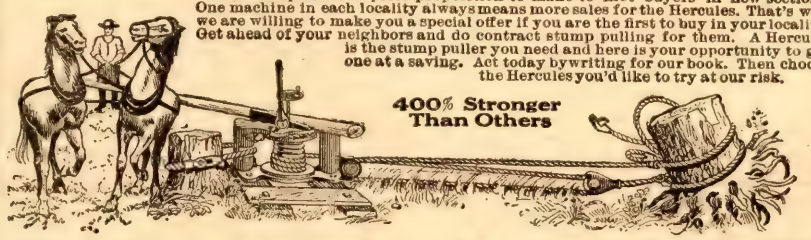
There is no more excuse for stumpy fields. We want you to try a Hercules All-Steel Triple-Power Stump Puller for 30 days Free, so that you can prove to yourself how easy and how sure and economical it pulls the largest stumps as well as the small ones, green trees and hedge rows.

DON'T risk dynamite. Dynamite is costly and inefficient. Dynamite shatters the roots. Hercules pulls them out. Dynamite leaves the roots in the ground to grow again, so you are worse off than you were before. Pull the stumps out and get rid of them once for all. Besides dynamite is dangerous. Why take chances?

You may have had trouble with the old style cast iron grubbers breaking, but the New Hercules Genuine Steel Triple Power pullers are in a class by themselves, entirely different from anything you ever saw before. They are 60% lighter in weight which makes them handy, quick, easy to handle, nothing like the heavy, cumbersome, unwieldy, cast iron grubbers you have been used to. They are 400% stronger than the old fashioned iron machines, which make them absolutely safe under all conditions. That's why we can let you try them on your land for 30 days at our risk.

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We have a special low-price proposition to make to first buyers in new sections. One machine in each locality always means more sales for the Hercules. That's why we are willing to make you a special offer if you are the first to buy in your locality. Get ahead of your neighbors and do contract stump pulling for them. A Hercules is the stump puller you need and here is your opportunity to get one at a saving. Act today by writing for our book. Then choose the Hercules you'd like to try at our risk.



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They show the relative strength per square inch of different metals that can be used in building stump pullers. They prove that iron is the poorest and steel the best metal from which a Stump Puller can be made, that iron Stump Pullers must be large and heavy to get the strength. They show why the Hercules genuine all-steel pullers can weigh half as much as the iron pullers and at the same time be 400 per cent stronger.

Cast Iron	16000 lbs.
Copper	19000 lbs.
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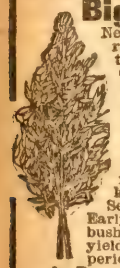
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New Seed Oats. Big money in oats if you raise the right kind. Here's your chance to get them. Imported Canadian Seed Oats for sale; extra fine. Send for free sample. It speaks for itself. This same oats we sold last year in the United States and proved their merit and our statement that the farmers need a change of seed in this country. We make a specialty of growing extra fine seed oats on our big Canadian farm; new, clean land; no weeds. Have best known varieties. Regenerated Swedish Select went 116 bushels to acre this year; Early New Market, Canada's favorite, 110 bushels to acre. Both of these are big, early yielders. We absolutely know from experience it will pay you to get a change of seed. Try some of these oats. The average oats are inbred and run out. Canadian Government Grain Inspector graded this grain No. 1 White. Have stiff straw, white berry, thin husk, enormous yielder. It is as easy to put in and harvest a big crop as a small one. The reason your oat crop is not bigger is because your seed is run out. This has been proven. Look at this cut. Taken from photograph of two stalks from Galloway Brothers' field, over 200 kernels to the stalk. Write early for free sample, or, send ten cents each for packet of one or both kinds. Will also send you free booklet entitled "Big Money in Oats and How to Grow Them," by Galloway Bros. and Prof. M. L. Bowman, former professor of farm crops Iowa Agricultural College. Information in this book is priceless. Get it free. Resolve to start a seed patch on your high-priced land this year. The book tells you how.

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Apple 4c, Peach 6c, Plum 15c, Cherry 12c. Best quality, large bearers, grafted stock, not seedlings. Concord Grapes, $2.50 per 100. Forest Tree Seedlings $1.25 per 1000 We pay freight.

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Mine are true to name. Write for Free booklet which tells all about the 150 acres I am growing for telephone poles.

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Peach trees, fine at $4.00 per hundred. Apple 10c, cherry 8c; all kinds of trees, and berry plants cheap. Catalog free. Ernst Nurseries, Moscow, O., Box 11.

PEACH trees, 2c, and up. Largest peach nursery in the world. No agents, sell direct to planters, stock true to name. Lowest Prices. Free Catalog. **Fletcher & Harrison, Cleveland, Tenn.**

EVERGREENS 2-3 ft. $12 per 100 and 64 Fruit Trees 4-5 ft., 324 Berry bushes and plants for $16. Write for catalogue.

West Side Nursery, B 6, Postville, Iowa

sionally. I could fill a page with the advantages to be obtained from a close study of such seed catalogues, but they are so apparent that I am sure that you will see them all.

As I have written before, the EQUITY farmers and gardeners, as well as others in a neighborhood, should band together and order their seeds in clubs. The seedmen appreciate these club orders, and give special club rates, which make quite a difference in a large order from each individual member. Where there is a local union, the secretary is the one to order. Have them sent by express and there is usually enough extras put in to pay the amount of the expressage. When we get the **long-waited-for-parcels-post** (which we should have had twenty years ago) the distribution of improved seeds and the commerce in standard sorts will be given a great impetus to the great welfare of agriculture and horticulture. You should write your congressman a positive letter urging him to support the parcels-post bill which will be introduced in the next congress, unless he is one of the few considerate representatives who are already supporting it.

In conclusion, let me urge you to buy **good seeds, pay a fair price** for them. Plant them under favorable conditions and cultivate them according to the instructions which have, and will again, appear in this DEPARTMENT, and your season's success is largely assured. Good seeds have a greater influence on a crop than any thing else, as without good seeds, to start with, no amount of fertilizer or careful cultivation can compel a good crop.

The Unenlightened Farmer

(By Lincoln Rappleye).

Behold the busy farmer man
So glad to toil each day,
To fill his barn clear to the peak
With strictly first class hay.

This hay he knows is number one,
And ought to bring the "dough,"
But the confounded buyers say
That "hay is awful low."

So this poor farmer sells his hay
To this old blatherskite,
And only gets a fraction of
What would be just and right.

He has a dandy crop of oats
The heads are full and long,
A thousand bushels, more or less—
But they go for a song.

His barley was not stained at all,
He has a monstrous yield,
It simply looked perfection
In his 20 acre field.

But the buyer said 'twas very low,
It hardly paid to buy—
And as he fooled the farmer man
He heaved a long drawn sigh.

And so it was with everything
That this poor farmer had,
No wonder that he wore a look
Which made him seem so sad.

He worked so hard from morn till night,
From rise to set of sun,
And never took a day off
When work was to be done.

I'll tell you now the reason
Why he could not get along,
Why his voice was never cheery,
Never broke out in a song.

He never saw an "UP-TO-DATE,"
The paper of the day,
And never heard the cheering things
It always has to say.

This paper always tells it all,
The how, the when, the where,
And sees to it, you may be sure
That all are treated fair.

If you have a neighbor friend
Whom you would serve right well,
Why, do not lose a moment, till
You of this paper tell.

And so help a brother farmer,
Help him as you should,
And by doing this great kindness
Help the great brotherhood.

If you want to save money on your purchase of fence write Kitselman Brothers, Box 289, Muncie, Ind., for their free Catalogue. They are selling fence direct to the farmer on 30 days' free trial for 13 1-4 cents a rod up. See their ad in this issue.

Ladies, if you want beautiful, useful premiums write to the Pure Food Co., 325 W. Pearl St., Cincinnati, O. Just now they are giving a large full sized dinner set. Surely every lady reader of UP-TO-DATE FARMING can find good use for this handsome set. Write for particulars to the company. Send a postal card now.

HANDY GARDEN TOOL



Here's a practical tool for the farmer or gardener—our No. 6 Combined Double and Single Wheel Hoe, Hill and Drill Seeder. Four tools for the price of one. It plants in hills or continuous rows, covers the seed, rolls the soil, marks the next row, hoes, weeds and cultivates. Simple, easy to operate, and does a day's work in 60 minutes.

IRON AGE Farm and Garden Tools

For 75 years we have made dependable tools of quality for the farmer, trucker and town gardeners. We make 33 garden tools at $2.50 to $12.00 each.

Write to-day for Anniversary Catalog describing our entire line including potato planters, cultivators, sprayers, diggers, orchard and other tools.

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I don't care who you are or where you live—men—women—boys—girls—I want you to work for me and I will pay you big.

If you can give all your time to my work you can earn up to $175.00 or more a month.

My work is High Class—Clean and Pleasant. You can do it in your spare time. I start you. No capital needed.

Be your own Boss—fix your own hours. How nice to have plenty of money! How much shall I pay you?

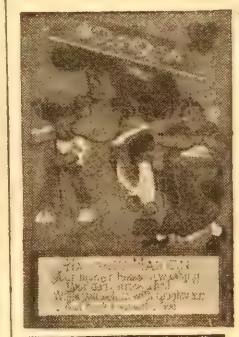
You can earn $21.00 to $175.00 a month by working for me one hour or more a day.

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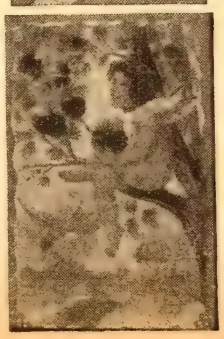




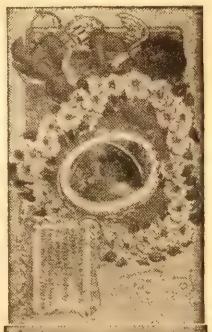




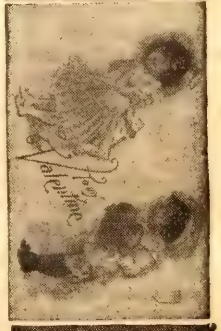


















There is hardly a family in the country that will not want some beautiful, sentimental, or comic Valentine Post Cards to send to friends to remind them of affection or love; or their peculiarities or frailities. I want to supply them. My cards are the most beautiful, or the most comical and the most appropriate that can be obtained.

Of the beautiful sentimental cards I have the following:

Cupids Messenger, No. 1, 12 cards; Landscapes, No. 4, 6 cards; Lovers Messages, 12 cards; Nations Messages, 6 cards; Flowers, No. 4, 6 cards; Hearts and Ribbons, No. 2, 12 cards; Flowers, No. 3, 6 cards; Butterfly, 6 cards; Cupid's Pranks, No. 1, 6 cards; Cameo, No. 1, 12 cards and Playing Cards, 12 cards.

In the Comic's I have the following: The Shiftless Man, Close Fist, The Masher, D—Fool, Lovesick Girl, Boss of the House, Saleslady, The Fat Man, Fisherman, Cornet Player, The Bow Legs, Wife Beater, Henpecked Husband, Proud Father, Miser, Hypocrite, Talking Machine Crank, Cigarette Fiend, Tobacco Chewer, Jealous Man, The Crook, Drunkard and The Dude.

The illustrations will help you slightly to judge of the beautiful designs, but they give no hint of the wonderful color effects obtained in my sentimental cards by 12 printings and embossing. I will just say that my Valentine Cards are of the same high grade, in artistic arrangement and printing as my other cards which have gone to nearly all subscribers.

The Comics is an unsurpassed collection. Just the thing to furnish a lot of fun. Each card is a "Peach." They are gaudily colored and unsurpassed to portray the different types of men and women, in pictures and verse.

MY OFFER Send 30 cents and I will send you Up-to-Date Farming one year and your choice of 25 Valentine post cards. Or send 50 cents for two years, or two subscribers for one year and I will send 50 Valentine cards. Selections may be made by sets, or just order an assortment. I guarantee satisfaction or the cards may be returned and exchanged for others. Subscriptions may be new or renewal.

Please use the coupon.

J. A. EVERITT, Editor Up-to-Date Farming.

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J. A. EVERITT, Editor,
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—not a year from now, when land will be higher. The profits secured from the **abundant crops of Wheat, Oats and Barley,** as well as cattle raising, are causing a steady advance in price. Government returns show that the **number of settlers in Western Canada from the U. S. was 60 per cent larger in 1910 than the previous year.**



Many farmers have paid for their land out of the proceeds of one crop. Free Homesteads of 160 acres and pre-emptions of 160 acres at $3.00 an acre. Splendid climate, good schools, excellent railway facilities, low freight rates; wood, water and lumber easily obtained.

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AS LOW AS $15 PER ACRE. Abundant rainfall, rich soil, mild winters, nearby eastern markets. Write for illustrated booklet "COUNTRY LIFE IN VIRGINIA," (100 pages,) and low excursion rates. Address,
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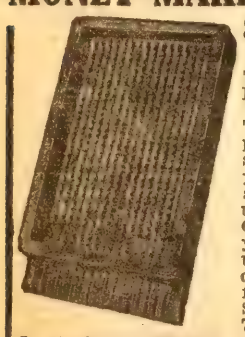
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75c buys a patent PLANTER SEED CORN GRADER. The increased yield per acre pays for it several times in a year. How many acres have you? Figure what one of these Graders means to you. Any boy can use it. Will grade corn perfectly. Every farmer needs one. Special price: Only 75c. Send to-day.

O. K. SEED STORE, Indianapolis, Ind.

After Fifteen Years

By D. Muir

THE man who stood hesitating on the threshold of the house in Clarence avenue looked to the full his forty-five years. He wore a brown beard streaked with gray, and around his eyes lay the network of fine lines so common in those who lead a strenuous life in the open.

Edward Dunbar was a strong man, a man who hardly knew what fear was, yet at the moment his knees were trembling, and the beating of his heart seemed to him to drown the roar of distant traffic.

Truly he had some cause for emotion. Katie Elwynne had remained true to him for fifteen years. He had spent the long interval, cattle farming in New Zealand, amassing slowly and painfully the small fortune which was to enable them to marry and settle down in London. Katie had continued her profession of nursing.

But the separation was over at last. Edward had arrived in London less than an hour ago, and now he was actually on the doorstep of Katie's house in Kensington.

Timidly he rang the bell.

It was some minutes before his summons was answered.

The door opened so quietly that he heard no sound. He merely had an instinctive feeling that someone was near him. He swung around, and looked—not into Katie's eyes, but into those of a frail-looking, silver-haired lady clad in a lavender teagown.

Edward could not, at first, find words to explain his errand. Surprise and disappointment that it was not Katie after all were mingled with keen pleasure in the delightful picture the little lady made.

He managed to stammer at last:

"I'm afraid I have made—that there is some mistake. I thought Miss Elwynne lived here."

The little lady smiled, and her smile moved him strangely. It made him feel suddenly young again.

"There is no mistake," she said, "Miss Elwynne—your Miss Elwynne—is away from home. If you'll come in I will explain. I am her aunt, and my name is also Elwynne. I have been keeping house for Katie for some time."

Katie away from home! This was the day they had talked of in each letter; the day which had never been out of their minds for fifteen years, and now that it had come Katie was not here.

Edward Dunbar was conscious of a keen spasm of anger. Dunbar followed her into the tiny drawing room.

His hostess bade him sit down before the fire while she prepared the tea in Katie's delicate eggshell china cups.

"Running away! Katie has run away from me. Please tell me everything," he said. "Katie was grown tired of waiting for me. She has seen someone she likes better—a younger man?"

"Ah, no!" said Miss Elwynne sharply. "Not that! You must sit down again while I try to tell you."

Edward obeyed her, but with a sigh of impatience.

"You see, Katie has always been so sensitive. Fifteen years are more to a woman than to a man. She can less afford to lose them. Katie, too, has worked very hard. You know what a nurse's life is? She wants you to understand that you are not coming back to the lighthearted girl you left—"

"As if I wanted to!" Edward broke in. "Miss Elwynne, you must make her understand. You must write to her at once; or, better still, give me her address, and I will follow her."

Despite his eagerness to regain his bride, however, Edward Dunbar found himself still in the chair before the cosy fire when darkness fell, some hours later.

He formed the habit of coming to the house every afternoon—for news of Katie.

The first interruption came one afternoon in the shape of a telegram for Miss Elwynne. She seemed a little flurried as she came back from the front door with the orange envelope in her hand.

"I have had a message from a friend who is seriously ill. She wants me to go to her at once. I'm afraid I may have to stay some days. Perhaps we had better let Katie know. In any case, I must leave you now, as there is no time to lose."

She must have seen her companion's regretful glance towards the two empty chairs at the fire.

"Why not remain here a little longer, and have a look at my books!" she suggested. "You can close the front door when you go. It is selk-locking. I shall take the keys with me. I may be able to return tonight, possibly not for a day or two."

With one of her curiously meaning smiles she was gone.

Edward settled himself gratefully in one of the keep chairs, not sorry to accept the hospitality offered. He saw that this was an opportunity for fulfilling a task which had been looming before him for some days. It was time, he told himself, to review his position.

Did he or did he not desire to meet Katie now? Was he as anxious to marry her as he had been on the day of his home-coming? He had been acutely conscious during these restful hours in her drawing room of the gulf of fifteen years ago and the Edward Dunbar of today. Would he, he wondered, be able to "live up to" Katie?

He must have slept for some hours.

When he awoke the room was quite dark. Only a few red cinders still glowed in the grate.

He rose, and found that his limbs were stiff.

There was a sudden sound in the hall. Surely a door had opened and closed again. Then he saw that the light had been turned on outside the room.

"Oh!" she gasped, "I never thought you would still be——"

She stopped, and drew in her breath sharply.

"Katie!"

He drew her into the room and switched on the lights.

"Katie, tell me what it all means? Who are you? Who is the little lady I have been calling your aunt?"

The woman smiled at him, and then in a flash he knew. There was no Miss Elwynne senior. It had been Katie all the time. But Katie with white hair. Katie with wrinkles?

He looked so bewildered that Katie laughed outright; but when she spoke, her voice, though no longer the lisping, subdued voice of her supposed aunt, was a little uncertain.

"Are you going to forgive me, Edward, for the trick I've played on you? Oh, I have been so afraid! It was a shameless thing to do, and yet—Dearest, don't you think it has been worth while for both of us?"

Edward came close to her, and took her hands in his.

"I haven't a notion why you did it, but it has been worth while, as you say. It has given you to me, and I have gained a new friend into the bargain, though why you thought it necessary to play the part of an old woman. —"

"Don't you see, dear? It was not only that I wanted you to realize how much I've changed already. I want you to look ahead. In a few years I shall really be the white-haired lady whose acquaintance you have made. My wig and my penciled wrinkles (don't you think I put them on cleverly?), won't be necessary then. You don't know. I've never told you of the hard work I've gone through. I shall be old before my time, and I could not bear the thought of our marriage unless you understood what must come in the near future. And so you see, I tried to make you love the old lady just a little, for herself, and not for the sake of the girl you once knew."—Journal of Agriculture.

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THOUGHTS THAT COME

BETWEEN THE DATES

By John P. Stelle

WE now write it 1911. A few of our readers began writing it 1850. Possibly a very few wrote it 1840. A greater number wrote it 1860. A still larger number learned to write it 1870; and 1880; and 1890. Then came the great change to 1900. And now it is 1911! How long it seems to those of us who first learned to write the date with a 1, an 8 and a 4, and then some other unit; and how important we thought we were when we changed the 4 to a 5. We then began to climb, oh, so slowly, that strange ladder each step of which required a year! How we wondered what it all meant.

But the sun rose and set, and the earth pursued its steady course along the path of its orbit. Some days were bright and some were dark. Hope blossomed and gave out its sweet fragrance during some of the years, but dark shadows, grief, almost despair, came to us during others. Sometimes dear friends gathered around us, and by their sweet ministrations, wove a halo of gladness about our lives. Of these dear friends love may have chosen one to stay with us and share whatever the years might bring.

But death came with the years also; death, the inconsiderate and undiscriminating. How often his cold hand has laid on the heart dearest to us, the one that could best aid us in trying hours, and most effectually wipe our tears away. And within those dates we learned to write, year after year, how many are gone. Almost all we early knew and loved.

Gone! Different voices greet us with happy wishes now. Different eyes sparkle as they feel our joys and weep over our sorrows.

But what of us? Of you and me? The Book tells us "One shall be taken and another left." Why were we left? What have we done between the dates to earn the prolongation of our years? Can we write a sorrow for something we did and a regret for something we did not? But the years we have ceased to write are gone. What we did we did, and what we left undone is undone forever. How much remains we do not know. How many dates we shall yet learn to write we can not tell.

But of the future? A few who read these lines will never write 1912. We can not know how many will write 1920, or 1930. Some may write 1950, and a few 1975 or 1980. The book is sealed and none may open it. It is only 1911 that we know. It is ours; we have already written it. But we may cease before the year is done. What shall grow up between the dates? Whether the greater number of dates lie behind or before us, what of the years as they come? Will we make others happy and thus be happy ourselves? Will we carry about with us gloom or gladness? Will somebody be better for having known us in this life? Will the world know things it didn't know when we came? Will some find happiness they would not have found had we not led the way? When we have written our last date, will gentle hands that we have clasped and loving hearts that we have thrilled perform for us the sacred offices love requires, and hold in good memory the years that made up our lives? In other words, are we putting between the dates all the good we can, all the progress and achievement, all the helping and upbuilding, all the brightness and good cheer to the limit of human accomplishment, and as little as possible of evil? Happy then are we whether the dates go slowly by or rush into the past as a torrent.

WOMEN AND MEN

A distinguished lecturer made a study of man and women, and then he told what he thought he had discovered; and it does not show to the disadvantage of the women either. It is briefly as follows:

Sensation—Women are as sensitive as men.

Perception—Women are quick to perceive or understand; quicker than men.

Memory—Women are endowed with as good memory as men.

Feeling and emotion—In these qualities women differ materially, from men; have more intense feeling and deeper emotion.

Obstinacy—Women are as stubborn as men, though more inclined to control it.

Sympathy—More strongly developed in women than in men.

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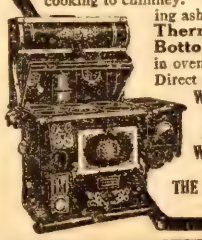
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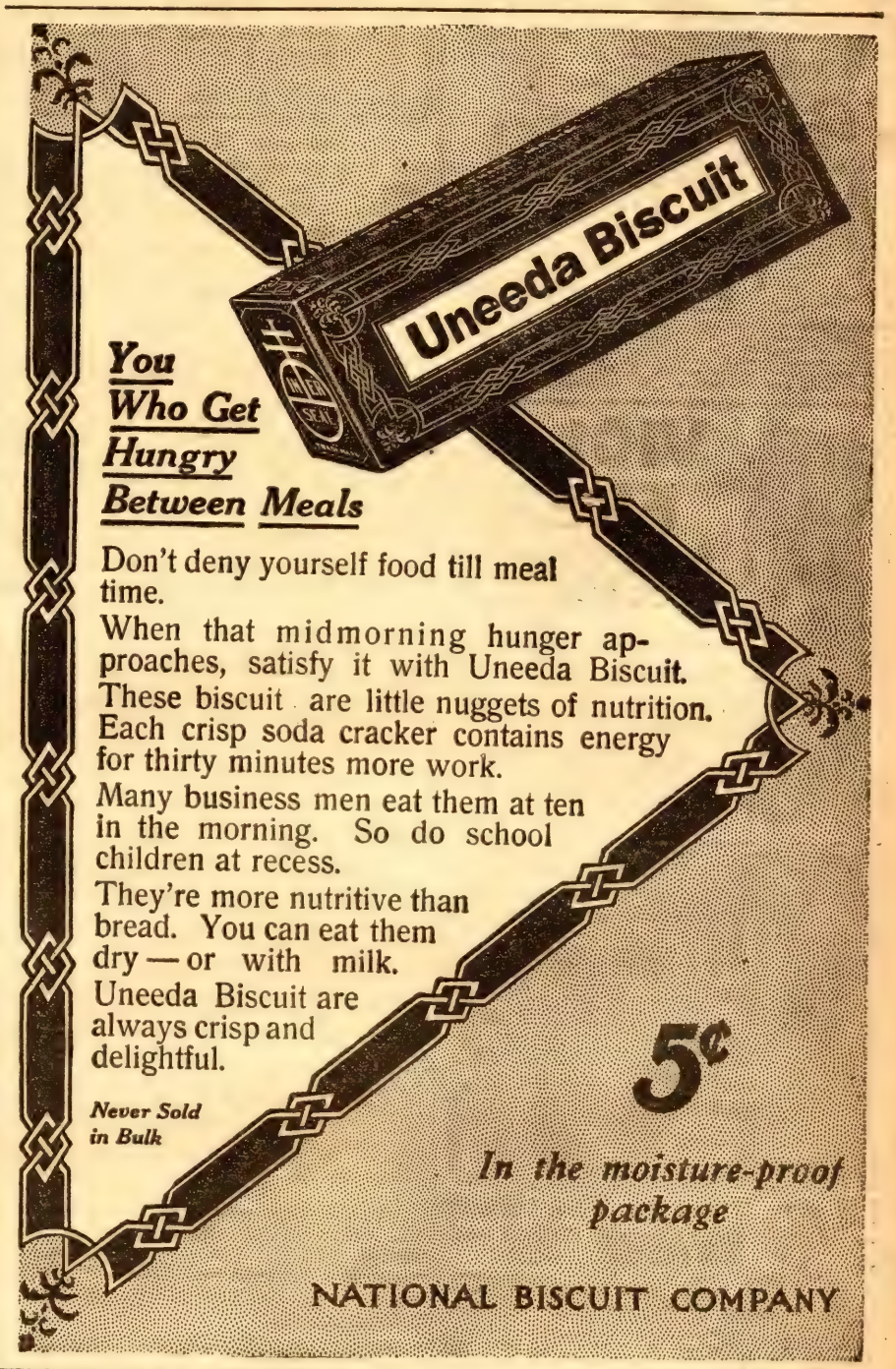
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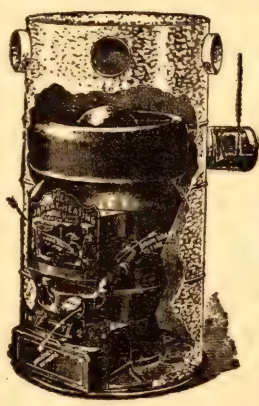
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Every card richly colored, all different, some worth up to 5c each. All styles of Valentines, Doves, Cupids, Hearts, Flowers, Lace Effects, etc., each card with a Valentine Greeting on it. The finest lot of cards ever offered—just as good as our Christmas cards, of which we sold millions. Biggest and Best Valentine Catalog sent free, listing Valentine Cards, Booklets and Folders at Bargain Prices. ELLIS ART CO., DEPT. 640, 536 AWNDALE AVE. CHICAGO.



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This is a fine, handsome, clear toned good sized Violin of highly polished beautiful wood, ebony finished pegs, finger board and tail piece, one silver string, three gut strings, long bow of white horse hair, box of resin and FINE SELF INSTRUCTION BOOK. Send us your name and address for 24 packages of BLUINE to sell at 10c a package. When sold return our $2.40 and we will send you this beautiful Violin and outfit just exactly as represented.

BLUINE MFG. CO.,
932 Mill St., Concord Jct., Mass.



EASY TO EARN—Your choice of 150 premiums for selling our **Keystone Easy-to-Thread Best Quality GOLD EYE NEEDLES** at 5c a package. With every two packages we give **FREE a Silver Aluminum Thimble.** Send name and address. We send, postpaid, 24 needle packages and 12 thimbles with **LARGE PREMIUM BOOK.** When sold send us the $1.20 and receive premium entitled to, selected from premium list. Extra present **FREE** if ordered today. A post card will do. Address
Keystone Novelty Co., Box 646 Greenville, Pa.

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This Is The Best WATCH CHAIN and RING FREE



This is a genuine fine plated watch, American made, stem wind and set. Beautifully embossed, brightly polished. Latest improved movement, factory tested and guaranteed. Suitable for any person. Full size. Also this elegant gold filled signet ring with your own initial on it. We will also give handsome chain for watch. All given for selling only 24 packages of needles (55 needles to package) at 10 cents a package. When sold send us $2.40 and all the above is yours. Write today for the 24 packages. We trust you with the needles.
Mason Supply House, 145 W. Ohio St., Chicago, Ill.

$3.50 = $20.00 for $3.50



Cut this out and send it to us with your name, post office and express office address, and we will send to you by express for examination this 20 year guaranteed watch. Double hunting extra quality 14 karat gold finished case. Standard American full seven ruby jeweled works. With each watch we send Mdse. certificates which can be used in purchasing goods from our catalogue (total value of watch and certificates $20.00) all for $3.50. You examine the watch at your express office and if satisfactory pay express agent $3.50 and express charges and it is yours. Satisfaction guaranteed or money refunded. State whether you want a man's watch or a ladies' watch. Order today. Address
R.E. CHALMERS & CO., 356 Dearborn St., CHICAGO.

STEM WIND & SET

WATCH RING & CHAIN FREE
FOR SELLING POST CARDS



We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. **WILLARD WATCH CO., Dept. 137 CHICAGO**

Watch, Ring and Chain GIVEN
FOR SELLING POST CARDS



Our American made, stem wind watch with beautifully designed case, factory-tested, guaranteed for 5 years, and exquisite ring set with a brilliant stone are given to boys and girls for selling 20 packets of high grade art post cards at 10c a packet. Order 20 packets to-day. When sold, send us $2.00 and we will positively send you at once the watch, ring and chain.
Palace Mfg. Co. Dept. 507 Chicago

X-RAY KATHODOSCOPE. Latest pocket curiosity. Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver **Alden & Co., Sta. A, Indianapolis, Ind.**

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

The new year is now well started, and both cadets and Pioneers seem imbued with newness of life. Letters are coming in faster than ever before, and there is an activity in Equity that encourages us. The schools of the country are in session again, after the holiday recess, and we wish our Cadet friends would take UP-TO-DATE to school, ask the teachers to read the letters, and also the pupils, and then get a club of subscribers on some of our propositions, and supply the whole school with beautiful post cards, or possibly win some of the other premiums we offer.

We begin the letters this issue with one from a good friend in Pennsylvania, who writes with a purpose and knows what he says. He is neither a child nor a youth, but he once was, and now he knows the real problems of life.

DEAR CADETS: I wish to join you in spite of my age, because I see the good you might do. I will be forty-eight next March 19, and I would like to have a post card shower. I will not write first, but I will answer all I receive. I have been reading the letters for a year, and I think that is the best part of the paper. There is nothing that will maintain the welfare of the country, and especially of the farmer, as much as getting the young folks interested. Mr. Everitt is working hard to place the Farmers' Society of Equity before the people. Now, I believe the future of that society, and of efficient farm organization, lies with the Cadets of this paper. That is why I am writing this letter. I want to tell you Cadets if you boost the Society, say a good word for it, talk for it wherever you can and whenever you can, and as often as you have an opportunity, you will do more for the Society and the farmer, than you now think you can do. In this county we do not raise anything to ship. The local market takes it all and carloads more. But for all that, we know what the farmers need. I send with this letter a list of five subscribers for UP-TO-DATE, and thus become both a Cadet and a Pioneer. I also send 10 cents for Farmers' Industrial Freedom. I am in earnest in this matter.—C. A. Stauffer, Ruffsdale, Pa.

It is a long way from Pennsylvania to Oregon, but the people in both states, and all the way between, are interested in this movement. In proof we refer to the preceding and the following letters:

DEAR CADETS: I am enclosing money order for 50 cents for my two years' renewal. I think UP-TO-DATE FARMING is the best farm paper in the United States. It is the only paper that I have ever taken that has ever spoken of the Equity System, which is a great thing, and I and thousands of others have been benefited by it. I am a young man interested in farming, and I wish to be both a Cadet and a Pioneer. I will be twenty-one in April, and we live on a quarter section of land, and work eight horses, but we milk only one cow to make butter for our own use. I would like to correspond with some of the eastern Cadets.—C. Earl Tunison, Flanagan, Oregon.

And this dear little orphan girl can't do without UP-TO-DATE. If we only knew them, there are many in this world whose very thoughts win our love.

DEAR CADETS: I am so glad to renew my subscription to UP-TO-DATE; I can't get along without the paper. I am fourteen years old and have to keep house for pa. We lost our dear mother a year ago last April, and that has left me the head of the family. I have two sisters younger than myself. Could you persuade some of the young folks to send me a card? I will try to answer them back again.—Gertie Reamma, Charlevoix, Mich. R. R. 1.

You'll get more cards than you can answer, Gertie.

DEAR CADETS: I am eight years old, and I go to school every day. When it is too stormy, my papa takes me over with the team. My father is a strong member of the Farmers' Society of Equity. I like to read the letters. I have three little cousins in California, and I would like for them to get UP-TO-DATE FARMING so they can read my letter, and then perhaps I can read theirs. So find enclosed 30 cents and send UP-TO-DATE to their father, Joseph Bussey, McCloud, Cal. I am late for the Christmas cards, so send me the latest.—Irvene Belanger, Provomont, Mich.

DEAR CADETS: I am thirteen years old, three feet, seven inches high, weigh eighty pounds, and have brown hair and real brown eyes. I am in the first year high school. My chum, Hope Rockefeller, is also in that grade. She is a nice girl, is my age and size, and we have lots of fun together. My brother commenced taking UP-TO-DATE FARMING about seven months ago, and we all like it. I always read the Cadet letters first. Zion City has a population of about 5,000. For market products vegetables and potatoes are raised mostly. We have six chickens and I expect they will begin to lay soon. Eggs are 42 cents per dozen here. I wish Cadets about my age would write to me.—Adele Roulo, Zion City, Ill.

DEAR CADETS: I live in South Dakota. My papa's farm of 168 acres lies on the line between North and South Dakota. We can raise almost anything here, but this year was a failure on crops. We have eight pigs, one cow and calf, and eight horses. I am five feet, four inches high, have dark hair and gray eyes, and am fourteen years old. I enjoy the letters, and would be glad to receive postals from the boys or girls.—Osceola Groff, Swartwood, North Dakota.

DEAR CADETS: Please move over a little, and admit another western girl. I am seventeen years old, have very dark brown hair and eyes, am five feet six inches tall, and weigh 130 pounds. Like most of the Cadets, I live in the country, and like it much better than the city. We live in the Williamette valley, about twenty-two miles from Portland, and any direction we look we can see mountains. The Coast Range is on the north and west, and the Cascade Range is on the east and south. The chief farm products here are potatoes, hay, hops and fruit. There are many sheep raised in this part of Oregon, but very few cattle. More cattle are raised in the extreme western part of the state, where they have large dairies. We have 160 acres of land, about seven miles from here on the Parrett Mountain, and seven lots and a house in Newberg; but we have both places rented now. I suppose we will move to the farm in the spring. I went to Newport this summer and had a fine time. I was down on the beach every day, and found quite a nice collection of agates and jaspers. We caught some large crabs and fish, and watched people dig for rock oysters. Only two large ships came in sight while we were out there. I didn't get to see any whales, but I believe there were more sea gulls than there were people. One afternoon, when the tide was going out, several of us got on a large rock, called Jump Off Joe, and had our photos taken. The rock has steps cut on one side so people can climb up to the top of it. The tide has washed two large holes in it, and they are partly full of water. On one end of the rock there is an archway about eleven feet high and six feet wide.

It has been raining quite hard here for the last two weeks, and we haven't had but three frosts this winter, and they weren't hard enough to kill anything. We picked ripe raspberries to-day (December 14). Some of the bushes have flowers and green berries on them, so I suppose there will be ripe berries Christmas. I would like to exchange post cards with the Cadets and readers of UP-TO-DATE, but be sure to give a description of yourselves, as I wish to know what my Cadet friends look like.—Hallie E. Knecht, Newberg, Oregon.

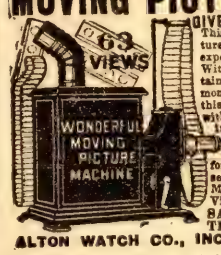
DEAR CADETS: I am a Washington boy that enjoys reading the Cadet letters. I came from Nebraska about three years ago, and I like Washington fine. We raise most every thing here, but our specialty is fruit. I am eighteen years of age, am five feet, six inches tall, and weigh 150 pounds. I have taken UP-TO-DATE nearly a year. I would like to receive cards from the Cadets, and I promise to answer all I receive.—Clarence Ulery, Olympia, Wash.

DEAR CADETS: I am a South Dakota boy, eighteen years of age, and I live on a 160-acre farm in the southern part of the State. This is a very thinly settled country, and mostly Indians live here, for it is an Indian reservation. The Indians are very poor farmers. Hunting the jack rabbit is about the only sport they have now, since the buffalo is gone. We raise all kinds of crops. Farming is our occupation, and we keep twenty head of horses. In my spare time I enjoy hunting wolves for the bounty paid on them. On a pony last winter I ran down nine coyotes and three gray wolves, when there was about ten inches of snow on the ground. I would be very glad to receive cards from other Cadets, and will answer all I get.—Stephen Vandrahek, Andrews, South Dakota.



FREE SEND NO MONEY.
Just your name and address and we will send you 24 packages of our **New** style **Easy-to-Thread Gold Eye Needles** and 12 **Satin Finish** Pure Aluminum Thimbles, all post paid with **Big 16 Page Premium List.** You sell the Needles at 5 cts. a Package and to each person that buys 2 Packages, you give a Thimble **Free.** Your success is certain. When sold send us the $1.20 and we will send you the Premium you select and are entitled to in the Premium List, order at once and get extra Presents **Free.**—Address
Globe Novelty Co., Box 423, Greenville, Pa.

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GIVEN FOR SELLING POST CARDS



This marvelous Machine shows pictures in motion the same as the very expensive machines used in theatres. With this machine you can entertain your friends and even make money giving exhibitions. We give this wonderful machine complete with films—63 VIEWS, for selling only 24 packages high grade post cards at 10c per package. **SEND NO MONEY.** Write for post cards today. When sold, send us $2.40 and complete Moving Picture Machine and 63 Views will be sent you promptly. **SATISFACTION GUARANTEED OR MONEY RETURNED.**
ALTON WATCH CO., INC., DEPT. 848 CHICAGO.

Pearl Eardrops—Gold Plated

Adjustable to any ear, with small set screw device, and without having ears pierced, (see cut.) The most beautiful set of gold plated, pearl eardrops you ever saw, as here shown. All the rage now. New and never offered before. You will be delighted with them. Send no money—just your name and address and we will send you 12 packages of our extra fine new needles, (55 needles to a package and worth 25 cents.) Sell them for only 10 cents a package; when sold, send us the $1.20 and we will send you this exquisite pair of beautiful gold plated pearl eardrops by return mail, charges prepaid. Send to-day. Address
2-3 Size. **MASON SUPPLY HOUSE, 145 W. Ohio St., Chicago, Ill.**

STEM WIND & SET

WATCH RING & CHAIN FREE
FOR SELLING POST CARDS



We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. **WELLS MFG. CO., DEPT. 125 CHICAGO**

EARN WATCH—RING and CHAIN WE POSITIVELY GIVE TO BOYS and GIRLS A BEAUTIFUL, AMERICAN-MADE stem-wind, stem-set watch with handsomely designed case, proper size, GUARANTEED 5 YEARS. Also dainty ring, set with two sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain.



Dale Watch Company, Dept. 53 Chicago

These 4 RINGS FREE



Write for 12 pieces of our goods to sell at 10c. each. Remit $1.20 when sold and we will send *free* these 4 genuine gold plated rings guaranteed to give satisfaction. **Friend Soap Co., Dept. 568 Boston, Mass.**

BOYS VIOLIN FREE!



This fine, sweet-toned violin also white horse hair bow and box resin free for selling 20 pkgs. Art Post Cards at 10c per pkge. Send for cards—When sold, send $2.00 and Violin and Complete Outfit will be sent promptly. Satisfaction guaranteed. **ALTON WATCH CO., Dept. 49 Chicago**

A HOME IN THE SUNNY SOUTH

I offer for quick sale a bargain in a 60-acre unimproved farm in Washington Co., Ala., near the Mississippi line. It is right on a new railroad, and only one mile from a new town site, one mile and a half from postoffice. As good tobacco land as Kentucky; as good corn land as Illinois; as good potato land as Michigan. Excellent opportunities for truck raisers; within two hours of Mobile. This is the best of the 100,000 acres surrounding it; lies high—no mosquitos; no swamps; no malaria. Most healthful climate in State—no blizzards; no snow storms; no long freezes. Stock stay out all winter; raise three crops a year; sandy loam, clay subsoil. Perfect title.

FOR SALE AT A SACRIFICE

Land right next to it is selling today at $25.00 an acre. I must sell this 60 acres at once. I can make a mighty big discount—a most interesting price—for a quick cash deal.

Write me at once if you want a great big bargain in real estate in a section where you can enjoy life every day in the year.

J. B. FENTONY
Attorney-at-Law, Indianapolis, Ind.

Wanted--A Club Agent

in every community who will get renewals, and all farmers to subscribe for Up-to-Date Farming. Pay either valuable premiums or a liberal Cash Commission. Address UP-TO-DATE FARMING, INDIANAPOLIS.

DEAR CADETS: I am a Missouri girl, and will be fifteen next April. I was born on an Easter Sunday. I live in the country, about six miles from a town called Amsterdam, on a farm of 160 acres. I like it pretty well here. I have two miles to go to school, and on the way home in winter, we sometimes stop and skate about half an hour on a pond in one of the fields we often come through to make a shorter way home. Our school is Willow Branch, and we have a good teacher, whose name is T. J. Wheeler. We also go two miles to church, which is called Mt. Vernon. I have been to one pie supper and to four birthday parties, and had one myself. I have no sister, but I have two brothers, seventeen and nineteen years old.—Olive C. Pees, Adrian, Mo.

DEAR CADETS: I am an Iowa boy and I am proud of it. I have just begun to read UP-TO-DATE FARMING, and I think it a number one paper. I like to read the Cadet page. I went to school till January, 1910; then I started to work out. I work on a farm two miles from Baxter. I milk three cows, slop and feed forty hogs, and take care of some horses. I will be fifteen in March. I would gladly exchange cards or letters with other Cadets.—Glen Gough, Baxter, Iowa. Rt. 1.

DEAR CADETS: Will you admit another West Virginia girl? I am seventeen years old, and live on a farm of about 200 acres. I have three brothers, but no sister. One of my brothers takes UP-TO-DATE, and we all enjoy reading it very much. We are having lots of snow here this winter, and it is fine for sleighing. I would like to receive cards from the Cadets, and promise to answer all I get.—Lizzie Greene, Thornton, W. Va.

DEAR CADETS: Papa takes UP-TO-DATE FARMING and I like it fine. I go to school and like my teacher, Mr. Cleveland Forester, very much. I live on a farm of 160 acres, seven miles from town. We have a fine young orchard of 200 peach trees and 1,000 apple trees. We have seven head of cattle and two horses. I have six sisters and four brothers. Three of my sisters are married, and one of my brothers, so there are six of us yet at home, and I am fifteen years of age, with light hair and fair complexion, and weigh 135 pounds. We have had a big snow, but it is just about all gone now. We raise all kinds of fruit, vegetables, wheat, oats, barley, corn, cotton and other things.—Nora Thompson, Lorine, Ark.

DEAR CADETS: I am fifteen years old, have light hair and fair complexion, and weigh ninety-eight pounds. I have two brothers, one older and the other younger than myself. We have an organ and as I took music lessons last spring, I can play almost any thing. I go to school a mile from home; Miss Tandy is my teacher. I have never lived in a city and I think farm life is the best. My father takes UP-TO-DATE, and we like it fine. I would like to exchange cards with any of the Cadets.—Edna Wilson, Crutchfield, Ky.

DEAR CADETS: I am an Indiana farmer, and live on a 130-acre farm. Our main crops are oats, corn, wheat and trucking. I am eighteen, and weigh about 140 pounds. We have five milch cows and four calves, three horses, six hogs and chickens. We live about eight miles from New Albany, and we have a church about three-quarters of a mile from us. I love to read the Cadet letters, and so I have subscribed for UP-TO-DATE.—William Zurchmeide, New Albany, Ind., Rt. 4.

DEAR CADETS: My mamma has been taking UP-TO-DATE for quite a while, and I enjoy reading the Cadet letters. I am fifteen years old and weigh 120 pounds. I have five brothers and two sisters. My father is dead, and I work out in the field. I have been picking cotton, but we are done now, and I will start to school in a few days. We live on a farm of eighty acres, and have two horses and two colts and two cows and calves. I do all the milking, and I love to live on a farm. I like to ride the horses and feed the cows. I don't think I could live in a town. My birthday is March 31, and I would like a post card shower from the Cadets.—May Harris, Prue, Okla.

DEAR CADETS: I live on a farm of forty acres in dear old West Virginia, county of Randolph. My brother takes UP-TO-DATE, and I like to read it. I think it is a fine paper. I am seventeen years old and weigh 119 pounds. I would like to receive cards and letters from all the Cadets; I don't want one to slight me. I certainly appreciate the privilege of having my name in print for once.—Wesley Phillips, Beverly, W. Va.

DEAR CADETS: I am a little Kentucky girl, and am four feet two inches high. We live on a 200-acre farm. My father is a great farmer, and miller, and merchant also. We raise lots of chickens, turkeys and ducks; and we have two cows and four horses, and I take a ride every week I go to school. I have lots of books and I like to study them. We take UP-TO-DATE, and I like it fine. We have an organ and I can play on it. I go to church every Sunday. My mother and father are Christians.—Beulah Cooper, Plummers Landing, Ky.

I wish I could print all the other good letters that lie before me, but I can't. A great many writers refer to their schools and their teachers. I would so like to have some good school clubs. Good-by, dear friends. Let us all work together for good, and make 1911 famous for what we have done. I believe Mr. Stauffer writes the truth; a good deal depends upon the Cadets.

A B C OF EQUITY

Recitation for a Small Boy or Girl in Local Union or School

A is for action; takes that to succeed,
And he that ignores it will soon come to need.

B is for Brotherhood, faithful and true;
The sentiment gladly each day let's renew.

C is for Cunning by combines displayed,
And for Co-operation, the farmers' great-aid.

D is for Duty, we owe to each other,
Our calling demands that we all act together.

E is for Equity, true principle of right,
In Equity's battle put forth all your might.

F is for future, when good times must come,
And comfort shall dwell in each farmer's glad home.

G is for Get-there; there's one way we can,
Stand firmly together, each man close to man.

H is for Husbandry, the calling God blest,
Of man's avocation the noblest and best.

I is for Interest, a hard thing to pay,
When Equity rules, debts should all melt away.

J is for Justice, on equity based,
Absent for long time, but coming with haste.

K is for keeping our interests in view,
And working in earnest for me and for you.

L is for Lesson in adversity learned;
By farmers no longer its teachings is spurned.

M is for Manhood, humanity's pride,
Manhood of farmers should ne'er be denied. denied.

N is for Notice to all the world given,
That farmers no longer by trusts shall be driven.

O is for Onward, as farmers are going,
And soon they will reap what now they are sowing.

P is for Poverty, too long labor's lot;
In Union and Equity 'twill soon be forgot.

Q is for Question, 'tis no need to ask,
To give each his chance is Equity's task.

R is for Right; it can do no wrong,
But wrong has prevailed among men too long.

S is for Surety, not for bond or for debt,
But for happy results that our Union begets.

T is for Trusts, so hurtful to all,
But meet them with Equity, then they must fall.

U is for UP-TO-DATE, champion of right,
Let farmers throughout the land aid in it's fight.

V is for Victory; 'tis coming amain,
And millions will join in the happy refrain.

W is for Worker on farm or in mine,
Let workers of every class fall into line.

X 'xpectation, floating free in the air,
From that to a certainty is seen everywhere.

Y is for you; your part must be done,
Don't falter a moment, the work is begun.

Z is for Zero, let wrong get down there,
While Equity mounts upon Victory's stair.

If you haven't an incubator you should have. A good incubator should be on every farm. It is a paying investment. No experience needed. The boys can run it and it is good experience. Write the several incubator manufacturers who advertise in this issue. Get their catalogues. Read up on the subject and buy a machine.

When You Think



Of the pain which many women experience with every month it makes the gentleness and kindness always associated with womanhood seem to be almost a miracle. While in general no woman rebels against what she regards as a natural necessity there is no woman who would not gladly be free from this recurring period of pain.

Dr. Pierce's Favorite Prescription makes weak women strong and sick women well, and gives them freedom from pain. It establishes regularity, subdues inflammation, heals ulceration and cures female weakness.

Sick women are invited to consult Dr. Pierce by letter, *free*. All correspondence strictly private and sacredly confidential. Write without fear and without fee to World's Dispensary Medical Association, R. V. Pierce, M. D., President, Buffalo, N. Y.

If you want a book that tells all about woman's diseases, and how to cure them at home, send 21 one-cent stamps to Dr. Pierce to pay cost of mailing *only*, and he will send you a *free* copy of his great thousand-page illustrated Common Sense Medical Adviser—revised, up-to-date edition, in paper covers. In handsome cloth-binding, 31 stamps.

CAMP and TRAIL BOOKS



Camp and Trail Methods. Interesting information for all nature livers. What to take and what to do. Is intended for woodsmen, country people, mountain men, prospectors, trappers and hardy out-door people. 274 pages, 68 illustrations. Cloth, **60 Cents.**

LAND CRUISING AND PROSPECTING. A valuable book for Homesteaders, Hunters, Trappers, Prospectors, Guides. etc. For the man who follows the compass, the trap and the trail. Cloth, 60 CENTS.

SCIENCE OF TRAPPING. Describes the fur-bearing animals, their nature, habits and distribution, with practical methods of their capture. This book contains 245 pages, 5x7 inches, with more than 40 illustrations, many of which are full page, of the various fur-bearing animals, also several pages of tracks. Cloth, 60 CENTS.

HUNTING DOGS. Describes in a practical manner the training, handling, treatment, breeds, etc., best adapted for night hunting as well as Gun Dogs for daylight sport, 253 pages. Cloth, 60 CENTS.

Any of above books sent postpaid on receipt of price.

Equity Pub. Co., Indianapolis, Ind.

BOOKS FOR OUT-DOOR LIFE



Dead Falls and Snares. A book for trappers about these and other home-made traps. The most complete book dealing with home-made traps, their construction and use—facts furnished mostly by "old timers." 232 pages, 84 illustrations. Cloth, **60 Cents.**

STEEL TRAPS. Describes the different makes and tells how to use them. Also chapters on care of Pelts, etc. 32 chapters of concrete information such as water, tree, stop thief, land, Victor, Hawley and Norton, Double and Web Jaw, Newhouse traps, etc., etc. Cloth, 60 CENTS.

WOLF AND COYOTE TRAPPING. An up-to-date Wolf Hunter's Guide, giving the most successful methods of the experienced "Wolfers" for hunting and trapping these animals. With careful and accurate descriptions of the Wolf and Coyote, illustrating their tracks and explaining their habits. Cloth, 60CTS.

These books sent postpaid upon receipt of price.

Equity Pub. Co., Indianapolis, Ind.

Get a Rex Fountain Pen From Me



WRITE it to your friends that Up-to-Date Farming is the only farm paper out of over 400 that helps them to market their crops to get the most money.

To write such a good message you should have one of my fountain gold pens. This pen is hard rubber holder and 14 karat gold point, writes smooth and last for years with ordinary care. Few articles are more desired and prized when obtained than a good fountain pen. This is a high grade one. They sell others where used.

My Offer Send $1.00 and two subscribers for two years, or four subscribers for one year and I will send the pen as a reward and guarantee it.

J. A. EVERITT, Editor, Indianapolis, Ind.

WANTED



We need good honest men who are willing to work. We are appointing salesmen every day to demonstrate, advertise, accept orders, and make deliveries for our wonderful new fire extinguisher in their territory. We want general agents and managers also, and we give enormous profits. It is an opportunity to get away from the slavery of wages; to get into business for yourself. You will be your own boss—you will be independent, have abundant money, pleasant position, and your time will be your own. It is the chance of a lifetime.

NO EXPERIENCE NECESSARY

We will appoint you and teach you everything about the business. Anyone—young or old—who is honest can secure a position. Our active salesmen are always furnished complete sample outfit free. Hundreds are getting rich.

LISTEN:— Edward McGough, O., says: **"Made $160.00 last week. Easiest thing in the world. Everybody buys. Everybody satisfied—me best of all."** E. J. Dirr, Mich., writes: "Never dreamed of anything selling so easily. **Eighteen orders one day—profit $22.50.** No trick at all—just show and take the order." That's the way it goes—every man prosperous and happy—coining money hand over fist. F. J. Baughman, Ohio, says: "Sold 15 first day. Going fine, **fine, FINE.** Ship 250 at once. **Hurrah for more business."** I. C. Gordon, Ind., telegraphs: "Ship 150 today. **All sold out. Everybody wants to buy."** G. J. Hoyt, Pa., called up by telephone and ordered 100. He said: "The fastest seller in the world. Anybody can sell it. **My boy, 14 years old, sold six yesterday afternoon."** O. R. Joy, Ill., "started out 10 a. m., **sold 14 by 3 o'clock"**

This is a big reliable manufacturing company, and we offer honest, ambitious men a chance to make thousands of dollars. No matter where you live, write at once. This machine is the most startling, wonderful, lightning seller brought forth in a hundred years. Simply show and take the order. It is the

MOST AMAZING INVENTION OF THE AGE.

But don't delay. Territory is going fast. You should write today.

Think of it. **A chemical fire extinguisher that even a child can use.** Always ready. Acts instantly. **Death to any fire.** Low priced. **Absolutely reliable.** Not sold in stores. **Guaranteed in every particular. Will last forever.** Operates anywhere, everywhere. Wonderful combination of mechanical and chemical forces. Pronounced a marvel of science. No more homes destroyed because a fire department is not available. No more wives and mothers burned to a horrible death from exploding gasoline stoves. No more danger on farm, in towns, factories, schools, theatres, stores, anywhere---everywhere --if the **U. S. Chemical Fire Extinguisher** is there. The machine is **absolutely guaranteed,** and it sells on sight. Everybody needs it. **Saves life, property, insurance.** Everybody interested---eager to obtain it---eager to order. Could anything be easier---better---than supplying this demand already created? You can

Illustration drawn from Life

Anyone can successfully do this work. All we require is honesty and industry. No experience necessary. We teach you how to make one-minute demonstrations that simply amaze everybody. You will demonstrate to homes, schools, theatres, factories, churches, public buildings, fire departments, city councils, etc. Everybody is interested. Everybody a customer. Work can be done in spare time at the start, if necessary. Women successful the same as men.

AGENTS SALESMEN MANAGERS

MAKE $4000

this year demonstrating this machine upon our **grand special introductory price offer.**

We want a good man in every territory to **fill orders, appoint, supply, control sub-agents.** Exclusive territory, protection, co-operation, assistance. **166 2-3 per cent profit to salesmen.** Prompt shipments. Square deal. Personal attention. Everything to help you succeed---to help you make money. Field untouched. **No Risk.** You simply can't fail. Write for your county today. We want a thousand ambitious men.

SEND NO MONEY Only your name and address on a postal card for complete information, offer and valuable statistics on fire losses **FREE. Investigate.** Write at once. Give name of county, and write your name plainly. Address

THE UNITED MFG. CO.,
140 Mill St. Leipsic, O.
[Reference: The Bank of Leipsic. Capital: $1,000,000.00.

TRAPPERS and HUNTERS

Furs are high. A fact which you are all probably acquainted with, but the question is, are you getting highest market value for yours.

Remember we do not charge any commission, pay all express charges, will hold your goods separate for approval of our valuation, when requested, and if not satisfactory will return and pay all charges.

Don't you think we are entitled to a trial shipment on the strength of the foregoing.

For further information write for our free price list and Trappers Guide.

Make us a trial shipment today.

ABRAHAMS FUR & WOOL CO.
Fur Merchants Seymour, Wis.



SHIP YOUR **FURS** AND PELTS
To McMILLAN FUR & WOOL CO.
MINNEAPOLIS, MINN.
Illustrated Circular Free to anyone interested in RAW FURS.
Trappers' Guide Free to those who ship to us.

Raw Fur Prices

are going to be up and down this winter. Some heavy stocks carried over will probably affect the market. We keep our shippers posted by special bulletins all through the winter. We give you the top price because we post you about the rises and falls. Send your name to get on our bulletin list.

Shipments to us at the right time bring best money and quickest returns.

KANN & COMPANY
55 E. 10th Street, New York City

NEW YORK PRICES FOR
RAW FURS

are the highest in the country. We will pay the highest New York cash prices for your Muskrat, Skunk, Mink, Coon, Opossum, Fox and all other standard furs in large or small lots. We hold shipments separate on request. We charge no commission and pay all express charges. Send us your name and address at once and we will keep you fully posted.

STRUCK-CHAITIN CO., Dept. L, 8 East 12th St., New York

FOR YOUR HIDE'S SAKE

Have it tanned with the hair on for a coat, robe or rug. Moth proof, no smell. Freight paid on 3 hides. You furnish hide, we do all the rest and make coat for $10.00 up. Robes $5.50 up. Write for price list.

THE WORTHING & ALGER CO., HILLSDALE, MICH



CUSTOM TANNING!

Honest Work—Low Prices. Warm, durable Robes, Coats, Gloves and other Garments made from your Hides and Skins. Price List and full particulars on application.

RAW FURS, Hides, Skins and Wool WANTED

Trappers, Shippers, write to us for our Price-List. Established 1891. Absolute financial responsibility.

OHSMAN, EFFRON & CO., BOX UD CEDAR RAPIDS, IA.

FREE BOOK OF GAME AND FUR LAWS



A 64 page book worth hundreds of dollars to hunters, trappers and campers. Gives all fur and game laws—tells how to make more money. We give you a copy FREE with HUNTER-TRADER-TRAPPER—A big 160 page magazine full of hunting news, good stories and valuable facts for trappers. 10c a copy; or CAMP AND TRAIL, a 24 page weekly—5c a copy. Devoted to hunting, trapping, fishing, guns, dogs, etc. Send 5c or 10c today for the magazine you want and get the book free. A. R. HARDING PUB. CO., Box 239 Columbus, Ohio

YOUR HIDE TANNED

Ship us your horse, cow and other hides, to be tanned and made into coats, robes, mittens and gloves. Guaranteed wind, water and moth proof. Price list and samples free.

LOGANSPORT ROBE AND TANNING CO.
500 Broadway, Logansport, Ind.

BEEF HIDES — FURS

TOP MARKET — AGENTS WANTED
Geo. Copeland & Co., Steubenville, Ohio

GENT'S STUNNING RING



Made of 14k gold filled stock, handsomely engraved shanks with large colored stone center, such as rubies, emeralds, sapphire or opals. I do not sell rings, nor anything but UP-TO-DATE FARMING, but I do give away many beautiful and valuable things to my friends who help me to get new subscribers and renewals. I don't know of any thing that will give greater pleasure and satisfaction than this ring. See my offer.

My Offer E 11 Send your own, or another's subscription to UP-TO-DATE FARMING for five years—$1.00; or a club of four for one year each—$1.00; or a club of two, two years each—$1.00, and I will send you this ring. For 10 cents extra I will send it by insured mail. Satisfaction guaranteed. Mention "Offer E 11."

J. A. Everitt, Editor, Indianapolis, Ind.

What Interested a Chicago Girl

The following excellent letter from a Chicago girl reached us after the Cadet department had been made up, but the letter is so well written, and affords such conclusive proof that our field is the world, and that we may do good wherever there are young people, we make room for it here:

DEAR CADETS: I joined the Post Card Exchange, and in doing so I became identified with UP-TO-DATE FARMING. Some how I took no great interest in the paper, as I am a working girl in the great city of Chicago, and I am always very tired when I get home. So I did not stop to look at the paper until one night while writing some of my scale work for my music lesson, I am studying to become a teacher, I took up the paper, and the first thing I began reading was the "Cadets of Equity." It interested me so that I could not resist the temptation to write and tell you how I appreciate the value of this paper, and how happy it would make me if you would exchange cards or letters with me. I will answer all of them, and give you all news of myself and the city, but I can not talk about farming as I have not the pleasure of knowing much about farm life, but I am sure I would like it very much. I am seventeen years old.—Blanche Roy, 837 Loomis street, Chicago, Ill.

USE THE COUPON

Declaration—Equity is equality of rights, privileges and opportunities. I am in favor of Equity in all the relations of life. Therefore, I want to become a PIONEER of Equity and send one new subscriber to UP-TO-DATE FARMING and 30 cents to pay for it. Please send me the reward of twenty (20) post cards as offered.

My Name .....

My Address .....

Send the Paper to.....

Address .....

Dear Little Hands

Dear little hands! I love them so!
And now they are lying under the snow;
Under the snow so cold and white,
And I cannot see them or touch them tonight.
They are quiet and still at last. Ah me!
How busy and restless they used to be;
But now they can never reach us through the snow—
Dear little hands! I loved them so!

Dear little hands I miss them so!
All through the day, wherever I go!
All through the night, how lonely it seems,
For no little hands wake me out of my dreams.
I miss them through all the weary hours,
I miss them as others miss sunshine and flowers;
Daytime or nighttime, wherever I go,
Dear little hands! I miss them so!

Dear little hands! they have gone from me now!
Never again will they rest on my brow;
Never again smooth my sorrowful face;
Never clasp mine in their childish embrace;
And my forehead grows wrinkled and aged with care,
Thinking of little hands once resting there;
But I know, in a happier, heavenlier clime,
Dear little hands! I shall clasp you sometime.

Dear little hands! when the Master shall call
I'll welcome the summons that comes to us all!
When my feet touch the waters so dark and so cold,
And catch my first glimpse of the City of Gold,
If I keep my eyes fixed on the heavenly gate
Over the tide, where the white-robed ones wait,
Shall I know you, I wonder, among the bright hands?
Will you beckon me over, oh dear little hands? —Mrs. W. C. Bell.

The new Hudson "33" is a "classy" looking car. And she performs too. Send for the 1911 Hudson catalog. Hudson Motor Car Co., 5032 Jefferson Ave., Detroit, Mich.

Don't have a vicious horse. Don't try to train a colt without Prof. Beery's book about horses. Sent free by Prof. Jesse Beery, Box 66, Pleasant Hill, O.

Investigate the American Cream Separator. Sold for $15.95 up. Write for free catalogue fully explaining. Address American Separator Co., Box 1149, Bainbridge, N. Y.

Macy's big New York department store brought to you! That is what you may have in very fact if you send for their big catalogue No. 702. No tiresome tramping the long isles—sit in your own room and get advantage of their low prices. Send for catalogue 702 to R. H. Macey & Co., New York City.

It's awful work to have to carry water this cold weather. Don't do it any longer. Get a reliable Gould's Farm Pump. Have water in the home, barn or wherever you need it. Write The Goulds Mfg. Co., 95 W. Fall St., Seneca Falls, N. Y., for full particulars. A pump to do the work need not cost much.

A Little Personal Talk to My Boy Readers and a True Story

Boys! Here's the greatest opportunity you ever had.

But first let me tell you a true story about myself.

It was about thirty-five years ago. My father was a subscriber to the **American Agriculturist,** then the leading farm paper. I was looking over its pages one day in February, I remember, and I came across an advertisement like this:

700 Bu. Per Acre. Send $1.00 for one pound of the great new Victor Potato. Yield 700 bushels per acre. **A. C. ASHALD, Garrettsville, O.**

I remember as well as though it was yesterday that I was sitting on the woodbox back of the kitchen stove when I read that advertisement. I said to my father: "Father, I have 50 cents, if you will let me have 50 cents more I would like to send for a pound of those potatoes."

Well, we raised the dollar between us and I wrote the letter and the first person who went to town took it to the postoffice. (We did not have rural free delivery then.) In due time the pound of potatoes, three medium size tubers, came. I was disappointed when I saw it was a blue potato. But when spring came I planted them. Of course I guarded them jealously and cared for them as I never did for any other potatoes. In the fall I dug the most wonderful crop, about three bushels, of beautiful, large potatoes. The fame of the Victor potato spread all around and the neighbors spoke for seed at the rate of $3.00 a bushel from the new crop.

From that start of one pound of potatoes I was soon an extensive grower of new varieties of seed potatoes; planting on my father's farm and on ground rented in the neighborhood. In a short time I added seeds to my line too. But to make what is a long story short, I will say that in about fifteen years I had the third largest mail order seed business in the country.

Now boys, I don't need to tell you how I came to give up by great seed business to devote all my time to publishing UP-TO-DATE FARMING and helping farmers to establish a new system for marketing their crops. The seed business was intensely interesting and profitable. In three years after I planted the pound of Victor potatoes I had lots of money and I loaned money to various of our neighbors. If I was a young man now on a farm I would just love to duplicate my old experience. But I can not do that, so I write to the boy readers of my paper to go into business.

Get a subscriber for me and let me send you a pound of the Model Market Potato; another one and get a pound of the Farmers' Interest Corn; another one and I'll send you a pound of Garton's Regenerated Swedish Oats. Get as many subscribers as you can and select the rewards that appeal to you. (See page announcement in this issue on page two.)

Then ask your father for ground to plant them on. He will be glad to let you have it.

By following the instructions I will send you, you can grow three to five bushels of potatoes from each pound of seed. The corn will yield six or eight bushels for each pound if you give it good care. If you sow the oats thinly you can harvest about two bushels from each pound of seed. From the vegetable seeds you can supply your mother all summer and everybody will just have plenty of boquets from the flower seeds, if you get them also, for a subscriber.

Now boys, here is the "goodie" in this nut: Each bushel of potatoes, corn and oats you have to spare from your first crop can be sold for $2.00, and succeeding crops you can sell at a high price. Don't it look like $25 to $30 for the little effort I ask you to make to get up a club? Figure it out yourself. Then when you get a reputation for having superior seeds, you can get other new things.

Go out and get a club of four subscribers at least, only 25 cents each, or get one subscriber for four years—$1.00. It's easy, very easy to get subscribers for UP-TO-DATE.

Read the page announcement in this number and read this "Personal" over again, then get the club for me. I want a boy in every family to help me. You want to make $25 to $30 this year, don't you, besides doing the most interesting work you ever did?

I really want to help you and I want you to help me.

Your truly,

J. A. Everitt

"Please mention UP-TO-DATE FARMING when writing Advertisers"

$19.00 More Profit On Your Hides
We Pay The Freight



YOUR cow and horse hides are worth big money. Send them to us, we pay the freight and we will make them into warm, comfortable fur coats for yourself or any member of your family, for 50 per cent less than you would pay for an ordinary cloth coat that lasts but a season or two. You can have your wife and children clothed warm this winter for very little money. If you don't want to use the coats yourself, you can quickly sell them to your friends and clean up 100 per cent easy, net profit. A fur coat like the cut will cost you $10.00. It is poor economy for you to buy a cloth overcoat when you can for 50 per cent less money, get a fur coat, warmer and guaranteed waterproof that will last many years. Keep yourself and family warm this winter. We tan any kind of wild and domestic skins and make them into furs or robes.

FREE with each cow or horse hide coat or robe made from hide furnished by you, we will make free for you a pair of fur knit-lined mittens with horse hide palms.

Send for new, handsome catalog which explains everything and learn about our money saving methods. Write today. **NATIONAL FUR & TANNING CO., 28 Arnold St., Three Rivers, Mich. Omaha Branch, 1929 S. 13th St.**

$3.00 The Family Grist Mill
Should Be In Every Home



Wt. 30 lbs

This little mill has a well deserved reputation as the best of its class. Hand power. Can be attached to table, bin or box. Grinds corn, oats, barley, coffee, etc. You can make your own corn meal and graham flour fresh every day. Just the thing for cracking grain for poultry. Capacity, 40 lbs. of coarse meal, or 25 lbs. of fine meal per hour. Made on honor and will wear a lifetime. **Price.....$3.00**

We received the Family Grist Mill, and find it as represented. Would not sell it at any price, if I could not get another. Our neighbors think it a grand mill, and you will get several orders from our town.
Mrs. A. F. Brown, Milton, Ill.

O. K. SEED STORE, Indianapolis, Indiana

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



A professor of the Indiana Experiment Station in a recent address laid the blame on city girls for drawing the young men from the farm.

—o—

A few days ago the Indiana Swine Breeders Association, meeting in Indianapolis, recommended the establishment at Purdue University (Indiana Agricultural College) of new courses having for their purpose the creation of a new interest in farm life.

—o—

The Indianapolis Star commenting on these statements said:

It is not what other people do, but what the farm folk do for themselves that will solve this problem and create greater content with country life. The girls and boys with an occasional glimpse of town life are fascinated by its seeming gayety and advantages, and, by contrast, find their own existence dull. Both young people and old are the better for a share of amusement and social intercourse, but it is not necessary to go to a city for it. It is within the power of farm residents to provide recreation for themselves.

We agree with the "Star." How the swine breeders hoped to create a new interest in farm life by new lines of education we do not know; but we believe farmers and their families must quit looking to other people to make the farm attractive enough to hold its people and cause others to turn to the farms more than to the cities.

—o—

In another article in this issue we said:

It is hard to get farmers out of the old ruts. We have found it so in every department of farm life. This is not because farmers are necessarily unprogressive, but it is because tne business of farming has so long been a business of routine—to plow, to plant, to cultivate, to harvest, to market; to market at whatever price some other person will offer for the stuff. It is no wonder that the farmers life grew into a routine.

—o—

"To market at whatever price some other person will offer for the stuff." In this one sentence is wrapped up the whole trouble. Change this and put the power **to price his own stuff** in the farmer's hands and a new interest **will be created** in farming and a new attractiveness attach to life on the farm at once.

—o—

Give the American farmers a sound system of marketing; one that will make their business as certain of profits as any other and the problem of the brightest farm boys going to the cities will be solved forever.

—o—

With such a system of marketing must come local organization and cooperation. Now the reader will begin to recognize what this paper has advocated for a long time and what it is actually putting into effect. But the surprising thing is that there is still a single country community without its organization for business and social advantages, and its own hall or building to house its business and social activities.

—o—

In olden days the "little red schoolhouse" was a social center for the country folks. There were constantly neighborhood entertainments being held, and there was then an element in farm life that does not exist now.

—o—

We are not pleading for a return to the school house entertainments, because they would not meet the requirements of a larger and more enlightened country life. But we plead, as we have done before, for a substitute that will meet the needs of a larger community, and that will merge the country and city, or town, life, as far as it is possible or wise.

—o—

Our plea is for a local union of the Farmers' Society of Equity and an Equity Hall at every town (or shipping station).

—o—

The union, using the established Equity System of marketing, will be the first step toward the sound marketing system we spoke of. We need hardly say that the Equity Hall will be the permanent business place for all the farmers who market their produce at that town and the office of their business agent—the secretary.

—o—

Such an Equity Hall as we have in mind was illustrated and described in our November 15, 1910, number. It hase a store room on the first floor, a meeting room on the second floor, a ladies' room, committee rooms, toilet rooms, etc., and should have rooms for the secretary's family to live in and his wife should have charge of the ladies' apartments.

—o—

A library and reading room may be a feature of the hall and the Equity Hall, centrally located and always open and comfortable to step into, would at once become the social and business center of the entire country community. And, we dare say, the town people would delight to mingle with the farmers and their families in their frequent gatherings, where, every day or evening of the week, they would be free to go, finding entertainment and meeting their friends.

—o—

Hundreds of Equity Halls should be built this year.

—o—

Contrast the business of manufacturing with farming. A company engaged in the former business has its agencies all over the country to promote distribution of its goods and secure satisfactory prices. Several agencies, representing different manufacturers of the same line of goods are usually in the same town and if the articles are sold to farmers, they pay all the expense.

But the farmer nas no buildings, or offices, or managers to help him sell his produce.

—o—

Or contrast farming with railroading. The latter have their stations every few miles over the country and one or more men in charge. Yet farming, the greatest and most important business of all has not a building, or office, or manager to facilitate the distribution. Farm crops are produced and just dumped. If the other people would not have more respect for them, and provide places to store them it's hard to tell what would become of them.

—o—

So we want to help the farmers to build an Equity Hall at every important shipping station and around it, in time, group warehouses, elevators, creameries, sometimes a small packing house, etc., so that the farmers can conserve their produce and distribute it to the demand like other successful people do. Also in their Equity Hall all the farmers and their families and friends can find wholesome entertainment as well as the hall will be used for the meetings and business of the union. Lectures, musical entertainments, debates, moving pictures, young people's theatricals, dances, etc., can be on the boards as often as desired. And this will all be in the town or city where the farmers have been accustomed to transact their business.

—o—

A few resourceful and energetic people in any community can establish such a business and social center that will be the greatest and most lasting benefit of anything that can be conceived.

—o—

The Farmers' Society of Equity and UP-TO-DATE FARMING will be glad to co-operate and instructions, blanks, etc., with building plans for the hall will be sent on request.

—o—

The first step will be to organize a local union of the Farmers' Society of Equity. To that end we call for volunteer organizers. As soon as a local union is organized it shall name the local organizer to get all the farmers into the local and organize others. When there is a local union at each important shipping station a meeting to organize a county union at a central point will be held and the county union shall name a county organizer. But all details will be sent on application.

—o—

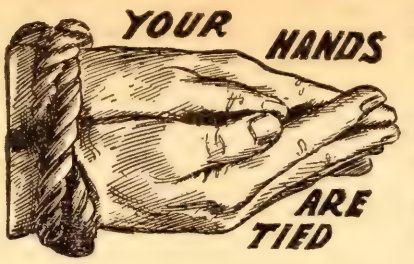
Provisions have been made to pay organizers of any class, liberally, and we will say that when a community is organized on this plan the expense of maintaining the organization, extending facilities to store and handle the crops, and employ organizers or managers, can all be included in the price of the produce and the buyers will pay it.

—o—

We can honestly say that the person who is responsible for organizing a local union of the Farmers' Society of Equity which will lead up to all the other good things enumerated, will deserve an everlasting monument in that community and will have it in the hearts of the people if not a marble shaft to commemorate the deed.

—o—

Fill out the blank below and send ti in now, for fear you forget it.



when you dump a little more of your crops than the real demand wants because the speculators then become your competitors in making prices. If there is five or ten million bushels in the exploiters' elevators it can be manipulated to make the price on hundreds of millions of bushels that farmers have out on the farms. Control a little more. Wipe out the visible supplies and farmers will positively have a monopoly on price making. See Personal letter on page four.

ARE FARMERS BUSINESS MEN?

ONE of the axioms of business is: "Every business letter deserves a reply." We, at headquarters, try to live up to this rule. Thousauds of letters are received from our subscribers and members on many different subjects. Some want advice about marketing crops, which we give, and we always request that we be informed if the stuff is sold in thirty days or not, so we may know whether later advice will be needed. But a great many of our correspondents do not acknowledge our letters, nor advise us what action was taken. As is customary in all well regulated business houses, we put all such letters in our extension system and they come up at regular intervals and other letters are sent, all in the interest of our correspondent and the Equity System of marketing. This is kept up through the season and we have cases where three or four letters have already been sent and not a word came back as a reply. Now here is the point—the farmer who neglects to do his part in correspondence, particularly when he is the beneficiary, is not a business man. A two-cent stamp, or a one-cent post card and two minutes of his time to say, "I followed your instructions and shipped my —— to——;" or, "I sold my —— to our local buyer and am pleased to say that when I showed him in your letter how much I could get by shipping to —— he raised his bid 5 cents a bushel;" or, "I have concluded to hold my crop a while, I will watch the market reports in our official paper and when I think I am ready to sell I will write you again for directions," would permit us to dispose of the matter entirely, or to extend it intelligently.

Then there are a great many people write to us and say, "I want free instructions how to organize a local union." We are very glad to get such letters and we always give prompt replies to them. All such letters go to Mr. Everitt's desk and if it is just a plain request he marks on the correspondence file card "Group E 1.". This group consists of a form letter which a stenographer writes and several pieces of printed matter. The letter and card then go to the mail clerk, who puts the letter and all the literature in an envelope and sends it out.

If anything out of the ordinary appears in the correspondent's letter Mr.

ORGANIZERS APPLICATION

The Farmers Society of Equity

Indianapolis, Indiana

The undersigned desires to become an organizer of local and other unions of the FARMERS' SOCIETY OF EQUITY in the following territory. .....

.....

in the State of .....

I refer you to the following as to my character, standing in this community and my ability:

1 *A Farmer's name and address* .....

2 *Business Man's name and address* .....

3 *A Professional Man's name and address* .....

Please forward terms, commission, instructions, supplies, etc. In event the terms are not satisfactory to me I will notify you at once. If they are satisfactory I will put forth my best efforts for the Society.

My name .....

Date ..... *Address* .....

RHEUMATISM

I Offer Prompt Relief to Every Sufferer Without Medicine and Without Cost.

Just Give Me Your Address

Don't take medicine for Rheumatism but send me your address at once and you will get by return mail a pair of **Magic Foot Drafts,** the great Michigan external remedy for Rheumatism, **TO TRY FREE.**

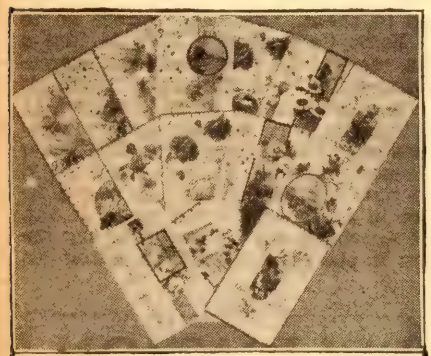


FREDERICK DYER, Corresponding Sec'y.

These Drafts have truly worked like magic for many thousand of sufferers from every kind of **Rheumatism, chronic and acute, muscular, sciatic, lumbago, gout, etc.,** no matter how severe. They have wrought wonderful cures after medicines and baths and all other means have failed, curing even after 30 and 40 years of suffering. Can you afford to let this offer go by? Don't delay but send at once. Return mail will bring the Drafts, prepaid. Try them, then if you are fully satisfied with the benefit received, send us One Dollar. If not, they cost you nothing. **You decide and we take your word.** Address Magic Foot Draft Co., HAI Oliver Building, Jackson, Mich. Send no money—just your address. **Write today.**



When writing to advertisers don't fail to mention Up-to-Date Farming.



15 BEAUTIFUL POST CARDS FREE

FOR unique design and rare beauty, there isn't anything to surpass these cards. They are lithographed in 12 to 14 colors, heavily embossed with pretty and appropriate words of greeting on every card. No two cards alike in the entire set. These cards are not for sale. I am giving them away to my friends. All I ask them to do is to send me six cents in stamps or coin, to help pay packing and postage. With each set of cards I enclose my extraordinary surprise offer: "How you may obtain a full package of 100 souvenir Post Cards containing cards for every occasion for just a little favor."

In this collection you will find cards to mail your friends for St. Valentine's day, George Washington's Birthday; also beautiful Flower Birthday Greeting and handsome View Cards. Just think -- a collection of 100 high grade Post Cards for a small favor.

Be sure to send for this set of Birthday and Greeting Cards, if for no other reason than to get my surprise proposition in detail. Fill in the coupon and mail it to me today, together with six cents in coin or postage to help defray cost of packing and mailing, and receive by return mail, this set of fifteen most beautiful Birthday and Greeting Post Cards, together with my big surprise offer **FREE**

J. R. WOLTZ, Publisher FARM LIFE,
1322 Wabash Ave., Chicago, Ill.
Send me by return mail, 15 Birthday and Greeting Cards. Be sure to enclose your big surprise offer when sending me these cards. I enclose 6c to help pay for packing and mailing.

NAME_____

TOWN _____

R. D. _____ STATE _____

Everitt dictates a personal letter. He also indicates on the card when this prospect is to come to him again. The days in the month set aside for handling such prospects are the 5th, 13th, 20th and 28th, and it is extended to one of these days. Other correspondence is classified the same way. Thus, each day of the month has its particular and peculiar kind of work.

But the point we want to make is that a great many of these correspondents never reply, even though we follow them up from five to ten times. How easy it would be for each one to reply promptly and say, "I believe I overrated my ability and it looks now as though I can not organize a local union;" or, "I am not quite clear on this point and my neighbors have asked me questions about it. Please give me further instructions;" or, "Please send me —— copies of —— number of the official paper, which I want to place with my neighbors preparatory to calling a meeting to organize;" etc. Such replies, which could have been written on a post card and sent for one cent each, would be appreciated, Oh, so much, at headquarters, and just think of the postage, stationery, and clerk expense they would save us.

You may say: why don't you cut out the follow up? Because notwithstanding the gross neglect and absolute indifference of a percentage of correspondents, it pays.

Our object in writing this is to plead with farmers to become business men in every sense that any other class of people are. The demands of the time are for you to be business men and one of the most important first steps is to answer every letter that calls for a reply, particularly if you started the correspondence.

THE TOBACCO GROWERS

The Burley tobacco growers of Kentucky and elsewhere had a great meeting at Lexington early this month. There was evidence of lessons having been learned by the growers and those who had heretofore refused to support the co-operatove movement freely confessed their mistake and were among the first and strongest to urge the new effort. There was a wonderful unanimity to support the pools that have been made and to raise no Burley tobacco in 1911.

We heartily sympathize with the tobacco growers in their efforts for co-operation in the control of their business, and anything we can do to ehlp them to success will be cheerfully done. But a brief and hasty study of the proceedings of the convention leads us to believe there are, perhaps, other lessons to learn; that there are possibly simple solutions to the problem that confronts them in common with all other farmers. There are elements in tobacco growing and marketing that do not enter into the growing and marketing of some other crops, we admit, but the principles that control one control all, and success depends on a knowledge of demand and supply and equity in price. The simplest way to obtain and apply this knowledge, and patriotic co-operation therein, is the surest means of solving the problem.

TALKS

By John Hoyt, Mgr. The Equity System.

It is no small disappointment to us when we give shipping instructions for produce and the party ignores them and ships to another market for the only reason that it is nearer to him and the freight was a little less. If the Equity System is to do what it has started for it is necessary that shipments be distributed according to the demand ,and not always sent to the nearest market or the biggest city.

—o—

When reporting crops to sell in the next thirty days always tell us what you can get for them at home. The purpose of the Equity System is to sell in the highest market. Sometimes the local market is the highest and when it is, we will tell you so and time, trouble and expense will be saved for all parties .

—o—

As near as you can judge, always give the true grade or class of your produce. Nothing will be gained by deception. When your shipment gets to the market it will be graded on its merits regardless if you call common stuff "choice." In future numbers we will print rules for grading different produce and we recommend our readers to clip out the rules and keep them handy for reference. But different rules apply in different markets, so we will not be able to present universal directions.

—o—

There is no crop easier to dispose of now than choice hand picked navy beans and medium bean; and vice versa, nothing harder to find a good market for than unpicked and off grade beans. Farmers are not so busy in the winter and they should hand-pick their beans rather than have them discounted to pay high priced city labor for doing it.

—o—

We repeat our advice to sack your potatoes whenever possible. Sacks can be obtained in most towns from dealers in farm supplies; or if not obtainable in your town, apply to a dealer in your nearest city. The cost should be from six to seven cents each, two and one-half bushel is the size.

—o—

Market potatoe gradually. If you have any in the cellars; or available to load now, order a refrigerator car and send some out. We do not look for much, if any higher prices in the spring with a possibility of lower prices.

CHANGES IN EQUITY MARKETS

Discontinued

Terre Haute, Ind., Grand Rapids, Mich., and Galveston, Tex. Other appointments will be made in these markets soon. In the meantime do not make shipments there.

Changes

Omaha, Neb., now A. N. Chaney Co. Address all correspondence and make all shipments to "The Equity System" in all markets where there are representatives.

An Essay on Meat

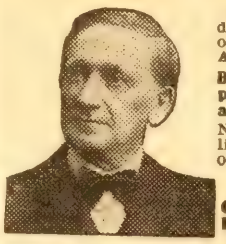
Meat! Meat! Meat!Meat!
Fat and juicy, red and sweet;
Jowls and cutlets, ribs and feet.
Froze by cold storage and broiled by heat;
Stored and battered where men compete,
Boomed and cornered like oats and wheat,
Made a treasure for them that eat;
Common chuck is a toothsome treat;
Two soup bones are a banquet neat—
Meat! Meat! Meat! Meat!
Baa and moo and a grunt and bleat;
Steak and sausage—their course is fleet;
"Price is dropping," the folks repeat,
Yet the butcher adown the street
Drops them not on his balance sheet.
So it thrums in an odd conceit
Like the drums with their rhythmic beat
Timing jaws as we chew and eat,
Paying bills that the clerks receipt—
Meat! Meat! Meat! Meat!

—Wilbur D. Nesbit.

The automobile owner, can, with little expense, keep his car up-to-date by keeping his equipment new. Many two-year, three-year and five-year cars are running as good as ever; kept so by always having good tires that save the wear and tare. Goodyear Tires are good tires. We ask our up-to-date auto owners to send for the Goodyear book "How to Select an Automobile Tire." It has information in it worth while. Drop a postal card today. Write the Goodyear Tire and Rubber Co., Thirty-fifth street, Akron, Ohio.

New Rupture Cure

Don't Wear A Truss



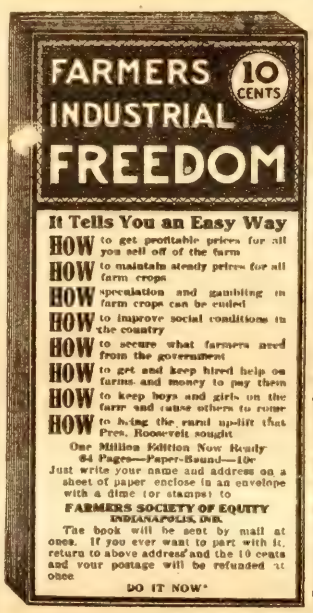
Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. **Binds and draws the broken parts together as you would a broken limb.** No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

CATALOGUE FREE

C. E. BROOKS, 3898 Brooks Building, Marshall, Mich.

SEND FOR THIS GREAT BOOK

If you are a farmer and have any business troubles read this book. We want to place a copy of this-volume in every farm home in the land. It is valuable beyond price, but we will send a copy to any person interested in solving the problems on the farm as shown on the title page, for only **10 CENTS.**



—— —— —— COUPON —— —— ——

Farmers Industrial Freedom

Farmers Society of Equity,
Indianapolis, Ind.
Enclosed is 10 cents for which send me the new 64 page book *FARMERS INDUSTRIAL FREEDOM* which explains fully the Equity System for farmers co-operation in marketing, how it will be established, how it will be operated and the benefit to be derived.

My
Name .....

My
Address .....

OUR COUPON

Our contest is every farmer's contest. You, subscriber, can help us and help yourself by sending the names of friends WHO RAISE CROPS TO SELL and who are farming to make good profits. We will send them a sample copy of UP-TO-DATE FARMING, and a letter. Send only heads of families.

Don't think that this will take the place of that club we are looking for from you. You better get **all your neighbors to subscribe,** and below send the names of acquaintances that you can't see. This is the way to start the movement for profitable prices **in all parts of the country at once.**

Write perfectly plain.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Ind.

NAME	R F D	POST OFFICE	STATE

.....Sender. .....Post Office. .....State

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



Minimum prices on other crops will be announced later.

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS—at Detroit .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$7.50@8.50
HOGS—At Chicago, per cwt...$7.00@7.50
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

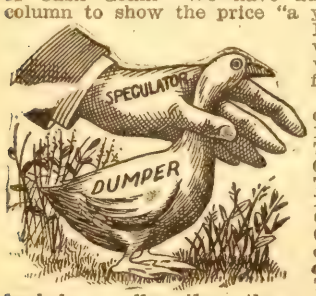
WESTERN RECEIPTS OF GRAIN

Comparisons Jan. 9,	A year before
Wheat, bu. 669,000	750,000
Corn, bu. 762,000	545,000
Oats, bu. 501,000	359,000

ADVICE

Hold wheat, corn, oats, beans, broom corn, hay, cabbage. Market gradually barley, cattle, hogs, cotton and potatoes.

WE want every reader to study the grain statistics below, very closely. Note that in our "Closing Prices of Cash Grain" We have added another column to show the price "a year before." Now this is what we want you to fully realize:



The crop of wheat in 1909 was 737,189,000 bushels. The crop in 1910 was 695,443,000 bushels, or the last crop was 41,746,000 bushels *smaller than* the one that preceded it.

We find that the visible supply from the last crop (the smaller one) was, on December 31, 55,189,000 bushels. We also see that the visible supply on December 31, 1909 (from the larger 1909 crop) was only 36,074,000 bushels. That was 19,115,000 bushels less than a year later. But this is the interesting thing: The cash price now, of the smaller crop, with the larger visible supply, is 98½@99¾c, while the cash price a year before, of the larger crop with the smaller visible supply was $1.25@1.26½; a loss on each bushel of wheat of 25 to 26 cents.

It is evident that farmers have practiced dumping more than season than the season before, and the question naturally arises whether, if the visible supply of wheat was down to 30,000,000 bushels or less, the cash price would not be as high as the year before? We are certain that it would be.

The comparisons of visible supplies of corn and oats, and the prices are fully as interesting. Prices of grain have advanced all along the line. We can not too strongly urge all our present readers to get their neighbors to subscribe for this paper so they can read this page. It is the best cure for the awful disease called "dumping," and every farmer cured of this disease makes for a healthier condition in that neighborhood.

The yield of potatoes in 1904 was 332,830,000,000 bushels. The highest December price for the 1904 crop was 38 cents and the lowest 32 cents. The highest May following was 25 cents and the lowest 20 cents. The crops were practically the same, but that does not prove that the spring prices will be duplicated because the consumption is greater now. However, we will continue our advice to market gradually.

We take the following table from "Wagner's Letter." It shows the production of leading food crops in the United States for five years:

	Wheat	Rye	Rice	Potatoes	Total Bushels	Cattle Sheep and Hogs Jan. 1, ea. yr.
1910	..695,000,000	33,000,000	24,000,000	338,000,000	1,090,000,000	152,000,000
1909	...737,000,000	32,000,000	24,000,000	376,000,000	1,169,000,000	160,900,000
1908	...664,000,000	31,000,000	21,000,000	278,000,000	994,000,000	161,000,000
1907	...634,000,000	31,000,000	18,000,000	298,000,000	981,000,000	160,000,000
1906	...735,000,000	33,000,000	17,000,000	308,000,000	1,093,000,000	150,000,000

According to this table our year of greatest production of these crops was five years ago and the production has been quite uniform ever since. The 1903 crop was all consumed, then why should we fear that there was overproduction in 1910 with 3,000,000 bushels less and an increase in population of at least 15 per cent.

Don't fail to notice that cash wheat is quoted in Kansas City; the center of production, at $1.04 and at New York, one of the centers of storage, at $1.00½. Significent, VERY SIGNIFICANT.

Figure for yourself: Population of the United States 93,000,000, consumption of wheat per capita, flour and seed, 6½ bushels. How much of the 1910 crop will be left for export and to hold on the farms?

The 1910 corn crop is estimated by the government at 3,100,000,000 bushels, which is only .07 per cent larger than the 1906 crop, while population has increased about 15 per cent in that time and we believe the legitimate demand for corn has increased more than 15 per cent. Very significant to the person who is wondering about the future price.

Value of good land has doubled since 1900, from labor has increased very much, machines cost more, taxes are higher—everything is higher. Question: Will farmers accept 1900 prices in view of all these changed conditions?

If this page is valuable to you send your neighbors' subscriptions so they can read it too.

The following figures tell the market story:

VISIBLE SUPPLY

The visible supplies of grain in the United States by Bradstreet's reports on December 31, 1911, with comparisons are shown in the following tables: (The sign —before figures means decrease, X means increase.)

	December 31, 1911 Bushels.	Change from two weeks before Bushels.
WHEAT	55,189,000	X1,476,000
CORN	8,824,000	X4,369,000
OATS	24,504,000	X 775,000
BARLEY	2,972,000	X1,022,000

COTTON—The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Dec. 30 1910	Dec. 23 1910	Dec. 31 1909
American	..4,285,979	4,100,225	3,900,316
Other kinds	1,013,000	937,000	1,069,000
Total ...	5,298,979	5,082,225	4,969,316

The total visible increased in two weeks 409,270 bales.

Price—New York, Jan. 9.—Middling Uplands, 14.90c; middling gulf, 1515c.

CLOSING PRICES OF CASH GRAIN

Cash grain closed in the leading markets January 9, two weeks before and a year before, as follows:

Chicago ..	99¾	94½@94½	$1.25@1.26½
St. Louis	1.03½	96 @97	1.32@1.32½
Kan. City	1.04	95 @96½	1.22@1.28
Cincin'ti	1.04		1.29@1.32
N. York	L1.00½	93 @98½	1.29@1.30

Minneapolis—Spring wheat, No. 1 hard, Jan. 9, $1.10; two weeks before, $1.03½; a year before, $1.15@1.16. No. 1 Northern, $1.08½@1.09½; two weeks before, $1.01¾@1.02¾; a year before, $1.15@1.16.

Corn No. 2 White

Chicago ..	47½@47½	47@47½		64½
St. Louis .	47	46		66½
Kans. City	44¾	42½		65
Cincinnati	47½@48			68@68½
New York	53¾	53½	72½@73	

Oats No. 2 White

St. L'uis	34½	32	49 @50	
Kan. Ct.	32½@33½	31 @32	47 @50	
Cincin.	34 @34½		48 @49	
N. York	40	38⅜	52½@54½	

FUTURE GRAIN PRICES

Chicago futures closed January 9, as follows:

WHEAT—Jan., 97¼c; May, $1.01⅜; July, 96½c. Two weeks before, 92⅜c, 96⅜c, and 93⅜c respectively.

CORN—May, 50c; July, 50¾c; Sept., 51⅝c. Two weeks before, 48¼c; 49⅛c, and 50½c, respectively.

OATS—May, 34⅞c; July, 34¾c; Sept., 33⅞c. Two weeks before, 31¼c and 34¼c, respectively.

CHICAGO PRODUCE MARKET

January 9, 1911.

NOTE—Our readers should not take the Chicago market as the best in the country because we use it for our quotations. It is a great market but is serves our purpose as a basis for comparison, rather than as a criterion of what produce will bring. It may be strange, but it is true, that the largest and most conspicious markets are usually the lowest. We suppose this is because they attract shipments because of their logical position and well known great consumption. The chief purpose of the Equity System is to direct shipments to the highest market, but not necessarily the greatest.

POTATOES—Arrivals by cars, with comparisons, follow:

	This week.	Last Week.	Lastyear.
Monday .....o..		o..	x112
Tuesday	85	52	56
Wednesday ...	49	37	16
Thursday	18	34	25
Friday	13	61	6
Saturday	19	36	21
Total, 6 days	184	220	236..

o Holiday. xTwo days.

A firm feeling prevailed. There was not enough fancy stock offered the morning of the ninth to supply the trade, but dealers look for more receipts later in the day. The ordinary to good rates met with just a moderate demand. Receipts have been light for several days, and the supply on track is well reduced.

The market was quotable as follows:

Per bu. Michigan, round, white, common green to good	$40@ 43
Really nice, ripe	45@....
Wisconsin, immature, frozen stock (small or large and hollow	35@ 40
Very poor and frozen down to	30@....
Fair to good	41@ 43
Fancy round, white	45@....
Kings, fair to choice	38@ 41
Fancy possibly up to	43@....

NEW POTATOES—Bermudas are in good supply and slow. Quotable:

Barrels, Bermuda, good size ..	$6 50@....
No. 2 small	5 00@5 50

The price of old potatoes is about the same as two weeks before; new potatoes 50c to $1.00 a barrel lower.

HAY—Supply liberal and demand fair. Market steady.

Choice Timothy hay	$17 50@18 50
No. 1 Timothy	16 50@17 00
No. 2 Timothy	14 50@15 50
No. 3 Timothy	12 50@14 00
Kansas and Oklahoma Prairie choice	14 50@ 15 00

The price is about $1.00 a ton higher on timothy hay than two weeks before.

BROOMCORN—There is not much doing, nothing important. Demand is very tame.

Price—Choice $130@140 a ton; medium, $110@120; common, $90@100 a ton. The price is the same as two weeks before.

BEANS—A steady to firm feeling is maintained. Late advance in prices holds. Demand is very fair for the different kinds. On the open market there are no offerings to speak of noticed. Dealers report fair supplies excepting of Red Kidneys, which kind are very scarce.

Pea Beans—	
Hand picked, choice	$2 15 @2 18
Good but not strictly hand-picked	2 05 @2 10
Off grades	1 95 @2 00
Mediums nominally about same as Pea Beans.	
Red Kidneys	3 50 @....
Soft and damaged	2 75 @....
Brown Swedish	2 50 @2 60
Limas, California, per 100 lbs	5 87½@6 00
Rain stained	5 37½@5 50

The price of Pea and Medium beans is about 8c a bushel higher than two weeks before; Red Kidneys about 75c a bushel higher and limas about 40c a bushel higher.

APPLES—The weather has moderated and some little improvement in trade is quoted. Market at the same time rules rather quiet. There remains a good, strong tone to the market, especially for barrel apples. They are firmer than boxes. Supply of latter is reported as quite liberal.

In the descending order of grades from fancy to choice and No. v there is a discount of 50 to 75c for each grade per barrel.

Barrels—regulation size—Baldwins, New England, No. 1, $3.50@4.00; No. 2; $2.50@2.75. New York, No. 1, repacked, $3.75@4.00; No. 2, $2.50@2.75. Pippins, all kinds, No. 1, $3.50@3.75; ordinary quality, $2.50@3.25. Greenings, fancy cold storage, $5.00. Wine Saps, No. 1, $3.75@4.00. Talman Sweets, $3.25@3.50. Grimes Golden, choice, $4.00. Ben Davis, No. 1, Missouri, $3.50@3.75; New York, No. 1, @$3.50. King, No. 1, $4.00@4.50. Jonathan, good, $4.00@4.50. Wagners, $3.25@3.50. Spies, No. 1, $4.00@4.50; Fancy, $5.00@5.50. York Imperial, No. 1, $3.50@3.75. Rus-

Change from a year before	Change from 2 years before	Change in same period last year
Bushels.	Bushels.	Bushels.
X 19,115,000	—8,651,000	—2,966,000
— 4,538,000	—4,308,000	X 4,708,000
X 8,172,000	X 7,973,000	X 1,480,000
— 2,136,000	—5,010,000	— 984,000

IN YOUR OWN INTEREST I advise you to read every word in this paper. It will cost you nothing but a little time. After you have read it just decide how you would like to have it weekly. All we ask is enough renewals and new subscribers, appreciation, to decide to make it weekly,

Market No More Crops the Old Way The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each subscriber of Up-to-Date Farming, or member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work on them. In a few days after you mail the blank, below, you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is now free for a short time to SUBSCRIBERS whose time is paid in advance as well as to MEMBERS.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R..... Shipping Station..... State.....

Are you a member of F. S. E.....Are you a paid in advance subscriber to Up-to-Date Farming.....Jan. 1 191



25c Value for 8c

Collar or Cuff Pins, in Solid German Silver or Roman Gold Finish, hand burnished, 25c. Send addresses of five ladies and we will send you a set of these beautiful pins for four 2c stamps. Write today.

BEST SILVER CO., Dept. A5 83 Chambers St., N. Y.

PERFECT HAIR If you have lost or are losing your hair, if troubled by dandruff or gray hair, let us send you large illustrated Treatise, FREE. Koskott Laboratory, 1269 Broadway, 434 C, New York, N. Y.

Don't Wear a Truss

FREE



STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

TRIAL OF PLAPAO Address—PLAPAO LABORATORIES, Block 59, St. Louis, Mo.

sets, No. 1, $3.50@3.75; No. 2, all varieties, good to best, $2.50@3.00.

The price is the same as two weeks before.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

Monday	....o	x	3,661
Tuesday	1,412	1,614	4,362
Wednesday	.3,256	4,149	2,582
Thursday	...1,250	1,979	2,540
Friday	1,814	2,065	2,687
Saturday	... 1,253	1,905	1,681
Total	8,985	11,712	17,513

oNew Years. xChristmas.

Receipts, April 1, 1910 to Jan. 7, 1911, 2,775,279 cases.

Receipts April 1, 1909, to Jan. 8, 1910, 2,816,196 cases.

Receipts April 1, 1908 to Jan. 9, 1909, 2,617,879 cases.

Dealers are working along more cautiously. The milder weather is accountable for this. Larger receipts are expected of fresh eggs and this makes buyers more reserved in their operations and inclined to confine purchases to supplying immediate wants.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned, 24½@26½c, depending on quality.

Ordinary Firsts quotable at 28c.

"Firsts" quotable at 30c per dozen.

"Prime Firsts" quoted at 32c.

Checks or Seconds quotably 15@17c.

Dirties quotably 18@20c per dozen, according to quality.

Refrigerator eggs are quotably firm. No official quotation given. April Extras quotably 22½@23c, and April Firsts quotably about 22@22½c.

The price is 1@2c higher than two weeks before. Shipments of strictly fresh eggs to the Equity system at New York last week sold at 55 cents a dozen. We mention this for the sake of comparison.

This column is for members and subscribers. Use it to ask any questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *My son is a subscriber to* UP-TO-DATE *and we both look forward anxiously for its arrival. I did not produce anything to ship this season, but I will next. There is a great quantity of alfalfa hay here to sell, but there don't appear to be any market. Can you help my neighbors.—R. E. Williams, Lion Falls, Idaho.*

ANSWER. Report the alfalfa hay to the Equity System, Minneapolis, also St. Paul, Minn. Also if any of our readers are in need, correspond.

Q. *I note your recommendation to always put potatoes in sacks, when possible when shipping to the Equity System. Now please tell me where the sacks can be obtained.—John W. Sherwin, Cedar Springs, Mich.*

A. The sacks should be size to hold 150 pounds, 2½ bushels. Dealers in farmers' supplies usually handle them in all towns from where potatoes are shipped. But if you do not find them in your town send to a nearby city. They should be obtainable at $6 to $7 per 100. Potatoes shipped in sacks always sell for enough more to pay for the extra expense and usually a margin besides.

Q. *I called a meeting to organize a local union and had a good turn out. I would have organized but some person sprung the question, whether the annual dues would be raised above $1.50 a year in the future. The farmers here were caught about ten years ago in some scheme and they are cautious. If we have assurance that the dues will not be raised I can organize.—M. H. R., Elizabethtown, Pa.*

A. While no person can say positively what may be done about the annual dues to the Society in the future, I will say that every reason is against any advance. On the contrary, as the Society increases in membership I can imagine the dues may be decreased. For instance, when the Society has one million members if $1.00 is paid in by each member it will amount to a very large sum. The Society is not for profit, it never can declare any dividends and the incentive to raise the fee or dues like would exist if somebody was drawing dividends is absent.

The dues surely will never be increased, but may be reduced.

Q. *Dear Editor: We want a renter for our farm in Ramsey county, N. D. There is 720 acres in all, of which about 500 is cultivated annually, about 300 acres of wheat, oats, barley, flax and corn. We furnish each kind of seed. Pay half total threshing bill and get half each kind of grain. Farm is nine miles from county seat, two good market towns distant from farm four miles. Have tried advertising for renters, but get no results. What can you do for one of your life subscribers.—V. Murphy, R. R. 4, Box 20, Devils Lake, N. D.*

A. I will print Mr. Murphy's wants here, will be glad if he secures what he needs and thus make two of my friends happy.

Q. *Please give price on song books for use in our local union.—Jerome C. Spranke, Secretary Chestnut Ridge local union, Punxutawnly, Pa.*

A. I regret that we have not got a song book to offer you now. The writer compiled a lot of songs some years ago, had music set to them and gave the book to the old society. It is gone as are all the other good things of that society. The Farmers' Society of Equity will publish a song book soon and in the meantime we will try to print a song in each issue of the official paper. Preserve them and you will soon have a splendid collection.

Q. *Please give me the address of people with whom I can correspond about selling broom corn. I also want instructions about preparing the brush for market, as it is comparatively a new crop in this section.*

A. Write to the representatives of the Equity System. We enclose directory (E 36). Write to Orange Judd Co., New York, for catalogue of rural books and select the one you need. It is a subject that can not be handled in a letter or through our paper.

Q. *The Equity System at Austin, Texas, wants to buy Bliss Triumph seed potatoes.*

Going to get a new buggy or carriage Co., 360 E. Fifth St., Cincinnati, O. Send this year? You can save money and get quality from the Wilbur H. Murray Mfg. for their 1911 free catalogue.

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

DEAR EDITOR:

I send a club of new subscribers to your valuable paper. I am glad to do this to aid you in the noble cause you are working and striving so hard for. I hope your cause, which is mine too, and all farmers', will prosper. May success crown your efforts, is my earnest wish.—Edward Joscelyn, Wamsley, N. Y.

DEAR EDITOR:

I send my renewal for five years. UP-TO-DATE FARMING is the most valuable paper ever published and I feel lost without it. I tried to send you a club of subscribers but did not succeed in getting them here where nearly everybody was poisoned by the old A. S. E. in its new role. Everything that a few years ago promised the greatest blessings to us farmers has been undone here. My hope is that you will be able to extend the circulation of our paper to the end of the world.—Louis A. Kurth, Eau Clair, Wis.

DEAR EDITOR:

I send you herewith a club of subscribers. These are the names of some of our best farmers and I know they will appreciate your paper and the great effort you are making in trying to help the farmers to get right prices for their produce. By following the advice in UP-TO-DATE I got nearly as much again for my apples last fall. I got $1.00 per bushel f. o. b., here, while some of my neighbors sold to the speculators at 80 cents per 100 pounds.—G. M. McElroy, English, Ind.

PRESIDENT F. S. E.:

I have carefully perused the literature you sent me and now I say, for the life of me I can not see why all the farmers don't take to this proposition.

Because of his failure to properly organize, the farmer has been his worst enemy; and it is high time that he stepped out in the light of liberty and prosperity. No political party, no religious organization, will ever give the farmer that which is lawfully his. I believe in teaching farmers to save their souls, but I have a belief paramount to that—teach them to prosper and avoid the grafter. As you are more successful in your endeavor to reach a man's heart, when his stomach is full; so will you be more successful in your efforts to interest a man in his soul's salvation when prosperity is at his door. I can not see how it is possible for a farmer to sing "Praise God from whom all blessings flow," when he is owned body, boots and breeches by a gang of grafters whose interest in him is similar to that of the fox for the chicken.

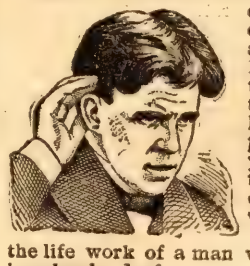
The churches have set apart Children's day, Mothers' day, Rally day, etc., and these are all right, but which of the churches ever dreamed of having a Farmers' day? The man upon whom millions depend for sustenance is signally ignored. It is not absolutely so, but it seems to be a preconcerted plan to put a bee in the farmer's hand every time he extends it, whether in appeal or welcome.

No slave is really happy, and it is unquestionably true that the farmer has been a slave to the market manipulator.

Were Jesus Christ to travel our earth today as in days of yore, he would say to the founder of the Farmers' Society of Equity—"Well done, good and faithful

Helps Poor Hearing

Here is a wonderful little device which has enabled thousands of deaf persons to again hear perfectly. Cunningly contrived to fit *inside* the ear, it is absolutely invisible. It puts you back to your old place in the world—breaks down the terrible wall of silence.



This invention is the life work of a man who for years was hopelessly deaf.

Purely mechanical, it is actually a "*listening machine*" that magnifies and focuses the sound waves on a central point on the natural drum. With it the deafest person can hear even whispers. You can again enjoy the theatre, music, church services—and best of all, the conversation of your family and friends.

Write Today for "Experience Book"

Free to you, it gives the testimony of 400 persons who have been released from the awful isolation of deafness by this simple mechanical device. Just write your name on a postal and the book will be delivered to you, postage prepaid. Mail it today. WILSON EAR DRUM COMPANY, 245 Todd Building, Louisville, Ky.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

THE BUSINESS EXCHANGE can be made the most valuable department in UP-TO-DATE FARMING. It can be made the medium of sale for surplus crops and as valuable to buyers to supply their needs. It should be used to a much greater extent than it is and thus one of the missions of this paper will be accomplished.

Agents Wanted

AGENTS; 100 PER CENT PROFIT. New combination tool; 15 in one. For farmers, mechanics, plumbers, electricians, autowners. Thomas Mfg. Co., 482 Third St., Dayton, Ohio.

LADY OR GENTLEMAN, fair education, to travel for old established house. Salary, $12 per week to start. Expenses advanced. Geo. G. Clows, Dept. F, Philadelphia, Pa.

WHY STAY AT HOME when you can earn $100.00 to $150.00 monthly selling Scriptural Flower mottoes. Retails quarter. Samples 3 for 40c, 6 for 75c, 12 for $1.00 postpaid. F. H. Anderson, 1864 N. Leavitt, Chicago, Ill.

Clothing

WANTED, every man in your locality to send for particulars of our $5.00 clothing bargains. Economy Clothing Co., Lakeview, Mich.

Farm Lands For Sale

BALDWIN COUNTY ALABAMA. Farm lands and improved farm around Foley and Summerdale for sale cheap. Get my booklet describing lots and farms at Orange Beach Alabama on beautiful Perdido Bay. D. R. Peteet, Foley, Ala.

TEXAS SCHOOL LANDS $1.50 to $5.00 an acre; 1-40 cash, balance 40 years; some don't require residence; good land. Write J. J. Snyder, Dept 27, Austin, Tex.

CUBA. Most productive soil. Delightful and healthful climate. Ample rainfall. Cheapest transportation facilities to the world's greatest markets. Particulars free. Sanderson, 70 Palace Bldg, Minneapolis.

MICHIGAN FARMS, all kinds and sizes, $8.00 acre and up, easy terms. Catalogue free. Kouw & Co., Holland, Mich.

104 ACRES in Washington Co., Ind., good, highly productive land, well improved, new 9-room house, good out-buildings, big apple and peach orchard, R. F. D., telephone; on improved highway. Near school and church; two miles from town. bargain at $50 per acre. Write me; I am owner, not agent. Samuel Batt, Smedley, Ind.

OWNER WILL SACRIFICE a 60-acre unimproved farm in Washington Co., Ala., near Miss. line, right on railroad. One mile from town. Best land in the country for truck raising, tobacco, corn and potato growing; will produce three and four crops a year. All good high land; no swamps; no stones; no blizzards; no long freezes. Land right next to this and no better in any way is selling right now for $25.00 an acre. Will sell at a big sacrifice for quick all cash deal. Write for particulars. J. B. Fentony, Indianapolis, Ind.

TEXAS IS SELLING good lands $5.00 per acre up; 1-40 cash, balance 40 years; some don't require residence. Write J. J. Snyder, Dept. 27, Austin, Tex.

"TRIPS TO HOMESEEKERS" is free to all except "Suckers." Hesitate and investigate before you imigrate. Sec. Scott Co. Development Association, Waldron, Ark.

Farms Wanted

FARMS WANTED—Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 71 Palace, Minneapolis, Minn.

TO SELL your property write Northwestern Business Agency, Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

PREMIUMS FREE—Send names and addresses of ten heads of families and receive premiums. Enclose 5 cents for catalogue. Guy W. Mayberry, Newberry, Ind.

RICE, NEW CROP. 100 pounds beautiful, clean, white table rice in double sacks, freight prepaid to your railroad station, $3.85. J. Ed. Cabaniss, Rice Farmer, Katy, Texas.

Male Help Wanted

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet. 839A. No obligation. Earl Hopkins, Washington, D. C.

WANTED—RAILWAY MAIL CLERKS; city carriers, postoffice, customs, internal revenue employes. Average salary about $1,100. Short hours; annual vacations. Common education sufficient. Send your name immediately for schedule showing places of coming examinations. Free coaching. Franklin Institute, Dept. F 27, Rochester, N. Y.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS AND PATENT POSSIBILITIES, a 72-page treatise sent free upon request; tells what to invent and where to sell it. Write today. H. S. Hill, 908 McGill Building, Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

ELMER GIMLIN, Taylorville, Ill., White Wyandotte specialist. Winner at Illinois State Fair, St. Louis, Mo., and Illinois State Show, 1909. Eggs $1.00 to $10.00 per 15; $5.00 per 100. Stock, $2.00 to $25 each. Catalogue free.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs, Catalogue 2 cents. Missouri Squab Co., St. Louis.

NARAGANSETT, Bourbon Red, White Holland, Mammoth Bronze Turkeys. S. Durigg & Son, Armstrong Mills, Ohio.

Produce Commission Merchant

TAKE NOTICE—T. J. Hoover, Phila., Pa., sells poultry, eggs, apples, potatoes, onions, cabbage, carloads and less.

Situation Wanted

HOLLAND EXPERIENCED TRUCK and fruit farmer wants position on farm. Address R. P., care UP-TO-DATE FARMING, Indianapolis.



NEW 1911 PATTERN

Signet Rings, just like illustration, warranted to wear. Initial engraved FREE. One sample ring by mail, postpaid, 10c

BEST RING CO., Dept. B.O. 83 Chambers St., New York City.



1. *Farmer Orchardson*—"Good-bye, my child, good-bye. May you find fortune in the big city."—JUDGE



2. *Mr. Middleman*—"Allow me, Mrs. Consumer, to introduce one of my first friends from the country. I gave him his city polish." *The barrel*—"Yours truly."—JUDGE

servant, enter thou into the joys of thy Lord—Inasmuch as ye have done it unto the least of these, ye have done it unto me."

I will devote a part of the coming year to Equity work; and if necessary, will resign my pastoral work for a year, to help the farmer escape from the ruinous grasp of the grafting market manipulator.

I am a son of the soil, having been raised on an up-to-date Kentucky farm. For the above reasons I am interested in seeing every farm and farmer up-to-date with an up-to-date market.—Rev. E. Patton, Mendon, Mo.

PRESIDENT F. S. E.:

I have been a reader of UP-TO-DATE FARMING for some time and am in full sympathy with its views, however, I am like a good many other farmers. I would like to see a partial demonstration. For example, I have three or four tons of broom corn for which I can find no market worth while. I am told that the broom corn factories are all crowded with brush and the buyers at Mattoon say they are crowded and going to lose money on their stock. What is your opinion in this matter? Can the Society of Equity help me in any way?—John J. Sudkamp, Sigel, Ill.

(You are referred to an article on broom corn in this number. The Farmers' Society of Equity can help growers to market direct to the large city markets, through its Equity System. There the MARKET PRICE prevails. If the broom corn growers would organize as we have preached for years, they could help themselves, but we can not help them much more than as stated above, while in an unorganized condition.—Ed.)

DEAR EDITOR:

The people out here are awfully blue over the price of corn. The crop in this part of Kansas is small, yet we can sell here for only 38 to 40 cents. There is no money in the crop at this price. There are lots of complaints amongst all classes of people about the changed conditions brought about by the lower prices. I have been distributing copies of UP-TO-DATE among the people and will try to organize them. All who I have seen are well impressed with the Equity System of marketing. The old way of selling is a shame and then think of the prices we must pay for what we buy. I believe if farmers pull against co-operation much longer they will all be gobbled up and bound hand and foot so they can not fight for their independence. You will find $1.50 for my 1911 dues.—G. W. Karns, Pelva Kas.

PRESIDENT:

I enclose with this the required amount, $1.00, to make me a member at large of the Farmers' Society of Equity. I want my example to be followed by my neighbors; but I reckon they will need some education first. That means that they must read our official paper. So please send me some sample copies and I will see that they are wisely distributed. It is my intention to co-operate with you in this great movement to lift up a great class of our people.—Joseph Rouselot, Sunnyvale, Cal.

Opening Ode for Local Unions

By B. A. Webb

Tune—"Light is Breaking."

The dawn of light is breaking,
The darkness disappears,
The sons of toil are waking
To drive away its fears.
Let all be up and working
With all their might and main,
To make our union lasting
And all the youths to train.

The work is now before us all;
Let's up and at it strong.
Let not a member falter
To push the work along.
Let every one unite
With shoulder to the wheel,
And carry the heavy load aright
That all may happy feel.

When to our homes we do return,
Our hearts are light and free,
To know we have our honors earned
And made our brothers see.
Come brothers, sisters, all,
United we stand.
Come heed our leader's call
And make a firm, strong band.

Closing Ode for Local Unions

By B. A. Webb.

Tune—"Auld Lang Syne."

Come, brothers, join, our work is done,
And ever bear in mind
(Repeat)
That Equity and Justice won,
We consolation find.

Let each and every one abide
By co-operation done,
(Repeat)
And kept sweet Equity by his side
And make a happy home.

One of the oldest, if not the oldest, incubator manufacturers is the Geo. Ertel Co., 139 Kentucky St., Quincy, Ill. They make Victor incubators and brooders. Send for new 1911 catalogue.

APPLICATION FOR MEMBERSHIP

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R.*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

I further agree to attend the meetings of my local union, (when a member of one) to assist in its programs, to talk, praise and promote the Society, by voice, pen, the wearing of the official button and distribution of literature, as may be convenient, to its upbuilding throughout America.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date; pays for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?..... *Will you try to Organize a Local Union?*.....

Name of Your Shipping Station .....

To Introduce Our Big New

Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.



A Kansas Farmer Counting Stock Twenty Miles Away

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

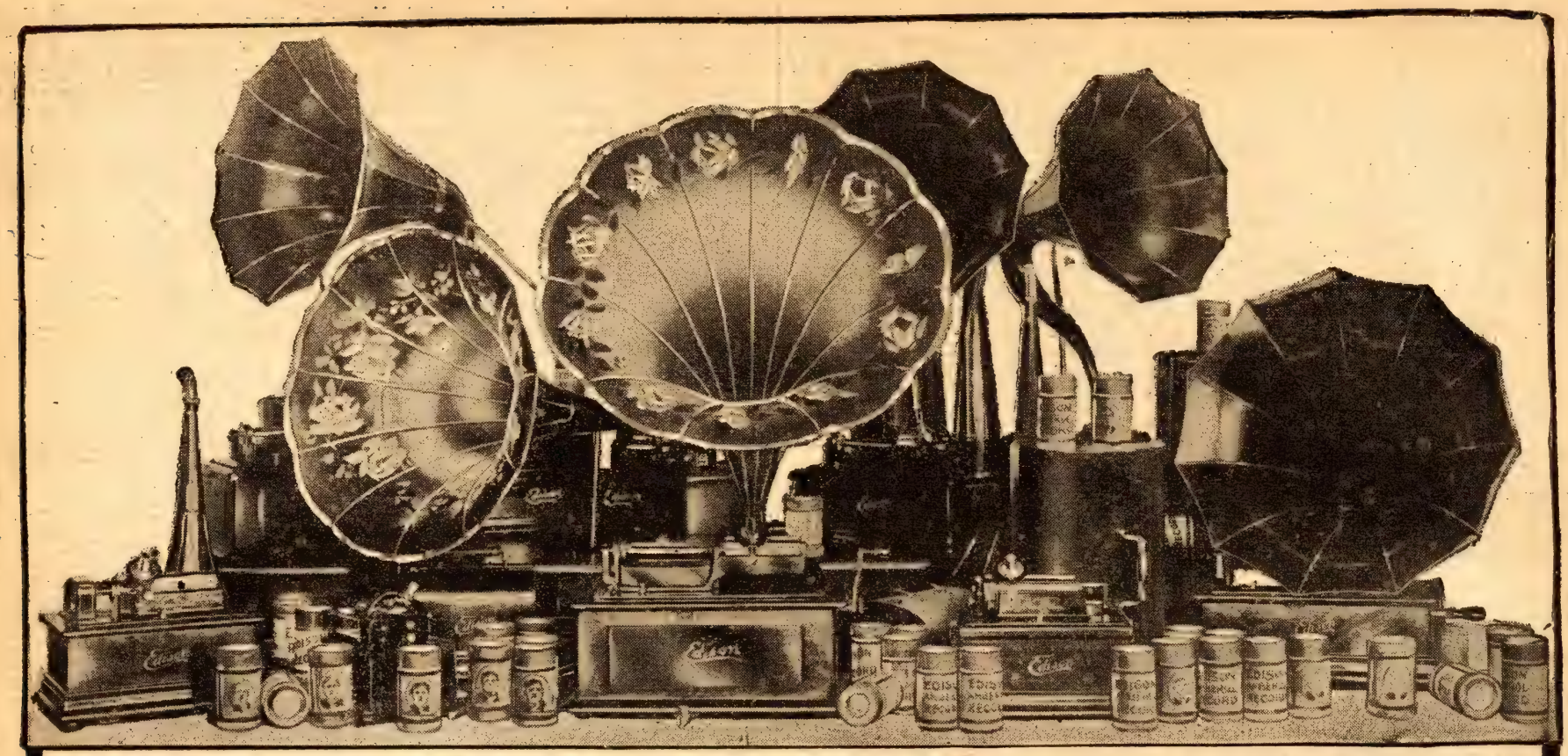
PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

.....

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.
Name .....

Address .....



YOUR CHOICE OF ANY OF THESE EDISONS

FREE!

Yes, FREE Shipped positively and absolutely free. You do not have to pay us a single penny either now or later. We don't ask you to keep the phonograph—we just ask you to accept it as a free loan. We do not even ask you for any deposit or any guarantee, not even any C. O. D. payment to us. All we ask is that you tell us **which** of the magnificent Edison outfits you prefer so that we can send that one to you on this free loan offer.

Just Take Your Choice You Don't Have to Buy Anything

Get any of the outfits shown above—your choice of records, too. **Simply get the phonograph and the records and use them free just as though they were your own.** Entertain yourself, your family and your friends, too, if you wish, with everything, from the catchiest, newest popular songs, side-splitting minstrels and vaudeville monologues to the famous grand operas, **Amberola** and other records sung by the world's greatest artists. Hear all this to perfection on the Edison Phonograph. After you have had all this entertainment absolutely free, then you may simply send the outfit right back **at our expense.** Now, if one of your friends wishes to get such an outfit tell him that he can get the rock-bottom price, and if he wishes, on payments as low as **$2 a month without interest.** But that's not what we ask of you. We just want to send you your choice of the latest style Edison Phonograph **free**—your choice of records, too, **all free**—then we'll convince you of the magnificent superiority of the new style Edison. It will cost us a little in express charges to get the phonograph back from you—that is true—but we'll feel amply repaid for that, knowing that we have made you a friend and a walking advertisement of the new style Edison Phonograph.

FREE COUPON

Send Coupon for New Edison Books FREE Today

F. K. BABSON
Edison Phonograph Distributers
Dept. 3651, Edison Block, Chicago

Without obligations on me, please send me your great Edison Catalogs, and also full explanations of your Free Offer on my choice of a new style Edison Phonograph.

Name.....

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Address.....

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No letter necessary; just sign and mail this free coupon right NOW. TODAY.

Get our handsome Free Edison Catalog and list of over 1500 records so you can select just the machine and the songs, recitations, etc., you want to hear on this ultra generous offer. Remember, there is absolutely **no obligation** on your part at all. All you need to do is to return the outfit at our expense when you are through with it. If you enjoy good music, and the finest and most varied entertainment that it is possible to imagine, or if you want to give your family and friends a treat, such as they could not possibly get through any other means, then you should certainly send the Free Coupon to-day. Don't wait—your name and address on a postal will do, but the coupon is handier. No letter necessary. Be certain to write while the offer lasts. Better write to-day.

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Dept. 3651, Edison Block, Chicago

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CANADIAN OFFICE: 355 Portage Avenue, Winnipeg, Canada

Pass This Paper to Your Neighbors : Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV **FEBRUARY 1, 1911** **Number 3**

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Up-to-Date Farming

PUBLISHED TWICE A MONTH

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J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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The Farmers' Strike

At The End of The First Month The Farmers Strike for More Equitable Prices Shows Gains for all Crops

Comparative Prices

	CHICAGO	ST. LOUIS	KANSAS CITY	NEW YORK
WHEAT:				
Dec. 24, '10	.94	.97	.96	.98
Jan. 21, '11	.99	$1.03	$1.03	.99⅜
CORN:				
Dec. 24, '10	.47	.46	.42	.53½
Jan. 21, '11	.47	.46½	.45½	.51¼
OATS:				
Dec. 24, '10	.33½	.31	.31	.38¾
Jan. 21, '11	.34	.34	.32½	.39

Some farmers, we have heard of a few of them, are inclined to speak disparagingly of our efforts and they say that what we are trying to do "can't be done." They mean that when we advise our readers to refuse to sell their crops at the speculators' prices, and that they will be higher, that the prices will not be higher: they mean that a great number of farmers getting the same reports about markets, the same advice about marketing, and all having the same price to ask, will be powerless to influence prices.

It is not our intention to take credit for more than is due us, in fact we prefer that our readers will blow our horn rather than ourselves. But let us ask the doubting Thomases; "have the holders of wheat who took our advise a month ago benefited by it or lost?" And how about the corn grower, and oats grower, and the farmer who has potatoes to sell?

Wheat has advanced 3 to 7 cents a bushel; corn has advanced over 3 cents at Kansas City—a center of production; oats has advanced in all markets from a fraction of a cent to 3 cents a bushel, and potatoes are from 3c to

(Continued on Page 7)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

This Big Labor-Saving Machine Sent on FREE Trial

Freight Prepaid--Guaranteed 10 Ye ars

SEND back the coupon at the bottom of this advertisement and get full particulars of my free trial offer. I will send right to your farm, freight prepaid, without money or red tape, the wonderful labor-saving Luther Farm Special Tool Grinder—with 12 different attachments— for 10 days' free trial.

If you do not want it after you have sharpened your axes, discs, cultivator blades, saws and all your farm tools, you can send it back and I'll pay the return freight too. **I MAKE THIS LIBERAL OFFER TO PROVE TO YOU HOW NECESSARY THIS REMARKABLE LABOR-SAVING TOOL GRINDER IS ON YOUR FARM.** And to show you the marvelous sharpening power of Carborundum, the sharpening substance that makes the Luther Grinder so wonderful and prove how it will sharpen and brighten the dullest tool or implement you have.

I want you to see how this marvelous sharpening substance will not draw temper from steel, how different and a thousand times better the Luther Grinder is than the old back breaking grindstone. How you can do in two minutes what would take a half hour's work with the grindstone or emery wheel, and how this wonderful grinder makes all your farm work easier.

Luther Farm Special Tool Grinder

25 Times Faster than Grindstone—6 Times Faster than Emery. Sold Under 10-Year Guarantee—Half Million Now in Use.

This wonderful machine is now on half a million farms and should be on yours, because it insures sharp, bright tools all the time. It will sharpen your sickles, shovels, blades, plow-shares, axes, knives, cultivators, scythes, and any farm tool or implement.

Saves Time, Work and Money

Every up-to-date farmer appreciates that sharp bright tools are a necessity to successful farming—no one can be expected to do good work with dull tools. And when you consider how little the Luther Farm Special Tool Grinder costs—no hore than one week's pay of a hired hand—and that it's on the job for a life time, no progressive farmer can afford to be without it.

Luther Farm Special Tool Grinder is a great time and money saver. You can do all the farm work quicker and easier because your tools are sharp and in the actual process of sharpening them you can easily do in a few minutes what would ordinarily take you half an hour, with the old back-breaking grindstone. You can take your rustiest, dullest old tools and make them like new in a minute or two. There is no water necessary and no fear of drawing the temper from the steel. The Luther Farm Special Tool Grinder, with the new adjustable tool holder, is so simple and easy to operate that a fifteen year old boy can do your most difficult grinding. Just get into the seat and pedal away.

World's greatest known sharpening substance

Carborundum

Will not draw temper from steel

You all know about Carborundum, the most wonderful sharpening substance the world has ever known; the diamond only rivals it for hardness. It is made of artificial diamond crystals, created in the most terific heat of mammoth electric furnaces at Niagara Falls, which fuses the elements of real diamonds into hard, sharp Carborundum crystals.

In this teriffic heat—beyond the measurements of science, in which fire brick melts and runs like butter, Carborundum crystals get a temper and sharpness that cuts the hardest steel, as emery would soft copper. Carborundum sharpening is done without fear of drawing temper from the tools or the necessity of cooling with water.

The heavy pressure necessary with grindstones and other sharpening devices, draws the temper from steel, but no pressure is necessary with **genuine** Carborundum. It will put the keenest edge on the hardest steel.

And you get the genuine Carborundum wheels on the Luther Tool Grinders only, so be careful of high sounding names and descriptions that lead you to believe you are getting real Carborundum with other grinders. There is **only one** Carborundum and it is found on the Luther Tool Grinders.

And we guarantee for 10 years—the sharpening wheels of Luther Tool Grinder, for only the **genuine** Carborundum can stand such a guarantee as that.

WILL NOT DRAW TEMPER FROM STEEL



TWELVE MACHINES IN ONE

Get my wonderful grinder on your farm and you can sharpen all your tools twenty-five times faster than with a grindstone and without danger of drawing temper from steel or the need of cooling with water.

No. 1. Carborundum Sickle Wheel.
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No. 5. Carborundum Sycthe Stone.
No. 6. Carborundum Oil Stone.
No. 7. Carborundum Razor Hone.
No. 8. Carborundum Pocket Hone in Leather Case.
No. 9. Carborundum Rust Remover.
No. 10. Buffing Wheel.
No. 11. Tool Rest.
No. 12. Patent Sickle Holder.

WHAT OTHERS SAY

Handiest Tool on Farm

I have neglected to mention every time, in writing you, what I think about your grinder. I think more of your farm grinder as a handy and time-saving implement than anything on my farm. F. N. NEAL, Bristow, Ia.

Pays For Itself in Time Saved

I have received the grinder and am very well pleased with is so far. I must say that it is one of the best machines for a farmer. It will pay for itself several times over simply from the time saved. J. F. NEWHAUSER. Aurora, Neb.

Wouldn't Take $25.00 For It

The Farm Grinder is all right. I would not take $25 for it if I could not get another one like it. FRED H. WEBB, New Lisbon, Wis.

Every Farmer Should Have One

The farm tool grinder I purchased of you is the best farm implement grinder I have yet used. Ordinary grindstones are things of the past. Every farmer ought to possess one. ..GEO. M. GRAFF, Jacksonville, Ill.

No Danger Drawing Temper

I received the grinder and think it is a perfect dandy. There is no danger of drawing the temper with those stones. It is easy to operate and does the work so quickly and neatly, and a person does not wear himself out trying to sharpen a tool. J. C. COPELAND, Sidney, Ind.

Tools Always Sharp

Your grinder is the finest article of its kind in the country, and I would not be without it for twice the amount of the cost, as I never knew what it was to work wih sharp tools before. WM. J. OSAGE. Cold Springs, Ky.

Worth $50.00

The grinder I received is satisfactory in every respect. I would not take $50 for it if I could not get another like it. W. A. KELLIN, Flomaton, Ala.

10 Days' FREE Trial—Freight Prepaid

The Offer in a Nutshell

10 days' free trial of this wonderful labor saving machine. Ne restrictions—no red tape.

Absolute guarantee of 10 years.

The freight prepaid to your farm.

If you send it back I'll stand the return freight too.

Send Coupon for Particulars

Cut out the coupon and send it now while you are thinking about this wonderful tool grinder and get full particulars how you can use it on your farm for 10 days free. There are no strings to this offer—no red tape—no papers to sign—no agreements—no obligations of any kind. I just want to prove how necessary my grinder is on your farm and I'll pay expenses.

I will also send McClure's Magazine's complete story of the discovery of Carborundum—the artificial diamond sharpening substance, made at Niagara Falls. It's interesting and you'll enjoy reading it.

Remember, you place yourself under no obligations when you answer this advertisement and return the coupon. It brings you all the details of my straight-forward, open and above board offer, and tells you how, without any money, you can take advantage of it. So don't hesitate—just clip out the coupon now—and send it.

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UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

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EDITORIAL

Mr. Carnegie and Research Work

A Glance at Farming Conditions Suggested

ANDREW Carnegie recently gave ten million dollars as an additional endowment of the Carnegie Institute at Washington. This makes a total of $25,000,000 thus bestowed upon that institution, which was founded by that broad minded and progressive gentleman.

Mr. Carnegie's object in life seems to be to do good, to make things better, to increase human knowledge and advance and elevate the human race. In connection with the Washington institution, an observatory has been established on the top of Mt. Wilson, in California. Some wonderful discoveries have already been made from that observatory.

But Mr. Carnegie does not stop with his work in school, literary and astronomical lines. His mind and his money enter any field where errors hinder progress and delay the approach to perfection. He has had constructed a yacht of bronze instead of steel, the first of the kind ever made. The advantage in this material is that bronze does not deflect the magnetic needle, whereas iron and steel does. By means of this yacht it has been found that there are material and dangerous errors in the navigation charts of the world. Two such errors were found in the charts of the British admiralty, and it was thus demonstrated that the recent destruction of a great steamer on rocks was not the fault of those who navigated the vessel, but was the result of errors in the chart. Mr. Carnegie expresses the determination to send this yacht, which bears his own name, into all seas to verify the charts or point out the errors. This will be of unspeakable value to the world.

Referring to the work at the Mt. Wilson observatory, which Mr. Carnegie visited last winter, he mentioned the new processes adopted by Prof. Hale, who has charge of the observatory, that revealed, in his first effort with his new photographic plate, 16,000 new worlds, subsequent efforts having revealed 60,000 new worlds never seen by man, some of them ten times larger than our sun.

Mr. Carnegie says he now has in course of construction for use in this observatory, a telescope far more powerful than man has ever made, and with it he hopes to make possible the discovery of still more celestial bodies.

That is a great work, and it places Andrew Carnegie ahead of all the master minds of research and achievement that have preceded him. But suppose that wonderful telescope were reversed, and instead of exploring the region of new worlds, it should look down from the top of Mt. Wilson upon our own world. Many things would be discovered that have never been seen before. For instance, in all our great agricultural states, would be seen millions of our best people, most industrious, honest, economic, patriotic and unassuming, toiling from year to year, without the least certainty of what their reward is to be. They are engaged in the greatest business in the world, but they do not apply to it the simplest business principles. No one knows better than Mr. Carnegie the importance to any business of being able to control both the output and the price. Farmers under the old and still prevalent system, make no attempt to control either, and, therefore, they can have no idea as to what the result of their toil will be. They know if they plow rich ground and plant good seed, following with proper cultivation, there will be production; and they know there will be some sort of demand for the produce, because the world must have it, but they do not know how the demand will compare with the supply—nor whether the price will pay them for their toil.

This is a true picture of the business of farming today. Farmers scarcely know what their neighbors will produce, and they know little or nothing of what the farmers of the country or the world is producing of any commodity, nor can they have any but a very vague idea of what the demand will be, because they have no means of obtaining that knowledge. How then can they know anything about the price? All they can do is to work early and late, and produce the largest crops they possibly can, as all their teachers instruct them to do, and take their chances as to price or value when the stuff is ready for market. There is no other business on earth hedged in with so much uncertainty as to financial reward. It often transpires (see Secretary Wilson's reports) that the largest crops aggregate lower values than previous smaller crops. It is not enough to say that farmers are making a living, or even doing well. It is because they work more hours, make practically their own living, and the world is compelled to buy their surplus at some price. That is no reason why farming should not be conducted on business principles. Remove the uncertainty from farming and give assurance of remunerative prices; the world need then have no fear of starvation. The farmers will take care of the supply.

How can it be done? Far easier than many things that have been done in the manufacturing and labor world. A central bureau of information that shall gather in the facts as to supply on hand, as to demand and as to the actual need of the season's production. Also as to where the demand for the different commodities is and the nearest source of supply, so that the supply may go to the demand by the most direct and cheapest route, thus avoiding the congested centers where the prices to producers are broken and prices to consumers are made higher. Then the simple co-operation of the farmers in working out the system. It will be as good or better for the railroads, as it will distribute transportation. It will insure farmers steady and remunerative prices, and will give the products to the consumers, be they mills or users, at the very time when the supplies are needed, and at prices much below those exacted by the present system of central shipments and extortion.

Is it said there are schools and all sorts of institutions for the education of farmers? True; but they are devoted solely to production. How to maintain soil fertility, how to improve seed, how to increase yield. That is all good, but there is not a word about marketing; not a business principle taught; not a hint as to how much will be needed, or how to sell, or when, or where. It is simply raise all you can, tumble it on the market, and let the buyers in the centers take care of the price and the stuff. There is no business in it. We want business principles in farming, and we show above how easy a matter it would be to apply them, were the farmers taught up to it.

It is important that we know how many worlds are flying through space, but would it not be great if that Mt. Wilson telescope could be turned on some of these things in our own little world? After all, this is the biggest world there is to us.

OUGHT TO HAVE HAD A MILLION READERS

Mr. J. A. Everitt, Editor Up-to-Date Farming.

I have read January 1 issue of your paper, and I am satisfied you have made things plain, so that all who read may understand. There is only one thing lacking and that is the paper does not reach enough readers. Steps should have been taken to place that particular issue in the hands of at least a million farmers. Then the battle would be won.

JOHN McGUIGAN,
Durango, Colorado.

Note—That issue of UP-to-Date Farming had a circulation of 150,000 copies, but we want a million circulation for every issue.
Editor.

The Proof in the Tobacco Control

THE tobacco growers have perhaps been harder pressed by the buyers of their product than have the growers of any other crop, and they were among the first to take up the idea of controlled marketing. A history of their effort is of interest to every farmer, because every crop grown ought to be controlled by the growers to the extent of securing fairly remunerative prices; and it is of still more interest to the growers of tobacco because it clearly illustrates how easily victory is won by right methods and how easily it is lost when the right plan is abandoned and others are substituted therefor.

The tobacco growers, through leaders wise and otherwise, tried various plans to secure remunerative prices for their product, but all failed until the true plan of Equity was suggested. This was in 1903, and the growers determined to try that plan. Improvement in price followed almost immediately, and continued until the disastrous abandonment of the true Equity System in 1907. After that the control weakened and the price began to decline, and has continued to decline to this date. We do not find fault with the tobacco growers of Kentucky or elsewhere for the abandonment of the true Equity plan. Self-assumed and overwise leaders, not among the tobacco growers alone but among the growers of other crops and those who grew no crops at all, concluded that by grafting other systems upon the Equity plan, they could build a wonderful machine, get to themselves agreat name, and possibly pile up wealth for themselves. The result was as we predicted in advance and as history now records. The farmers lost the control they were so rapidly gaining, the buyers became more uncompromising than before, and prices began to dwindle. This is not a bare assertion. We have the offcial figures from the United States Department of Agriculture, and we may take the tobacco crop for an example, and ask attention to the following table arranged from the official figures for December 1, of each year:

Year	Production	Price	Value
1903	815,972,000	6.8	$55,515,000
1904	660,461,000	8.1	53,383,000
1905	633,034,000	8.5	53,519,000
1906	682,429,000	10.	68,233,000
1907	698,126,000	10.2	71,411,000
1908	718,061,000	10.3	74,130,000
1909	949,357,000	10.1	95,719,000
1910	984,349,000	9.3	91,459,000

Beginning at a price of six and eight-tenths cents per pound, as the control increased the price grew steadily until eight and a half cents was reached in 1905. By that time control had become so fixed that an increased production could not hold the price down, and it went to ten cents in 1906, ten and two-tenths in 1907, and ten and three-tenths in 1908, the production increasing each year. But by this time the dissention of 1907, and the adoption of other plans, began to tell disastrously upon the control. Production constantly increased, dumpers on the market multiplied, and the price turned downward, until the much larger crop of 1910 was worth four and a quarter million dollars less than the smaller crop of 1909; and the growers were the losers. No other result could reasonably have been expected.

A hint to the wise is sufficient. Here are the facts and the figures. Success depends upon equity—justice and fairness to everybody. The buyers are organized and co-operate together. The growers must do the same. The buyers control their business, and so must the growers. The buyers know what demand there is for the manufactured article; the growers must know the demand there is from year to year for the raw material, the form in which they sell the article, and they must produce so as to supply that demand at an equitable price. To do that the growers must be organized on a simple but effective plan, and co-operate together. We know they can do that because we know they have done it in the past. Disaster came with the abandonment of the better plan.

Sugar Beet Growers Organize

A Manifest Weakness

THE sugar beet growers of Michigan met in December and organized what they called the Michigan Sugar Beet Growers' Association, the avowed purpose being to secure equitable prices for beets. The counties represented were: Bay, Shiawasse, Tuscola, Saginaw, Lapeer, Genesee, Gratiot and Isabella. These counties constitute the sugar beet growing district of the State. The following declaration and resolutions were adopted:

"Whereas, we in common with the men in every other line of business recognize the increased cost of conducting our business and whereas we realize the fact that the sugar companies have a strong organization and have succeeded in keeping the price of beets down where it was when the investment in land, labor and appliances were far less than now, also that the price of other staple crops was 30 to 100 per cent lower than now and before they understood the using of pulp and other waste material to their financial advantage as now, therefore be it

"Resolved, That we do here and now on this 15th day of December also organize our association to be known as the Michigan Sugar Beet Growers' Association whose object it will be to secure to the growers equity in the production of sugar and we ask every beet grower to unite in this organization.

"We wish further to declare our interest in the sugar industry and to call attention to the fact that the total acreage required for supplying any factory is of equal value to the manufacturing plant and that we conservatively demand an equitable return for our land and labor."

The organization has our hearty sympathy, as has every effort on the part of farmers to control their business on the basis of equity; but we see a weakness in this effort to which we can not refrain from calling attention. In the first place, Michigan is only one among several states that grow sugar beets successfully. Suppose the Michigan growers, co-operating in an organization that includes only themselves, should succeed in compelling fair prices for their product, while growers elsewhere were held to the general market and compelled to accept prices made entirely by the buyers. Is it not apparent that these outside products would rush into the Michigan market and inevitably break the prices secured by the Michigan organization? Or, if distance and cost of transportation kept these uncontrolled products away from the Michigan factories, as would most likely be the case, they would go to their own factories at factory prices, and that would give those factories such an advantage in cost of raw material over what the Michigan plants would have to pay as to drive the Michigan factories out of business and thus destroy the Michigan market. Hence, an organization to be effective in securing fair prices for sugar beets must include the growers of sugar beets everywhere.

And that is not all. There are a great many different crops grown in Michigan and elsewhere where sugar beets are grown, and the growers of each of these crops deserve and are entitled to equitable prices. In fact, they must have equitable prices or they can not continue in the business. Secure equitable and steady prices for sugar beets, and the tendency will be to abandon the unprofitable crops and go into the growth of sugar beets. The result is easily foreseen.

We do not call attention to these things to discourage the Michigan beet growers, but rather to help them, possibly by some friendly suggestions. To get equitable prices; that is, steady and fairly remunerative prices, the growers must control the production and marketing. In other words, they must control the price just as all other sellers except farmers do; and to control the price they must control the production also. And the effort must include all the crops so that there need be no occasion to switch from the uncontrollable to the controlled products. This looks like a big proposition but it need not alarm any one. It is as simple as it is to control the output of any other commodities. It was successfully done by the tobacco growers of Kentucky with the most gratifying results when the correct and simple plan was pursued, but failure came when that plan was abandoned.

Of all crops it is only the surplus that need be controlled. In many cases the growers of sugar beets are the growers of these other crops also; and what is said of the increased value of land and the increased cost of production applies to the other crops the same as it does to sugar beets. It is true also, as alleged, that, while the prices of manufactured articles have risen the prices paid for sugar beets have been held down to the prices paid years ago, under very different conditions. This, too, is equally true of other crops, though other crops may have a more general market. Why, then, could not the same organization, the same co-operation and directing power that secures equity in price for the beet growers, do the same thing for the growers of all other crops? A knowledge of demand, a knowledge of production, a knowledge of the location of both production and demand, and the transportation that will best bring the two together—these things are all that is involved in the solution of any of these problems, and they apply to one crop as well as to another. It is our purpose to see all the crops thus cared for, and with the least possible machinery and cost.

And this control does not necessitate a war with the buyers. The sellers and the buyers are the essential elements of the deal, and they ought to be friends. Each has rights that the other should concede. The farmer can not afford to produce unless the production is remunerative, and the buyer can not continue in business unless the purchase and handling of the stuff is remunerative also. This applies particularly to products that the farmer sells as raw material, and that the buyer converts into articles of commerce and use, and it affords a common ground on which the two elements should meet each other and in the spirit of equity adjust the price. The whole trouble between buyer and seller has grown out of selfishness or an unfair exercise of power on the part of one or the other, mostly on the part of the buyer, it must be agreed, because the methods and practices of the farmers have been such as to exercise no influence on price, and to give the buyers an opportunity they have not been slow to take. But when the farmers have made themselves parties to the sale of their products, and masters of the situation, as they may easily do, they also have too often forgotten the rights of the other party, and have allowed a spirit of selfishness entirely foreign to equity to intervene between them and success.

We repeat, therefore, that, in marketing products that are raw material and go to the mills and factories, there is a basis for mutual knowledge and agreement with equity as the guide, while with products that go to the user, the thing to seek is the most direct and cheapest route, and prices that carry only equitable profits. This is the way to sell and market, and it is THE EQUITY SYSTEM.

Free Auto Instructions.

We do not believe any other automobile manufacturer is as generous with valuable books and information for the farmer as the Maxwell-Briscoe Motor Co., Hess St., Tarrytown, N. Y. Not only will they gladly send catalogs describing their machines in detail; but they will send free books on the "reason why" and how to care for all cars. We venture the assertion that the veteran autoist can learn some valuable ideas from these books. Send a postal card to the company asking them to send the books.

Not Hopeful of the Future

MR. J. J. Hill the railroad man, is not hopeful of the future. He told the President not long ago that there would be many thousands of men thrown into idleness during the present year. Mr. Taft doubted it, but Mr. Hill asserts that he knows it to be a fact. Extravagance has been our great fault, he says; we have been wasting entirely too much on non-productive undertakings.

Battleships, he declares, not only in this country, but also abroad, are illustrations of the extravagance in which the world has been plunged the last two decades. The money for the construction of these battleships, he argues, has been withdrawn from commercial channels and almost as good as squandered, so far as any tangible returns can be observed.

Mr. Hill also refers to the Panama canal, on which we are spending a great deal of money and to which we must now add large sums to fortify it. He then remarks:

"What will happen is a matter of certainty. Enterprises in all lines will come to a standstill. There will be no progress. Many people will have to change their occupations and habits of living."

Mr. Hill may be correct, but we do not see things quite so bad. Extravagance is with us. There is no doubt about that. And many men do business in an utterly reckless style, investing money where common sense ought to make plain that there could be no returns. And the recklessness of government expenditures is proverbial. Those who handle public moneys, or have the appropriation of them, seem to have gone mad or became oblivious of the meaning of figures when they represent dollars. The assertion of a leader that $300,000,000 a year could be saved to the national treasury without embarrassment to any department of government, is a most astounding declaration; and other statements of men high in authority of the waste of money on the army and navy ought to be enough to arouse the most thoughtless of our citizenship.

Still, in all this we do not see the condition Mr. Hill sees. But we do see this condition: The money of the country, though the figures show it to be in circulation because it is not in national and state treasuries, is concentrated in the great corporations and trusts, and through it these institutions control the country's business. From these great business combines, the money flows into the banks, many of which are owned and controlled by the same persons that control the trusts. So soon as these financial combinations can make more money from the results of a panic than they can through the use of money in active business, there will be a panic—a crushing of business and a gathering up of the broken fragments. In other words, a dropping to the bottom and a slow building up again.

Unlike Mr. Hill, we are setting no time. It could be brought on in a month; it may be held off for years. But conditions are ripe now, and it all depends upon which state of things promises greater profits to the financial combines—a more complete scooping in of the country's wealth, it is better to say. Of course, such a condition involves the bankruptcy and impoverishment of the masses, but that is only a means to an end, a gathering in of what the masses now have, and what we call prosperity.

The panics are not accidental. There never was an accidental one. Some of them have been created by unwise laws, but most of them by those who have got control of the money to enable them to get control of the business and property also.

But why do we discuss these things in a paper like UP-TO-DATE FARMING? Because no class of our entire population is more interested than the farmers. Whenever a financial panic has come it has borne heaviest upon those engaged in rural pursuits. The farmers have always had to bear the burden. It has struck them first and they have recovered from it last. We know why, but we need not discuss that now. Our readers actually remember that such is the fact, and that is enough for the present.

The point we wish to make is this: The farmers as a class ought to be the least affected by these disastrous conditions. They can live in spite of the outside world, because among their own products they may have their living. They can do their business on less money than any other class, and what they produce the world must have or starve. These facts of farming, facts undeniable, ought to make that calling independent of panics or other financial manipulation, and the only reason why it is not is the way the farmers do business. They are masters of all these situations, but they surrender that mastery by recklessly and heedlessly dumping their products on manipulated markets, that in periods of distress are used to heal the wounds of others, reckless of the deep and lasting wounds thus inflicted on the unresisting farmers. If the farmers were united so that they could employ and make effective a system of production and marketing that would fully supply the demand and take it by the shortest and most direct route to that demand, the business of farming would be done entirely apart from and independent of the storm that wrecked other business, and even the creators of the storm would be compelled to come to the farmers for the means of living. To say farmers can not do that is to belie modern civilization and intelligence.

And if Mr. Hill is correct in his positive declaration that such a time is at hand, or if we are correct in the assumption that such a condition may be precipitated whenever the financial institutions will it, does it not behoove the farmers to allow nothing to delay them in their preparation to meet it—in inaugurating a system of co-operative production and marketing that will be entirely independent of financial disturbances. Study, adopt and apply the EQUITY SYSTEM.

THE PEOPLE SHOULD TAKE NOTICE

IT is announced from Washington that the present Secretary of the Treasury has reduced expenses in that department $1,664,500, and that other reductions are to be made which will bring the total saving to $1,933,000, almost two million dollars. While this is to the credit of Mr. MacVeagh if he makes good, it is a proof that his predecessors have been extravagant and have boodled or wasted that amount of the public money, and whatever power or influence, or whoever put those predecessors in office and kept them there, are responsible.

The people must take cognizance of the powers behind political corruption and bad management of public business, for that is the only way to secure reform in such matters. When officeholders know that people are alert and that they will positively vote against evil in public administration, they too will become alert and give more faithful public service. A spirit of extravagance dominates almost all business matters, and of course, it is likely to be most pronounced in public affairs. Eternal vigilance is as much the price of honest and faithful public service as it is of liberty, and the masses of the people must be vigilant if they would be governed well.

Very few persons nowadays dispute that corn should be tested and sorted before planting. You can save disappointment and add many bushels to the usual crop by a little extra care. The apparatus will cost you nothing, as the first crop increase will pay for it several times over. This is worth investigating. Every farmer should write Monarch Self Feeder Co., Dept. 130, Cedar Falls, Iowa.

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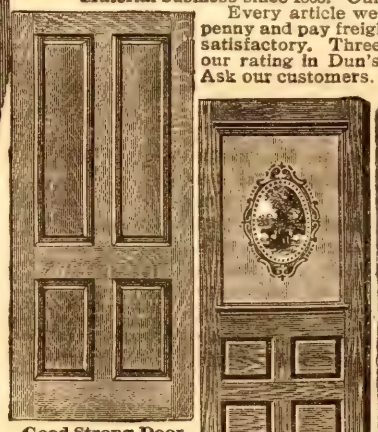
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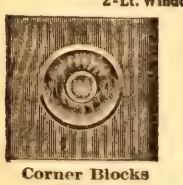
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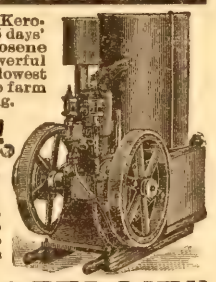
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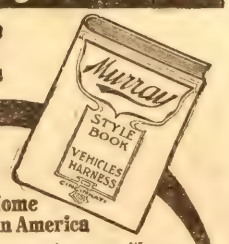
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And Now It Is The Cattlemen

ONE of our exchanges says "marked changes are occurring in both the production and marketing of beef cattle in this country; and it is, therefore, very important that those interested in the business of cattle feeding should confer and perfect some kind of an organization for studying the situation and increasing the profits from this enterprise."

Very true; but how indefinite that is! Some kind of an organization, to be sure, but what kind? What information do the cattle feeders stand in need of to enable them to increase the profits of the business? They must know what kind of stock to have, what kind of pastures to provide and what and when and how to feed. Of sources and means of obtaining that information there is no lack, and the stock feeders of America are as well posted in these lines as any people on earth. But that does not "increase the profits," else there would be no call for such increase. The profits are increased in the price, and that is a part of the business the growers and feeders have little or nothing to do with. The information required to enable them to control that part of the business is: How many cattle are needed to supply the demand at no more than an equitable price, a price that will be steady and reasonably remunerative to the growers and feeders; where that demand is at any time of the year, and how is the most direct and cheapest way to get the supply to the demand?

Strange as it may appear, there is no source from which this information can be obtained in a form helpful to the feeders. There are stock and market publications, and we would not minimize their ability and enterprise, but they aim at nothing beyond reporting the markets as they are or as they probably will be, all the information given revolving around the centers, and obtained from the market managers and manipulators, the prices made being designed, of course, to take care of the buyers with little regard to the interests of the growers and feeders; and no information is given of a demand anywhere except in the market centers.

The information mentioned above, therefore, is essential to "increasing the profits from this business," and since there is no source from which that information is obtainable, an organization to furnish that information, and to induce the growers and feeders to co-operate in obtaining and applying it, is the kind of organization required. And such an organization is certainly simple, and the information required is easily obtainable. The means of transmitting news is open to all, and bureaus of information to look after this supply and demand, and to direct shipments to unsupplied points regardless of congested market centers immediately solves the problem—gives the growers and feeders steady and remunerative prices and easily supplies the demand at prices below what are now required.

And once more we must urge that these same bureaus of information can do the same service for all crops that they do for one; and it beats the market trusts without a fight. It operates both beneath and above the trusts, without at all competing with them. If they can not get the material they must go out of business, and that is all there is to it. If they get the material they must not only buy right, but they must sell right, and that is all any one can ask. It matters not to the farmers who does it provided it is done right, on the basis of Equity, which is no more and no less than fairness to all. This is the solution. Separate organizations for the separate crops or commodities will still, and always, be weak and inefficient. Give us a bureau of information and direction in production and marketing that will apply to all products, and farming then becomes a business the same as other business.

The Scarcity of Apples

ONE of our important local dailies deplores the scarcity of apples, or rather the apparent decrease in production. We say apparent decrease in production, for we really do not know for a certainty that production has fallen off. Only the apples marketed are counted in the statistics, and our system of price-making and marketing is so bad that we know some of the crop goes to waste, just how much of it we can scarcely know. We referred to this apparent condition of apple production in a previous issue of this paper, and suggested a very plain remedy; but there is room for still more to be said. Our contemporary regrets this shortage in the apple crop not alone because of the loss of the money value of the crop, but because of its value as a palatable and nutritious food for the people, the apple being medicinal as well as nutritious. This position is well taken, but the editor of the paper referred to sees no remedy except in increased effort for production, and very correctly urges Indiana as an attractive field for such increased production.

But while present marketing methods prevail there is little inducement to raise more apples. Prices are made in distant congested markets, and those prices are sometimes so low that the total price offered would not pay for picking the apples from the trees. The writer of this article has actually had that experience, and that, too, when half of the United States was short of apples. Such conditions do not encourage production, and all the schools and publications and institute lectures on the adaptability of localities, the better treatment of orchards, and the assurances of greater crops, that can be devised will scarcely lead to increased production.

But suppose orchardists could be assured of fairly remunerative and steady prices, so that as the apples grew the producers would know approximately what their value would be, the element of doubt and uncertainty all removed—no other inducement would be needed to secure increased production. Orchards would at once be enlarged, the growing trees would receive better attention and the resources of the farm would be exhausted in creating more favorable conditions for apple production.

And will any one say this is not a possible thing to do? The general confession of a present unsupplied demand, the vast areas of dense population that are not supplied at all, are a guarantee that prices may be made certain and steady. All that is required is to take the fruit out of the fluctuating, speculative market, divert shipments from the congested centers and direct them to the places of demand, and then there never need be a drop below the remunerative nor a rise above the ability of the demand to supply itself. This is only ideal marketing, and it is much simpler than the ordinary methods. It might stimulate in time to an oversupply, but by that time the producers would have learned their power and would know how to adjust production to meet the demand, and still secure the prices that would pay the orchardists and yet give to every apple user the needed quantity of fruit.

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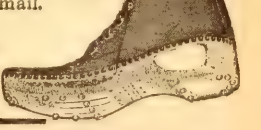
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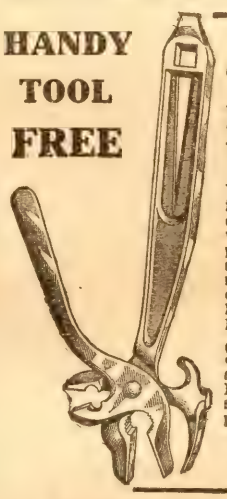
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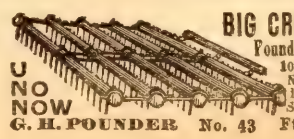


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WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



WHEAT—No. 2 red, at Chicago $1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$7.50@8.50
HOGS—At Chicago, per cwt...$7.00@7.50
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

WESTERN RECEIPTS OF GRAIN

Comparisons	Jan. 21	A year ago.
Wheat, bu.	552,000	582,000
Corn, bu.	853,000	596,000
Oats, bu.	417,000	410,000

ADVICE

Hold wheat, corn, oats, beans, broom corn and hay. Market gradually barley, cattle cotton, cabbage and potatoes.

THE FARMERS' STRIKE

(Concluded from First Page)

7 cents a bushel higher in leading markets, than a month before.

It is not so important whether the subscribers of UP-TO-DATE FARMING exerted any power to compel the prices to advance or not; but it is important to every farmer in the country who raises crops to sell, to know that this paper gave its readers dependable advice when to hold and when to sell. For eight years it has been doing this for its subscribers and has never made a serious mistake. On the contrary it has become common knowledge that the subscribers of UP-TO-DATE FARMING get more money for their crops than any other set of producers do.

Our subscribers, who followed the teachings of this paper and refused to dump their crops, could sell now and make enough to pay for the paper many years. And this has been repeated year after year ever since it began to advocate



the doctrine of controlled marketing to compel the price. But we recommend holding longer. We believe the advance has just begun and that the *minimum prices* we carry regularly in UP-TO-DATE FARMING will be paid before the next crops are harvested.

We want each reader to note that the price of wheat is only 99c in Chicago, and only 99¾c in New York; centers of storage, while the price is $1.03 in each market, Kansas City, St. Louis and Cincinnati; centers of production. *Significant, very significant.*

How about that overproduction of wheat that was pleaded as an excuse for putting the price down? If there was overproduction in the territory surrounding the three cities named above, why are buyers bidding a premium to get wheat?

There was no overproduction of wheat and every bushel will be needed by a world of consumers that get hungry three times a day, just as it has been needed for more than a hundred years. The important fact that we want to drive home with every wheat grower is this: If you will not sell at the price offered by somebody else today, that somebody else will pay your price later. This is not literally true as regards just one wheat grower, but it is true as regards those who have set their minds on $1.20 a bushel and are holding their crops.

The subscribers of UP-TO-DATE FARMING represent so much of the wheat crop, we firmly believe, that they, holding for their price, will produce a scarcity before the next crop comes and the price must be paid for this controlled part. The advantage of having a great many more subscribers for this paper is in the fact that then a larger portion of the crop will be held for the price, the scarcity will be felt earlier, consequently all those who control can begin to *sell at their prices sooner.* And by the same line of argument we arrive at the conclusion that when enough wheat growers read this paper the agreed price will be paid for the first bushel of the crop as it has been, and will be paid for the last.

And there is no overproduction of corn, but the board of trade gamblers will make the grower believe there is, if he is as green as the early wheat dumpers were. UP-TO-DATE FARMING ought to have a very large circulation among corn growers at once. The average monthly price of cash corn at Chicago for three years has been 63½c a bushel, but now it is only 47c, a loss of 16½c a bushel, or more than 25 per cent. If the whole 1910 crop sells on that basis the loss to farmers will be over five hundred million dollars. Figure it yourself.

What is needed is rational marketing, not dumping, which has been the curse of agriculture.

To the growers of all crops—Get in line with your brother producers of the same crop. Fix your mind on an equitable price for each crop and you'll get it.

The following figures tell the market story.

VISIBLE SUPPLY

The visible supplies of grain in the United States by Bradstreet's reports on January 14, 1911, with comparisons are shown in the following table: (The sign —before figures means decrease, X means increase.)

	January 14, 1911 Bushels.	Change from two weeks before Bushels.
WHEAT	54,158,000	—1,031,000
CORN	12,249,000	X3,425,000
OATS	23,910,000	—594,000
BARLEY	2,637,000	—235,000

COTTON—The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Jan. 13 1911	Jan. 6 1911	Jan. 14 1910
American	4,227,856	4,282,321	3,807,718
Other kinds	1,117,000	1,039,000	1,132,000
Total	5,344,856	5,321,321	4,039,718

The total visible increased 45,877 bales in two weeks.

Price of cotton—Middling uplands, 14.90c; two weeks before the same. Middlings gulf, 15.15c; two weeks before the same.

CLOSING PRICES OF CASH GRAIN

Cash grain closed in the leading markets on January 21, two weeks before and a year before, as follows:

	Jan. 21	2 Wks. before	A Yr. before
Wheat, No. 2, Red			
Chicago	.98¼@99	99¾	1.25
St. Louis	1.03	1.03½	1.29
Kan. Cty.	1.02@1.03	1.04	1.26
Cincin....	1.00@1.03	1.04	1.28
New York	99¾	1.00½	1.30
Corn No. 2 White			
Chicago	..46¾@47	47½	67½
St. Louis	46¼	47	66
Kan. Cty.	45½	44¾	67½
Cincin. . . .	.48@48½	48	68½
New York	51¼	52¾	75
Oats No. 2 White			
Chicago	34		50
St. Louis	34 @34½	34½	49
Kan Cty.	32½@33½	33½	50
Cincin.	35	34½	51½
New York	39	40	55

FUTURE GRAIN PRICES

Chicago futures closed January 21, as follows:

WHEAT—January, ——; May, 98⅞c; July 95⅜c; September, 93½c. Two weeks before, 97¼c, $1.01? and 96½ respectively.

CORN—January, 45⅝c; May, 49⅞c; July, 50⅞c; September, 51¾c. Two weeks before, 50c, 50¾c and 51⅝, respectively.

OATS—May, 34⅝c; July, 34¾c; September, 33½c. Two weeks before, 34⅞c, 34¾c and 33⅞c, respectively.

CHICAGO PRODUCE MARKET

January 21, 1911.

NOTE—Our readers should not take the Chicago market as the best in the country because we use it for our quotations. It is a great market but it serves our purpose as a basis for comparison, rather than a criterion of what produce will bring. It may be strange, but it is true, that the largest and most conspicious markets are usually the lowest. We suppose this is because they attract shipments because of their logical position and well known great consumption. The chief purpose of the Equity System is to direct shipments to the highest market, but not necessarily the greatest. Any person having produce to sell will be told the HIGHEST market in the country by applying to THE EQUITY SYSTEM, Indianapolis, Ind.

POTATOES—Arrivals by cars, with comparisons, follow:

	This week.	Last Week.	Lastyear.
Monday	89	56	85
Tuesday	67	64	52
Wednesday ...	12	14	46
Thursday	29	33	67
Friday	58	42	53
Saturday	51	28	50
Total, 6 days	306	237	353

The market was steady for ordinary to good stock and firm for fancy to extra fancy. There was a fair business for Saturday. Receipts were larger, yet the supply on track was not heavy. A good outside business continues and a large part of the arrivals are being shipped out.

Per bushel, Michigan, round, white, common to good ....$	43@	46
Really nice, ripe	48@	50
Wisconsin, common, frozen, small or large and hollow	40@	43
Fair to good	44@	46
Fancy Dusty Rurals	48@	50

The price is about 5c a bushel higher than two weeks before.

NEW POTATOES—Quiet and offerings good.

Barrels, Bermuda, good size ..$6 50@
No. 3 small .....5 00@5 50

The price of new potatoes is the same as two weeks before.

HAY—Arrivals of Timothy Hay small and demand good. Market firm. Prairie Hay steady. Demand and offerings fair.

Change from a year before Bushels.	Change from 2 years before Bushels.	Change in same period last year Bushels.
X 19,473,000	—5,805,000	—1,709,000
—3,236,000	—1,075,000	X2,223,000
X9,621,000	X8,184,000	—2,043,000
—1,733,000	—4,430,000	—738,000

Choice Timothy Hay .....$	20 00@21 00
No. 1 Timothy	19 00@20 00
No. 2 Timothy	16 50@17 50
No. 3 Timothy	15 00@16 00
Kansas and Oklahoma Prairie, choice	15 00@15 50

The price is about $2.50 a ton higher on timothy hay and about 50c a ton higher on Prairie than two weeks before.

BROOM CORN—Rules steady. Sales on orders moderate. Car lots on the open market slow, especially if common.

Illinois corn, per ton .....$	80 00@100 00
Some poor, damaged, less.	
Oklahoma, per ton	70 00@ 90 00
Poor, badly damaged and stemmy no regular value.	

The price is about $40.00 a ton lower than quoted two weeks ago.

BEANS—There has been a steady market all the week. The demand for Pea Beans lately has shown a steady improvement. Arrivals have not been large, but enough stock has come to meet the requirements. Of all other lines there have remained only moderate offerings, and all have been favored with more or less demand, so that they too have ruled steady and firm.

Pea Beans—		
Hand picked, choice .....$	2 15	@2 18
Good but not strictly hand picked	2 05	@2 10
Off grades	1 95	@2 00
Mediums nominally about the same as Pea beans.		
Red Kidneys	3 40	@3 50
Soft and damaged	2 75	@
Brown Swedish	2 60	@2 70
Limas, California, per 100 lbs	5 87½	@6 00
Rain stained 5	37½	@5 50

The price is the same on Pea beans, 10c a bushel lower on Red Kidneys, 10c a bushel higher on Brown Swedish, and the same on Limas, as two weeks before.

APPLES—Dealers say they are having a good demand, with the market firm. Some kinds were quoted a shade higher. Boxes of medium priced stock are reported to be also selling well, but the finer quality or higher priced goods are ruling quiet. There are no arrivals to amount to anything and the selling is from held or cooler stock.

Barrels—regulation size—Baldwins, New England, No. 1, $3.75@4.25; No. 2, $3.00@3.25. New York, No. 4, $4.00; No. 2, $3.00@3.25. Greenings, fancy, cold storage, $5.00@5.50. Wine Saps, No. 1, $4.00@4.25. Talman Sweets, $4.00. Ben Davis, No. 1, Missouri, $3.50@3.75; New York, No. 1, $3.50. King, No. 1, $4.00@4.50; Fancy, cooler stock, $5.00@5.25. Jonathan, good, $4.00@4.50; Fancy, high color, $5.25@5.50. Spies, No. 1, $4.00@4.50; Fancy, $5.00@5.50. York Imperial, No. 1, $3.50@3.75; Russets, No. 1, $3.50@4.00.

The price is the same to 50c a barrel higher than two weeks before.

We wondered, as we were preparing the copy for this department, whether Each Subscriber read it carefully—studied it? It is unique in agricultural journalism, and, we believe, is the most valuable page we print. If you have passed it over before, don't do so in the future. We try to make it helpful, if indeed not indispensible, to every farmer who wants to market rationally. Read "The Telescope" in every issue.

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each subscriber of Up-to-Date Farming, or member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work on them. In a few days after you mail the blank, below, you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is now free for a short time to SUBSCRIBERS whose time is paid in advance as well as to MEMBERS.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

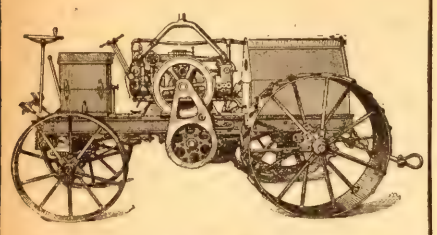
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R. R..... Shipping Station..... State.....

Are you a member of F. S. E.....

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Jan. 1, 1911



THE FARMER'S TRACTOR

Completely self-sustained, with all working parts protected from dirt.

Perfectly balanced. Runs without vibration. Under accurate control of governor at all times, from no load to full load.

A single hand lever shifts all gears.

Every part is built with the view of making an unbreakable machine.

An all around farm power to take the place of teams to a great extent. In addition to the hauling feature, its uses on the belt are almost unlimited.

Illustration and specifications on request.

THE HUBER MANUFACTURING CO.,

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Stump Puller on 30 Days' Free Trial

Clear up your stumpy fields at our risk now with a famous Hercules on 30 days' Free Trial. Test it on your place at our risk. Pulls stumps out, roots and all. 400% stronger than any other puller made. Triple power attachment means one-third greater pull. The only stump puller guaranteed for 3 years. Only one with Double Safety Ratchets. Only one with all bearings and working parts turned, finished and machined, reducing friction, increasing power, making it extremely light-running. Hitch on to any stump and the

400% More Power



Stump is Bound to Come

Also pulls largest-sized green trees, hedgerows, etc. Don't risk dangerous and costly dynamite. It only shatters stump and leaves roots in ground. Save big money by getting our special proposition to first buyers where we have no agents. Write us a postal card today. Address

FREE BOOKS and free trial offer.

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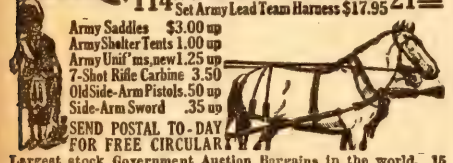
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$114.00 SET ARMY POLE HARNESS $21.85

Set Army Lead Team Harness $17.95

Army Saddles $3.00 up
Army Shelter Tents 1.00 up
Army Uniforms, new 1.25 up
7-Shot Rifle Carbine 3.50
Old Side-Arm Pistols .50 up
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The farm labor saver that lasts a lifetime. Broad tired steel wheels carry any load. No wear-out to them. Don't be a wagon slave. The Electric saves thousands of high lifts. Best for hauling manure, grain, stone, fodder—everything you have to haul. Easier on the horses. Why not do your hauling the easy way? Send now for free book telling all about the one long-lived, steel-wheeled, real handy wagon. Address

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"The DAMNING OF JONES."

The Implement Trust says." Damn JONES and out of business with him" because he is the only man who dares to sell you a warranted-take-it-home-and-try-it-before-buying-scale of any size or kind at the dealers price. Money talks and your money is as good as any dealers' and your credit better. Send for my offer and their reason for "damning Jones."

"JONES He Pays the Freight."

23 Lay St., BINGHAMTON, N. Y.

UP-TO-DATE FARMING

Production and Marketing

BETTER FARMING

Better seed for spring time
Richer soil to grow in,
Crops of greater value
Depends on seed and sowin',
Note the seeds we offer
Free with UP-TO-DATE FARMING,
Get a few subscribers,
And grow things that are charming.

THE DIFFERENCE IN SEED

"Like father like son." This is a homely old saying that is seldom disputed when applied to the human family or to the live stock on the farm. It is just as true of vegetable growths. It is unreasonable to expect to grow something better than the seed that was planted. We were amazed to hear the manager of a corn-growing contest tell his patrons to go to their own cribs for the seed, and yet they were to compete with those who planted the very best seed. That amounted to a confession that difference in seed does not make much difference in results. All progressive experience is to the contrary. There is such a thing as breeding up in vegetation, and scientific men have devoted their lives to the improvement of plants, with the most wonderful results.

We believe in improved seed, and no farmer should be satisfied with any but the best. It has been one of our purposes in newspaper work to benefit the farmers in increasing the yield and value of the crops by improving the seed and inducing the planting of the best. One of our objects in offering the valuable premiums we are offering now is to demonstrate this fact and thus give an impulse to this feature of better farming. We can thus accomplish two purposes. We can start farmers with the very best of seed in certain lines, thus putting them on the road to increased yields of better stuff, and through the same means, making it a part of the same transaction, place before them the proven and acknowledged means of getting better prices for their crops; and all at a cost almost too insignificant to mention.

For instance, our Farmers Interest corn, as we have said before, is the best bred corn in the country. It has done much to place Indiana at the head of all the states in yield per acre, and it has won all the first and sweepstake prizes in national and international shows for many years. What is more natural than that we should desire to see this corn tried all over the country and how could we better do it than in offering the premiums we have? True, it takes practically all of our subscription profits to do it, but we want the farmers to have the best and we want them to study the Equity Plan of marketing.

But corn is not all. The potato crop is a great crop in this country. We have found a new potato. the Model Market, that we believe superior to anything now in general cultivation. We want potato growers everywhere to try it and we make a liberal premium of that also.

So, too, of oats. If the oat yield could be increased and a better quality produced, at the same time maintaining the price as UP-TO-DATE FARMING teaches how to do, who can estimate the value it would be to the farmers of the great agricultural states? That oats may be thus improved has been demonstrated by Mr. John Garton, of England, who is famous the world over as a breeder up of plants and an improver of seeds. He occupies a position in England similar to that of our own Luther Burbank in this country; and it is conceded that the greatest work he has done is in the improvement of the oat crop. He originated the Garton oats, he and his co-workers have continued to improve it down to the past year. Good fortune brought us in contact with this oats, and there was an opportunity for us to obtain a supply of it that had been fully acclimated to this country and had proven its superiority here as well as in England. What should we do with it? We want our farmers to try it, and hence we make a premium of it also.

All this may prove a losing game to us, but it will help us in the two purposes to which our life is devoted—it will give farmers a chance to try some of the best seeds obtainable, and gives us a chance to teach Equity and Controlled Marketing to secure better and steady prices for all farm crops; and that is what we are working for.

—o—

We did not commence this article to talk about our premiums or our paper, but it ran so naturally into it that we suppose it would not be out of place to give the premium conditions. One dollar in subscriptions to UP-TO-DATE FARMING wins either of these premiums; that is, it secures, prepaid, four pounds of Farmers Interest corn, OR four pounds of Model Market potatoes, OR four pounds of the Garton Swedish Select oats. The dollar pays for four years of subscriptions to UP-TO-DATE FARMING. It may be one subscriber for four years; or it may be four subscribers for one year each; or it may be two subscribers for two years each. Renewals count the sameas new subscribers, but if they are renewals that fact must be mentioned to enable us to find the names on our list.

For other premiums we refer to the regular announcement.

The Course of Equity

From West Virginia mountains
To North Carolina's shore;
From the Keystone State and Jersey
To the land of Baltimore;
From Ohio's widened acres
To the Hoosier's fertile plain;
From the Sucker's prairie corn fields,
To Missouri's waving grain;
From the golden flowers of Kansas
To Nevada's shining ore;
Across the rugged Rockies
To the calm Pacific's shore;
From the great northwestern wheat field
To the Texan rancher's home—
All o'er our star decked country,
True Equity shall come.

What They Made Senators Of

"You are not like your master; he rode a donkey," said the senator to the bishop, who was riding in an auto.

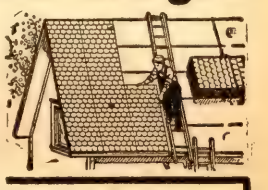
"I would be," replied the bishop, "but there are no donkeys any more. As soon as they find one they make a senator out of him!" And the auto honked on down the street.

A SAFE INVESTMENT

The farmer who needs a drill should get a good one, and as he has had no experience in making these machines, must leave the matter to those who thoroughly understand their construction. When he buys blindfolded he is like the man who marries in haste and repents at leisure. The farmer is perfectly safe in buying the Kentucky Grain Drill, because it is made by a firm that has had more than fifty years' experience in the manufacture of seeding machines, used successfully by the most progressive farmers in all parts of the world. Their experts have had actual field experience wherever grain is grown and they build grain drills that meet all conditions. This company makes many styles of Kentucky Grain Drills that will do the best possible work in various localities. We refer to The American Seeding-Machine Co., Incorporated, Richmond, Ind. Write and ask them for a copy of their Kentucky Drill catalogue. They make all styles of grain drills—no matter what kind of furrow opener you want you can get it on a Kentucky Drill. The American Seeding Machine Co. stands back of every Kentucky Drill, and the machine simply must do all they claim for it. Their claims are many, and if the Kentucky would not back up their guarantee by its actual work they would not warrant it the way they do. Go to your local dealer, after you have read their catalogue, and insist on seeing the Kentucky Drill.

Edwards Interlocking "Reo" Steel Shingles

Need No Repairs! They Last as Long as the Building



They are stamped of best Bessemer Steel 5 to 12 feet long and 24 inches wide. They are made either in plain steel, painted on both sides, or heavily galvanized. They will not rust nor corrode. The interlocking feature covers the nails and provides for expansion or contraction.

Put Them On Yourself

Anyone can lay these shingles on any roof. Just a hammer and a few nails is all you need.

Edwards Interlocking Reo Steel Shingles will save money for you. They will last longer than wood-shingle or composition roofs and give you absolute protection against fire and lightning. We give a $10,000 guarantee bond that no roof covered with Reo Steel Shingles will be destroyed by lightning.

Factory Prices—Freight Prepaid

Being the largest manufacturers of every kind of iron and steel roofing material, we are in a position to quote you lowest possible manufacturer-to-user prices.

Write for New Catalog 261 which gives valuable information you should have. You can save money and have a better roof by buying Edwards Interlocking Reo Steel Shingles. Send us dimensions of your building and we will quote you cost of a Reo Steel Shingle Roof delivered at your railroad station. (36)

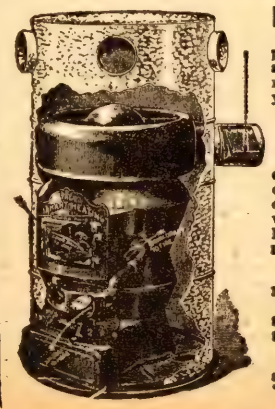
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THE STRONGEST SHIRT MADE

A practical shirt for the practical man! Snappy, live patterns, strictly fast color, strong tough khaki, (the U. S. Army wears khaki because of its strength and endurance) with the soft chamois finish. Made by skilled operators, reinforced where there's extra strain; double seamed and gusseted. A good-looking, snug fitting garment that for strength and long wear, can't be approached by any 50 c, work shirt in America. And it's GUARANTEED. Over Two Million Wearers. At your dealer's; if not, send his name, your collar size and 50c. in stamps for shirt and new colorings. THE PRESIDENT SHIRT CO, 114 Wyoming St., Baltimore.



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Our monthly installment plan of selling direct saves you all the dealer's profit and his excessive charges for installation and repairs. You can save at least ⅓ the cost of your furnace. We have been building Jahant Furnaces for over thirty years and guarantee perfect satisfaction. Let us tell you why the

JAHANT DOWN DRAFT FURNACE

is the best Heating System made for residences, schools, hotels, churches, etc. It is the most economical furnace too and saves ⅓ to ½ the cost of fuel because the patented "Down-Draft System" burns hard or soft coal, wood or lignite, and burns it ALL without cinders, clinkers or any waste. Needs less attention, yet heats much better than any other furnace, hot air, steam or hot water heating system. Our "Installment Plan" of monthly payments by which you pay

Only $10 Down and $10 a Month

makes it easy for any one to have the best heating system made.

We send complete outfit, furnace, pipes registers, etc., together with special plans, full directions and all tools for installing. If you can drive a nail you can install a Jahant Furnace without the aid of a tinner.

Write To-day for Catalog which explains the Jahant Down-Draft System and tells why it gives more heat at less cost than any other system of hot air, steam or hot water heating.

THE JAHANT HEATING CO., 209 Howard St. Akron, O.

POULTRY AS A FARM CROP

By Mrs. J. B. Howe, Fortville, Ind.

CONSIDERING the cost of production, and the actual labor required to bring the commodity to market, there is nothing upon the farm that pays as well as poultry.

On many farms the fowls cost practically nothing, as they feed upon what other animals reject or waste. Where poultry is kept, almost nothing is wasted, for a lively hen and her brood will scratch a heap out of rubbish, over and over, in search of a few scattering grains.

A few years ago nothing was seen upon the ordinary farm but the little common dunghill chickens, the little mud duck and the common goose.

Happily all that is changed, and one can scarcely visit a farm house so remote or isolated but that, at least one, and often several varieties of chickens of the pure bred varieties are seen. The ducks and geese have also been transformed into beautiful and stately specimens; which not only delight the eye, and speak of progress, but bring in a larger profit, convincing even the cynical farmer that the good wife's chickens really do pay their way.

A score of years ago, almost any old shed or tumbledown building was thought good enough for the poultry. Indeed, many times they knew no shelter, summer or winter, but the boughs of some friendly tree. This also, is changed, and the fowls are accorded as humane shelter and treatment as the other stock upon the farm.

Formerly, also the purchase of eggs for setting purposes was an unheard of thing. When a change of blood was desired, a setting of eggs was exchanged with a neighbor, or some roosters were exchanged in the same manner. Now when an "Up-to-Date" farmer's wife wishes to renew her flock, or introduce new blood, she turns to her farm paper, or poultry journal, selects some reliable breeder, and purchases pure bred stock or eggs for the purpose.

In those days poultry architecture was an unheard of thing. Now the best talent in our agricultural colleges and experimental stations make a study of methods of housing and feeding domestic fowls for the world at large, and our country in particular has come to realize that there is economy and profit in so doing; and that the hen and her feathered relations, the duck and goose, stand high in rank, with the other wealth producing crops, such as corn, wheat, hay, etc.

The truth of the matter is that the little unobtrusive hen went so quietly about her work; yet worked so steadily, and with so little parade, that nobody noticed the good work she was doing.

Nearly every home in the land was being fed, clothed and blessed by her beneficence, but everybody was so used to it that they accepted it just as they did the sunshine and the rain in springtime, and gave the little hen no particular credit.

Finally somebody got to figuring, and it was then discovered that the poultry product in this great land of ours exceeded in money value the most of our great grain, cotton or tobacco products, and the wise ones began devising ways and means to make the poultry product still more profitable.

All newly launched projects require thought, care and experience to eliminate the objectionable and cultivate that which has real excellence. So it is with the new regime of poultry culture, and one of the lessons which experience is sure to teach the farmer and his wife, is, that there is more real merit in one variety of pure bred fowls than in the mixture of a dozen or more.

Each pure bred variety has its peculiar merits and it has been bred for years with a view to fit those characteristics, but when mixed with some other variety, no matter if pure bred, also, it becomes nothing more nor less than a mongrel.

Better select a fowl possessing a preponderance of the characteristics desired, and stick to that one, improving, enhancing the values, adding to the beauty and attractiveness, until a type and strain is attained which is a source of pleasure and satisfaction to all beholders.

WHAT A BOY DID

Some years ago a boy was growing up on an Iowa farm. He heard his father and some friends talking about wheat failure as they sat around the stove in winter. The boy began to study wheat, and to grow different kinds of wheat. From a thousand selected kernels he took only one that he considered the best and planted it. With the pollen from this single head he fertilized other plants, and the result was a new variety of wheat. One of these has increased the yield in some counties of Iowa from fifteen to twenty-eight bushels per acre, and in a single year added a small fortune to the wealth of the farmers.

As that boy grew up he went to an agricultural college, and people now speak of him as Willet M. Hays, professor in the Minnesota college at St. Anthony's Park. Professor Hays says: "The soil can not be changed, but the seed can. Instead of yielding fourteen bushels per acre, this state should produce twenty-five." This appeals strongly to Our Up-to-Date Boys, and they should take advantage of our excellent seed offers, and make a start next spring with the best seed in the world.

THE CATALPA AS A FARM CROP

MR. H. C. Rogers, of Mechanicsburg, O., has planted 150 acres of rich farming land to catalpa trees, and he gives his reasons for doing so, as follows.

Timber and lumber of all grades have been increasing in value for fifteen or twenty years, but much more rapidly during the last five years, and in all probability this advance in price must continue.

In the northern states catalpa trees, in suitable locations, will make very near an inch in thickness of wood each year. In the southern states they make considerably more than that.

Catalpa wood can be put to more valuable uses than that of any other American tree. For interior house finishing nothing is more beautiful. For furniture it scarcely has an equal. For carriage makers uses it takes the place of oak, ash and hickory, being specially valuable for buggy bows on account of its lightness combined with toughness and stiffness. For uses in the ground it is the equal of black locust in resisting decay. For telephone and telegraph poles its lightness, combined with strength and durability, places it in a class by itself. For any use to which wood is put where strength, lightness, durability, beauty of finish and capacity to hold its place without checking is valuable, catalpa wood will be found par excellent. In proof of these statements, there was exhibited at the St. Louis world's fair, great piles of railway ties just taken from the Southern railroad in Illinois, that had been in use for thirty-two years, and they were perfectly sound and free from decay. There were fence posts taken from an old fence in southern Illinois, known to have been in the ground for eighty-five years, that were perfectly sound. All kinds of furniture made from this wood was shown and it compared most favorably with the finest work made from the various common woods used for that purpose.

Without doubt catalpa trees, if of the true speciosa type, and grown in a suitable location, will produce more wood and of greater value than any known tree. I have examined the native growth of catalpa speciosa in southern Indiana and southern Illinois, and found trees that would make a fifty-foot sawlog, perfectly straight and smooth.

The Ohio Experiment Station reports that the Lamar grove in that state has made three thousand and more, fence posts per acre at twenty-three years from planting. These posts are worth, wholesale, twenty cents per post, making the product worth $600 per acre—nearly $30 per acre for each year of growth.

Thus my investigations have demonstrated to me that I can make many times greater profits growing catalpa trees than I could hope to make growing any of the cultivated crops, even on the richest and highest priced Ohio lands. And that is why I have 150 acres planted to catalpa.

CREATING AND SAVING FARM WEALTH

To Up-to-Date Farming:

With regard to the farmers not knowing his wealth, it gives me great pleasure to tell you that the German farmers in the old country are accustomed to turn under legumes for restoring natural nitrogen to the soil, and they save by doing so a big lot of fertilizers. The value of these plants differ somewhat. Alfalfa is 32 per cent nitrogen, 15 per cent potash, 25 per cent lime, and 6.5 per cent phosphoric acid. Very young red clover is 35.5 per cent nitrogen, 25.5 per cent potash, 23.5 per cent lime and 10 per cent phosphoric acid. If the clover is allowed to blossom before it is turned under it loses in all these elements. Vetch is 41.5 per cent nitrogen, 20 per cent potash, 18 per cent lime, and nearly 10 per cent phosphoric acid. Field peas are nearly 23 per cent nitrogen, 20 per cent potash, 15.6 per cent lime, and 6.8 per cent phosphoric acid.

Alfalfa needs for a profitable crop always a well prepared soil. For sandy soil and where dry weather is prevailing, I may call attention to Vetch, a plant with which our farmers do not seem to be quite well enough acacquainted; but it will pay to plant it. —F. Wm. Kolb, Philadelphia.



Yours FREE 30 Days

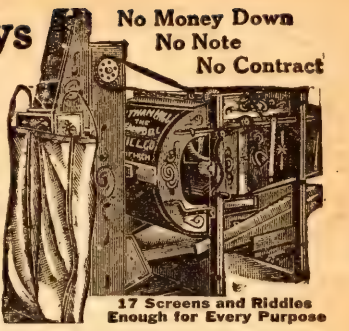
I'll Pay Freight Anywhere

Just let me send my Chatham Fanning Mill to your R. R. Station on a month's trial. No money, no contract and I pay the freight. Return at my expense or keep it and take a year to pay me. Just let me prove the money you can make with a

CHATHAM FANNING MILL and Seed Grader

Cleans and grades all kinds of seeds, grasses and grains. Don't grow weeds or thin stands. Land and taxes are too high. Double the crops, get better crops and have high-priced seed to sell. Send postal now for my factory price, liberal terms, and get FREE BOOK No. 169. Tells how thousands are making big, extra profits with a Chatham. Send your name by next mail. Address Manson Campbell, Pres.,

MANSON CAMPBELL CO., Detroit, Mich.
Kansas City, Mo.; St. Paul, Minn.; Seattle, Wash.



No Money Down
No Note
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17 Screens and Riddles Enough for Every Purpose

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We are contract Receivers and Shippers of Hay, Grain, Flour, Mill Feed and Potatoes for A. S. of E., of Minnesota.

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$4.95

20 YEAR GUARANTEE

23 Jeweled Watches

23 jeweled watches are the best, but few can afford to buy them. Our great Engine Special watch patterned after the 23 jeweled R. R. watches that cost from $50 to $75, has locomotive on dial, eleven genuine ruby jewels in settings, micrometric patent regulator, breguet hairspring, double damaskeened nickel plates, quick train lever escapement. Fitted in heavy or medium weight solid ore-oliver dust proof screw case. Both case and works absolutely guaranteed for 20 years.

SEEING IS BELIEVING. Cut this out and send it to us with your name, post office and express office address, stating weight wanted, Heavy or Medium, and we will send the watch by express for examination. If satisfactory after examination pay express agent our bargain sale price $4.95 and express charges and it is yours. Order today. Address

(R. E. Chalmers & Co. are thoroughly reliable and have been established since 1885) R. E. CHALMERS & CO., 352-356 Dearborn St., CHICAGO.

CATALPA SPECIOSA TREES Mine are true to name. Free booklet tells all about the 150 acres I am growing for telephone poles. H. C. ROGERS, Box 146 Mechanicsburg, O.

NEW SEED OATS

Big Money in Oats



New Seed Oats. Big money in oats if you raise the right kind. Here's your chance to get them. Imported Canadian Seed Oats for sale; extra fine. Send for free sample. It speaks for itself. This same oats we sold last year in the United States and proved their merit and our statement that the farmers need a change of seed in this country. We make a specialty of growing extra fine seed oats on our big Canadian farm; new, clean land; no weeds. Have best known varieties. Regenerated Swedish Select went 116 bushels to acre this year; Early New Market, Canada's favorite, 110 bushels to acre. Both of these are big, early yielders. We absolutely know from experience it will pay you to get a change of seed. Try some of these oats. The average oats are inbred and run out. Canadian Government Grain Inspector graded this grain No. 1 White. Havestiff straw, white berry, thin husk, enormous yielder. It is as easy to put in and harvest a big crop as a small one. The reason your oat crop is not bigger is because your seed is run out. This has been proven. Look at this cut. Taken from photograph of two stalks from Galloway Brothers' field, over 200 kernels to the stalk. Write early for free sample, or, send ten cents each for packet of one or both kinds. Will also send you free booklet entitled "Big Money in Oats and How to Grow Them," by Galloway Bros. and Prof. M. L. Bowman, former professor of farm crops Iowa Agricultural College. Information in this book is priceless. Get it free. Resolve to start a seed patch on your high-priced land tais year. The book tells you how.

GALLOWAY BROS.-BOWMAN CO.,
502 Galloway Station, Waterloo, Iowa.

100 Bushels of Corn An Acre



can often be obtained by planting EXACTLY THE RIGHT DEPTH, every kernel precisely uniform, and 5 to 10 bushels an acre increase can almost invariably be obtained. I have a simple, inexpensive way of doing it, and will Send you the secret FREE if you will write me personally.

PAUL B. KELLER
Waterloo :: Iowa

OATS Sensation!—96 1-2 bu. per acre. Als SEED CORN. Samples and cat. free. Theo. Burt & Sons, Melrose, O.

14-in. Double Board Steel Beam Steel Handle Plow

With Extra Share and Best 13-in. Rolling Coulter



The entire plow and extra share made of the best of hardened, soft center steel, highly tempered and polished in oil. Guaranteed to be entirely satisfactory, and the greatest value in a plow ever offered, or it can be returned at our expense and money refunded.

This price good until Jan. 1st, and is made for the purpose of securing your order now to avoid the rush in the spring.

Big Free Catalogue will be ready about January 1st. Write now and tell us what you want, and we will quote you prices delivered at your railroad station, all freight charges prepaid. Above plows with wood handles. 25c each less.

$11.25

HAPGOOD PLOW CO., Box 816, ALTON, ILL.

A responsible Plow Factory, backed by forty years' experience selling direct to the farmer at wholesale prices.

the public finds you out

You can't stop the spread of good news. If you sell a good article your customers will talk about it. That's how it happens that there are now 250,000 Economy Cream Separators in actual daily use. We sold 40,000 last year. Ask for the Economy Chief Dairy Guide for 1911. Most interesting cream separator proposition ever printed.

Sears, Roebuck and Co.
Chicago, Illinois

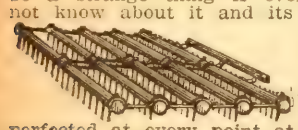
$15.95 AND UPWARD
AMERICAN SEPARATOR



SENT ON TRIAL, FULLY GUARANTEED. A new, well made, easy running separator for $15.95. Skims hot or cold milk; heavy or light cream. Different from this picture which illustrates our large capacity machines. The bowl is a **sanitary marvel, easily cleaned.** Whether dairy is large or small, obtain our handsome free catalog. Address
AMERICAN SEPARATOR CO. Box 1149 BAINBRIDGE, N.Y.

THE POUNDER FLEXIBLE HARROWS

The illustration which appears herewith is that of the Pounder Flexible Harrow, as manufactured by Mr. Geo. H. Pounder, No. 43, Ft. Atkinson, Wis. This harrow is not a new implement; it has been on the market for so many years that it would be a strange thing if every farmer did not know about it and its merits. It is made in sections and can be used up to twenty-four feet wide. It has been perfected at every point at which an experience of twenty years could suggest any change. That it has proven its value to farmers is indicated by such letters as that of M. H. H. Tidd, of Independence, Iowa, who wrote Mr. Pounder about a month ago, saying: "About fifteen years ago I bought a flexible harrow of you. Now I wish to add another section of five feet. What will you charge me for an extra five-foot section?" Ordinarily it would seem that a harrow which had served for fifteen years had answered every purpose, but it appears that the Pounder is not that kind. Dealers say, "They will sell all around other kinds." The Pounder harrow is advertised on page 6. For catalog and special price to the first buyer in any community address Mr. Geo. H. Pounder, No. 43, Ft. Atkinson, Wis.



UP TO DATE LIVE STOCK AND DAIRYING

THE HORSES ARE THINKING

The team is thinking seriously
Of the work next summer,
Will they toil for little good,
Or make the crop a hummer?
If the horse could talk he'd say
The seed is what decides it.
Then get a club for UP-TO-DATE
And win seed that provides it.

THE HORSE THE FARMER'S MOTOR

THE horse is still the farmer's motor power. We are in favor of all the artificial power available—of the gasoline engine, the automobile, and every other means of saving muscular effort—but the horse is still the farmer's main dependence. This is proven by the high price the horse carries, if there was no other evidence.

This means to the farmer: Don't neglect to breed and raise horses. They bear good prices now, and they will continue to do so so long as business remains on the present level. And it means to breed the best, those best adapted to the farmers' needs. The demand now is for heavy horses. Good Shires, Clydesdales and Percherons top the markets. They can take loads where traction engines can not go, and they are always ready for any work required to be done on the farm. If a farmer has a good quality of heavy draft horses, he need have no fears of a market when he wants to sell, nor need he be anxious about the price.

This is not saying there is not a demand for the trim roadster, the driver and the coach. Fancy horses of these lighter varieties command fancy prices. But the demand for them is usually supplied by fancy breeders, who study points and know how to attain them.

THE MARE'S FIRST COLT

A WRITER in one of our exchanges springs a new question in horse and mule breeding. From a lengthy article on the subject we clip the following paragraph:

"It is an undoubted fact that the first offspring greatly influences subsequent ones. For instance, breed a mare first to a jack and you will undoubtedly get a fine mule as the result. Afterwards breed even continuously to a stallion and every one of the mare's progeny will have a very noticeable mule look, no matter how fine the animals may otherwise look. By reversing the operation, the appearance of the mules will be greatly softened and improved, and the value consequently increased."

We do not know about that, and must say of it as is said of many matters of news, "important if true." Scientists have not taken up that question so far as we know, yet we remember reading something like that many years ago in a medical work. If there is much in it, it is very important sure enough. If the first colt has an influence on the future offspring of the mother, the young mare should under no circumstances be bred to any but the very best horse, and no young mare should ever be bred to a jack. One thing we have noticed, and perhaps our readers have also. The second family of a married widow are very apt to be like the children of the first family, sometimes favoring the first husband more than the second.

At all events, the assertion in the above quoted paragraph presents a question that is well worth the consideration of stock breeders. It is at least well to see to it that the first offspring shall be of the very best parentage—and all the subsequent ones.

There are thousands of farmers who are letting the automobile do the work the horse used to do. Now these up-to-date farmers are buying Gas Tractors and letting the horse rest. No doubt many subscribers to Up-to-Date Farming are interested in these powerful 'iron horses." Send to the Huber Mfg. Co., 548 Center St., Marion, Ohio, for full particulars.

CALF SALES HARMFUL

NO argument is needed to convince farmers as well as market people, that there ought to be more cattle on the farms, but how this increase can be effected so long as the calves are sold for veal as they now are, is a problem. There are farming regions of miles in extent in the great interior states where one may travel for days and not find a yearling for sale at any price, simply because there are no yearlings, except perhaps a few heifers that are saved to become cows. The calves have been sold in the veal market.

We regret that a good price for a calf so generally tempts farmers to sell. The profits obtained by such sales are mistaken profits. The young cattle more fully grown will bring more after awhile. Besides they are actually needed on the farms. It seems to us that no farm can be properly and profitably managed without more or less cattle. Every farm should have some pastures, and the cultivated fields need pasturing more or loss every year. It is good for the fields and it is good for the farmers that they be so pastured. The stock clean up the rough places, they destroy the weeds that persist in growing in the cultivated portions; they eat and utilize much that would otherwise go to waste, and they add an important item to the farmer's income. We never yet saw a farm where stock was kept that was not in better condition than where stock was not kept. All farmers will concede the truth of that; but how can stock be kept on the farms if the calves are all sold on the veal market? We wish farmers would study this question, and quit sacrificing the calves.

How She Treats Him

"Do you know Tom's wife treats him like many women do a dog?"
"No. How's that?"
"She don't do anything but pet him."

An engine on free trial is the way Schmidt Bros. Co., Dept. 3651, Davenport, Iowa, sell engines. Send for their proposition. Write a postal card today.



Good for All Farm Stock.

Sloan's Liniment is an excellent remedy to keep on the farm for lameness in horses or cattle, hog cholera, chicken distemper and roup.

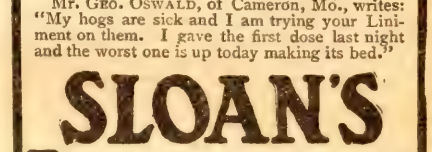
HERE'S PROOF.
Mr. O. BULLOCK, of Sims, N.C., writes:—"I have used Sloan's Liniment for twenty years for horses, hogs, chickens, cows and myself. If a horse or mule gets sick I give him some of your medicines and I cure him. Your medicines are the best that can be found on the market."

GOOD FOR HOGS.
Mr. GEO. OSWALD, of Cameron, Mo., writes: "My hogs are sick and I am trying your Liniment on them. I gave the first dose last night and the worst one is up today making its bed."

SLOAN'S LINIMENT

is an antiseptic remedy, very penetrating, needs no rubbing.

Price, 50 cents and $1.00.
Book on care of stock sent free.
Dr. EARL S. SLOAN, Boston, Mass.



SILOS

SILOS. New Silo Factory. Up-to-date, improved Silos. Twelve splendid points of superority. 40years warranty. Introductory Silos cheap as an advertisement. Farmers wanting Silos, and salesmen to manage territory, write at once.
LAKE SUPERIOR SILO & SEED CO., St. Louis. Mo

SOME OF THE REASONS WHY the United States Separator Is the BEST in the world

The United States Separator employs a feeding device to deliver the whole milk beyond the cream zone—preventing any remixing of cream and skimmilk and any conflict of currents. **No other device of any other Separator will do this work so well, as the records show.** This device is patented, and can be used on no other Separator.

The United States uses non-aligned channels for the currents of milk through the separator bowl. This is covered by strong patents. **No discs or other construction can equal its perfection in separation.** It won the world's record for skimming, in 50 consecutive runs continuing 30 days, with the milk of ten different breeds of cows. **.0138 of one per cent.**

99 99/100 of the creameries use cream gathered from United States Separators—**and are eager for more.** Cream from the United States is smooth and perfect for butter making.

The United States skims cleaner, runs easier, washes easier and lasts longer than any other separator. Ask the man who runs one. Ask us for cataiogue No 187 at once.

VERMONT FARM MACHINE CO., BELLOWS FALLS, VERMONT.
Distributing warehouse in every dairy section of the U. S. and Canada.

98% of the World's Creameries Use

DE LAVAL CREAM SEPARATORS

Ten years ago there were a dozen different makes of creamery or factory separators in use. Today over 98 per cent. of the world's creameries use DE LAVAL separators exclusively.

It means a difference of several thousand dollars a year whether a DE LAVAL or some other make of separator is used in a creamery.



Exactly the same differences exist, on a smaller scale, in the use of farm separators. Owing to the fact, however, that most farm users do not keep as accurate records as the creameryman, they do not appreciate just what the difference between a good and a poor separator means to them in dollars and cents. Nine times out of ten the farmer can't tell whether or not he is wasting $50 to $100 a year in quantity and quality of product through the use of an inferior cream separator.

Now, if you were in need of legal advice, you would go to a lawyer. If you were sick you would consult a doctor. If you had the toothache you would call on a dentist. Why? Because these men are all specialists in their line, and you rely upon their judgment and skill. When it comes to buying a separator why not profit by the experience of the creamerymen? His experience qualifies him to advise you correctly. He *knows* which separator will give you the best service and be the most economical for you to buy. That's why 98 per cent. of the world's creameries use the DE LAVAL exclusively.

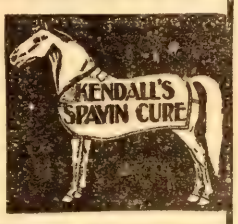
There can be no better recommendation for the DE LAVAL than the fact that the men who make the separation of milk a *business* use the DE LAVAL to the practical exclusion of all other makes.

The DeLaval Separator Co.

165-167 BROADWAY NEW YORK — 42 E. MADISON ST. CHICAGO

Years of Grand Results

Eckerty, Indiana
May 21, 1909.
Dr. B. J. Kendall Co.,
I have used your remedies with grand results for ten years, and would not be without them.
Wm. H. Tuckers.



Kendall's Spavin Cure

Keeps legs sound and trim as no other preparation has ever been known to do. The sure, quick remedy for Spavin, Ringbone, Splint, Curb, Swollen Joints and all Lameness. Equally famed as household remedy. At druggists, $1 a bottle. Get free book, "A Treatise on the Horse," or write to—

DR. B. J. KENDALL CO., ENOSBURG FALLS, VT.



A New Automatic

Double-Acting Tool Combination for Farmers, Mills, Factories, Teamsters and others. Made of **Malleable Iron and Steel.** Wire-Fence Stretcher and Splicer; Lifting Jack; Post Puller; Press; Wrench; Tire Tightner; Vice; Clamp, etc. Useful in a hundred ways the entire year. Not an experiment—a finely finished tool. **Fully Guaranteed.**

Local Agents—Salesmen

Sell on sight to neighbors and represent us in home county. Fine opportunity. Exclusive plans of Salesmanship—Free instruction. Write for special offer, prices and reserve territory.

AUTOMATIC JACK CO.
Box 106, Bloomfield, Ind.

VETERINARY COURSE AT HOME.

$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. **Ontario Veterinary Correspondence School, London, Can.**

All these you saw the ad in Up-to-Date Farming

—100 Envelopes 50c—

Send 50c for 100 fine white envelopes—full size—with your name and address in corner. Guaranteed best work. Sure to please or money back.

EQUITY PUBLISHING CO., Indianapolis, Indiana

MORE SHEEP

A WEST Virginia Cadet writes that her family has a flock of 114 sheep. Of course, that is not a large flock, but it is larger than most farmers have, and if intelligently managed, it brings more real profit than any other stock on that farm, certainly so if investment and cost of keep be considered.

Sheep are adapted to almost all portions of the north half of the United States, and particularly so to the hilly portions, and yet one may travel miles and miles through these very regions and never see a sheep. The number of sheep in this country could be largely increased without any fear of an over supply. Both wool and mutton have a ready sale, and the price is not beaten down by the buyers' trust or combine, and the triple means of income, lambs, wool and mutton, is an attractive feature not carried by other livestock.

The use sheep are to the farm is still another attractive feature. No animal is so great a help in freeing the farm of weeds provided the fencing is such as to enable them to be used for that purpose, and in destroying the weeds they convert them into something of real value, at the same time, actually adding fertility to the fields.

There is an actual need for more sheep and there is no line of stock raising that bids stronger for expansion on the farms. The only thing to guard against is low and swampy ground. Sheep do not do well in muddy pastures.

WHEN TO TRAIN COLTS

Prof. Jesse Beery, Pleasant Hill, O.

COLT training on the average farm does not occupy a very prominent place in the list of duties to be performed.

It is too often a rainy day job, or left for the boys to do, or placed in the line of duties for incompetent hired help.

There are many who think it best to begin the training of a colt when it is a few days old, and gradually train it so it will be well broken when it arrives at the age of usefulness.

Colt training is of too much importance to allow it to take a subordinate place in the work about the farm.

There is scarcely a day passes without using a horse in the same way. The work may be made very unpleasant day after day, year in and year out, because of some unpleasant habit of the horse.

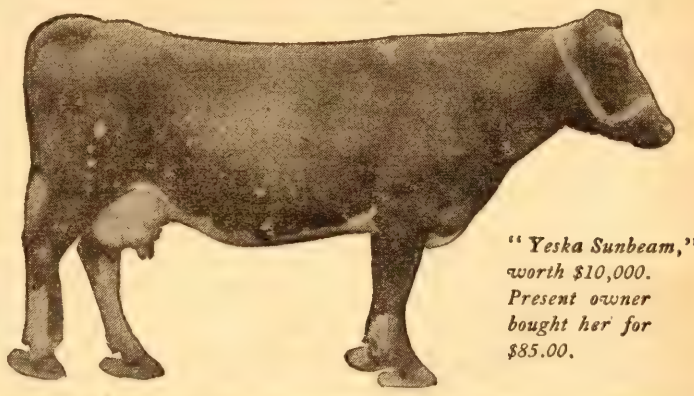
When one hitches the horse to a new buggy, or to a piece of machinery that has probably cost more than a hundred dollars, the risk of losing that buggy or piece of machinery depends upon the trustworthiness of the horse.

It would surprise many farmers and teamsters if they had an accurate account of the amount spent annually for repairs or breaks caused by horses.

There is not only this great loss in wear and breakage of machinery and buggies, but the real danger to human life. It is not an extravagant statement to say that nine-tenths of all the accidents and trouble caused by bad horses can be traced back to improper colt training.

Most of the bad habits that apparently develop later in a horse's life are the result of either the lack of colt training or the wrong kind of training.

Since the pleasantness of many years' work, the possible loss of many dollars worth of machinery and the safety of human lives depends upon proper colt training, it ought to have a more important place in the order of work than simply a rainy day's job. There ought to be some one more re-



"Yeska Sunbeam," worth $10,000. Present owner bought her for $85.00.

Have You a $10,000 Cow in Your Herd?

Don't say no! Maybe you have and don't know it.

We know of three men who *have* owned $10,000 cows without suspecting it. There have probably been dozens of others.

"Yeska Sunbeam"—the first cow to yield 1,000 pounds of butter inside of a year—was bought by her present owner for $85. The seller lost $9,915.00 right there. Two other 1,000 pound cows, "Jacoba Irene," who made a record of 3,148.8 pounds of butter in three years, and "Missy of the Glen," were both sold as *ordinary* cows at *ordinary* prices.

They were really worth $10,000 apiece. Bull calves from such cows are worth $5,000! And all this money (to say nothing of the fame of owning such a cow) was sacrificed because the original owners didn't take the pains to *know their cows.*

Do You Know Your Cows? Have *you* found out what *each* cow can do? Could *you* by any chance sell, unawares, a cow with $10,000 possibilities in her? Let us help you never to make such a mistake. Let us put you on the *sure* road to *doubled profits,* if not fame and fortune. Practice the *better* methods of breeding, caring for and feeding cows. They're all explained in our great butter book—

"Half a Ton of Butter per Cow per Year"

written by Prof. H. G. Van Pelt, of Iowa, one of the leading dairy authorities in the country. It describes in detail the methods of feeding and management by which each of the world's record cows have been developed to produce 1,000 pounds of butter inside of a year. Tells how to find out which of your cows are good and which are poor. How to feed and care for your good cows so as to double their butter yield. Gives dozens of secret methods of feeding used by the most successful feeders and breeders, and heretofore known *only* to them. Tells how to get all the milk, butter and profits out of your cows that they have the ability of producing. You need this information. If you have a cow worth $10,000 it will enable you to recognize her. If it cost $5 it would be worth the money over and over. **Of Course It Would**—if it showed you how to turn a single medium cow into a heavy butter producer worth $10,000, or $5,000, or even $1,000. Yet the offer we make calls for no such outlay.

Our Offer One copy of "Half a Ton of Butter" Postpaid and Farm Journal four full years **Only $1.00**

Book and Paper may go to different addresses, if necessary

Any cow-owner who does not read Farm Journal is doing his herd an injustice. It is a real and vital help for the cow owner, as well as everyone else who lives in or near the country—poultrymen, horsemen, fruit growers, truckers, villagers, suburbanites, the women folks, the boys and girls.

All read it with deep interest; it is the standard farm and home paper of the country. 34 years old, has 750,000 subscribers and more. Clean, clever, cheerful, and "business" from start to finish. As practical as a plow, as readable as a novel. Unlike any other paper and always has been.

Send dollar bill or money order. We'll get that butter book to you as fast as the mails will carry it and if you order within 10 days, we will also include Free, splendid 48 page Poor Richard Revived Almanac for 1911, full of wit and wisdom.

FARM JOURNAL
133 Clifton Street
PHILADELPHIA . . . PA.

FARM JOURNAL
133 Clifton Street, Philadelphia, Pa.

Enclosed find $1.00. Send the book, "Half a Ton of Butter Per Cow Per Year" and Farm Journal for four full years to

Name _____

P.O. _____

R.F.D. _____ State _____

Include the Almanac Free, if this order is received in time.

REQUEST TO READERS! Advertisers Want to Know in what paper their advertisements are seen. Therefore please mention **UP-TO-DATE** every time you write to our advertisers

Wanted--A Club Agent

in every community who will get renewals, and all farmers to subscribe for Up-to-Date Farming. Pay either valuable premiums or a liberal Cash Commission. Address UP-TO-DATE FARMING, INDIANAPOLIS.

ALFALFA CLOVER SEED

Northern grown, "Full of Life," tests 98% purity, 95% germination. Write for samples and prices and New Beautifully Illustrated Catalog which tells about the best varieties of "Full of Life" Seeds, Plants, Bulbs, Shrubs, etc.
H. W. BUCKBEE, Rockford Seed Farms, R. F. D. 70 ROCKFORD, ILLINOIS

25 COPIES 25c

Send 25 cents stamps or silver at once and get 25 copies of this number (Jan. 1) and put them in the hands of your neighbors for the good of your crops, markets and prices. Do it before you forget it.

THE FARM AUTOMOBILE
If You Buy One, Buy the Right Kind

THE city sport and joy rider has reduced his purse, and thousands of abused second-hand autos are for sale to the farmer.

The United States financiers are applying the brakes to the American manufacturing industry in the interest of politics, which is forcing the sale of a lot of cheap autos designed for city sports; and the farmer is the dumping ground for this junk which is unfit for his service, comfort and profit.

A city dray is a wagon, but it is not a farm commodity. The city auto is not a farm commodity. Regardless of this it goes to the farmer through clever selling schemes to his sorrow, as a high-grade article, very, very cheap.

Results of this are deplorable. It drives out the most useful farm machine ever introduced. When properly designed and built for farm service, it is a local distributor of products; it brings a farm fifteen miles from market within one hour's drive, a saving of three hours one way. It increases the value of land, and permits the farm to operate and control its own interurban railway. This can not be successfully accomplished with a cheap city auto.

First determine what parts are used in high-grade autos, then compare them with your auto, and you will be surprised. I have had personal experience with autos for four years, and I certainly condemn the cheap auto as a money thief. I can also highly recommend a high-class auto as the most profitable investment I ever made.

Any person who will equip himself with a list of auto parts that are graded, with an explanation of the weak points by a reliable consulting engineer, can select an auto that will serve him profitably and with pleasure, and he will profit by some sad experience of others; and the dumping ground for city autos will remain in the city, where it belongs.—G. S. Gunderson, in Farm Journal.

AUTOMOBILING AT NIGHT

The following is from an advertisement of the Chalmers automobile. We think it is worth reprinting.

Do you know the joys of "night-riding"—of automobiling over country roads in the darkness? If you don't—if you are only a daylight motorist—you have missed half the delight that your car can afford you.

To slip quietly along some woodland road, to watch the beam of brightness from your lamps boring its way into the wall of darkness ahead; to listen to the call of night birds and the eerie noises of the forest—this is to feel again the thrills of childhood, when bogies lurked behind parlor chairs and ogres haunted the dark hall stairway.

At night an automobile seems to run better; its motor, in the night air, hums a sleepy lullaby of peace. At night the roads seem better; little inequalities that would bother you in the daytime are passed over annoticed.

As you glide along what a wonderful panorama unfolds itself! Ahead is a tunnel of light—walled in at the sides by impenetrable blackness and arched over above by the shadowy masses of foliage between which perhaps you can see the starlit sky.

As you turn corners or swing around curves what wonderful vistas does your headlight beam explore. You are in the nave of a vast cathedral. The roadside trees, their boles shining white in the glare, stand like mighty columns.

All the while you sit rapt in wonder, your eyes ever following the light-beam. Each turn of the road is an adventure; the top of each hill an unknown land. On you go into the darkness, till the spirit of the woods enwraps you with its mystery and the spirit of the night breathes into you its calm. You forget your worries and cares. Then you wend your way homeward, rested, refreshed and at peace.

And how you do sleep!

—CHARLES M. STEELE.

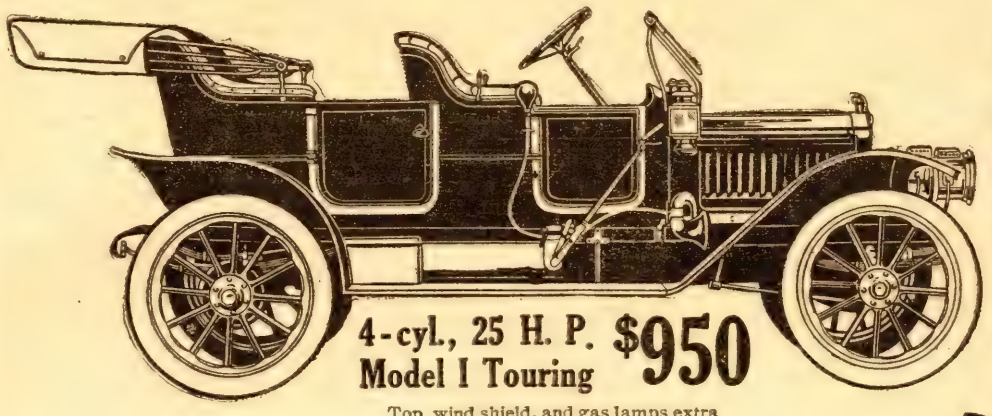
$3.00 For a Letter

We would be glad to receive letters from subscribers giving their experience with autos. Tell us what you do with yours and whether you think it a good investment. What does it do for you? Send photographs.

For the best letter of not over 500 words received before March 1, 1911, we will pay $3.00. For the next two letters $1.00 each.

You have a chance to express your ideas on the subject and a few words may earn the $3.00 for you.

I Built this Maxwell Especially for Farmers



Here's the Car you've waited for at a price you can afford.

4-cyl., 25 H. P. Model I Touring $950

Top, wind shield, and gas lamps extra

LAST year we sold 4,227 Maxwells to farmers. Think of it! This so stirred my enthusiasm that I resolved to design a car for *farmers especially*. One that would stand the hardships and terrific punishment of rough farm work, and yet stand up 365 days in the year.

Typical Farmers' Car

Operating a farm myself, I knew what was wanted. I knew the car must be substantially built of first-class materials. That it must be a big car, adaptable both for business and pleasure. That it must possess ample power. That it must possess simplicity and accessibility of parts. Above all, it must be a car of stylish lines and dignified appearance. Such a car I built. When I figured up manufacturing cost, to my great surprise I found that owing to the tremendous Maxwell facilities and output I could sell this car at the exceedingly low price of $950. Such car value was never before known.

Not a City Car

It doesn't pay to sell a car built for city use—fine boulevards and macadam roads—telling the farmer it is the ideal car for the country. This policy may sell the first car, but never the second.

Ask any Maxwell Owner

Ask any Maxwell owner what it has cost him, saved him and produced for him. How it has saved his horses. How it has kept young men with their father on the farm because of its money-making possibilities. Ask him how it compares in expense with horse-drawn vehicles—if it is a paying investment.



These Books Free

Let me send you our latest catalogue, new "Farmers' Economy Booklet" and other timely literature. I will gladly send you these books free—and no obligation. Write me today. A postal will do. Just say, "*Mail Books.*"

Be My Guest Call on the nearest Maxwell dealer. I have arranged for him to invite you and your family to ride in any Maxwell you select—at my expense. Be sure and try the Model AB—the new 16 H. P. Farmers' Runabout at $600. Satisfy yourself that all Maxwells work alike—that they are equally reliable. The car will save you money, just as it has 40,726 other Maxwell owners.

J. D. Maxwell *President and General Manager*

SALE OF MAXWELLS TO DATE

Sold to Nov. 30, 1910 -	40,176
Sold during Dec. 1910 -	550
Maxwells in use today -	40,726

WATCH THE FIGURES GROW

MAXWELL-BRISCOE MOTOR CO.

Hess Street, Tarrytown, N. Y.

Licensed under Selden Patent



This FREE Monograph—Shows How To Save One Half Your Hatching Expense

Every one knows that no sensible hen turns her little brood of strong, healthy, newly hatched chicks over to another hen to rear—she broods them herself. The most successful artificial hatching and brooding must follow as closely as possible the natural method of the hen.

The Hatch-Brood

Is a Natural Mechanical Hen

In it the same conditions prevail as under the hen—the same temperature, moisture and ventilation, which hatched the eggs, rears the chicks—they are not transferred to conditions entirely different in character—and fatal to successful brooding.

The **Hatch-Brood** has all the advantages of the best incubator made—assuring the largest percentages of sturdy chicks—when your hatch comes off you merely remove the egg tray and attach the hover curtains—takes but ten seconds—and you have as good a brooder as you had an incubator.

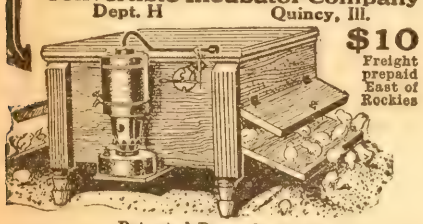
The Hatch-Brood Saves 50% of Your Equipment Expense

—and unless you are going in the poultry business on a **very large** scale, you will find it just what you need.

Write Today For Our FREE Monograph

It is full of valuable information to every farmer and beginner in the poultry business.

Convertible Incubator Company
Dept. H Quincy, Ill.



$10 Freight prepaid East of Rockies

Patented December 6, 1910.

125 EGG Mankato Incubator $7.25



The high-grade hatcher now down to bedrock price. Well built of best material. Has double walls, heavy copper hot-water tank and boiler, self-regulator, nursery, high legs, safety lamp, egg tester, thermometer, etc. None better at any price. Sold direct from factory under binding guarantee and long-term trial. The result of 16 years' experience with incubators and raising poultry. **Brooders for 120 Chicks, $2.25; for 240, $3.50 and up.** Write at once for big free catalogue and poultry book.
MANKATO INCUBATOR CO., BOX 651, MANKATO, MINN.



LIFE PRODUCERS
SUCCESSFUL INCUBATORS
LIFE PRESERVERS
SUCCESSFUL BROODERS

The only machines that rival the mother hen. Sold on a **Direct-to-You Factory Price.** Get our **Big FREE** Incubator Book and save 40%. Send postal now. Booklet, "Proper Care and Feeding of small Chicks, Ducks and Turkeys" sent for 10c.
DES MOINES INCUBATOR CO., 153 Second St., Des Moines, Ia.



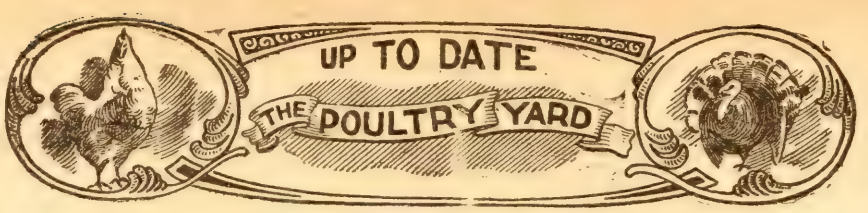
200 Egg Incubator $3.00

No freight to pay. Actual hen in Natural Hen Incubator heats, ventilates, controls everything. No lamp, no costly mistakes. Best hatcher in the world. Agents Wanted. Catalog free. **N.H.I.Co., 1349 Constance St., Dept. 70, Los Angeles, Cal.**

Big Profits FROM A SMALL PIECE OF GROUND

The author of "The Smith Method of Poultry-Keeping" cleared $2,437.72 in one year from a space only 40 by 60 feet in a large city. This is the best, most comprehensive, and practical system we know of for keeping many fowls on a small lot; produces summer conditions in winter, and makes hens shell out eggs when prices are highest. Complete instructions for care and feeding. No elaborate equipment required, and all work and care is cut down to the minimum. Is also well adapted for large plants. Easy to build and easy to operate. Price $1.00 including a year's subscription to POULTRY SUCCESS, the best and most popular poultry journal.

THE A. D. HOSTERMAN CO.,
Springfield, Ohio, Smith Desk, 99.



MORE EGGS

I'm for the hen, the lowly hen;
She lays an egg today and then
Tomorrow goes about her biz
And where her nest of rubbish is
Lays us another. Cluck on cluck,
Day after day with endless pluck;
Happy if in solitude
She may at last hatch out a brood
Of fluffy chicks with yellow legs,
To become hens and lay more eggs.
—Selected.

GAIN IN IMPROVED BREEDS.

EVERYBODY likes to make gains. There is no question but there are gains in improved breeds of poultry, and these gains have been made by long and patient study and careful breeding. It takes years to improve any kind of livestock, for each effort must be studied and watched for a year before the result can be known. The average farmer can not afford to do that, but by buying the improved stock he can get the immediate benefit of all that has been accomplished in perhaps fifteen or twenty years of patient effort.

In poultry the work for improvement has been in points of excellence as defined by the Standard, and in uniformity in size, shape and color; but the most wonderful improvement has been in egg production, and this is the feature that appeals most strongly to farmers. Few know the egg capacity per hen of their flocks. They do know, however, that they feed and care for from fifty to two hundred hens, and that they gather up such number of eggs as may be laid, sometimes more, sometimes less, but never anything like approaching the number of hens. With the improved varieties that have been bred up to laying qualities it is different. Such hens have made records as high as 240 eggs a year, and a record of 200 is not uncommon. This is the blood that is needed in the farmer's flock, and it is the result of the long and patient effort of which we have spoken. Compare the number of eggs you get per day with the number of hens you keep and it will give a faint idea of what this improvement means. Not many farmers think of that when improved poultry is mentioned, but it is true nevertheless. Had there been no patient and earnest labor in this work of improved breeding, the old barnyard flock would still be only the same old barnyard flock.

Every time any one obtains "the latest improved," fowls that have been bred up to the highest egg production, he gets all these years of labor performed by some one else, for the mere difference in cost between the new and the old. He is then ready to begin at the highest point the worker for improvement has reached. And when his own breeding from these high class fowls shows a tendency to "go back," as it may in time, a single purchase may give him the required new blood, put him ahead again, with the benefit of all that has been gained since his former purchase. It is thus easy to keep up, if not ahead, and no farmer or poultry raiser makes a mistake when he buys the latest and best, for him that he could not well take time to do for himself even if he had the skill. This is emphatically true if more eggs per hen is the object, and that is the leading object of poultry on the farm. Get the strains that have been bred for that purpose.

THE INCUBATOR

EVERYBODY is in a hurry. Nothing goes as it used to go. "The early bird gets the worm," and even the farm poultry raiser wants early chicks. The incubator is an entirely practical machine on the farm, and it will hatch chicks much earlier than the hen will do it.

In other words, the incubator supplies a need on the farm, and its operation is not the startling proposition many on the farm have thought it. It requires no great amount of preparation, and the instructions that usually go with the machines are comprehensive, easily understood and not difficult to follow. The only thing to be exact about is the temperature, and even that may vary some degrees without serious results.

And then the care of the chicks is much like the care of chicks hatched under a hen. Of course, the hen is not there to do the part nature taught her so well how to do, nor is she there to take the chicks into dangerous places, nor to have them out when dews are abundant and cold, or when sudden rains come upon them. The thing is to keep them warm and dry, and where they may safely take reasonable exercise, have plenty of feed and water, with due regard for needed grit, and yet be allowed to do a little natural hustling for a portion of their food.

There are brooders, of course, that provide all these conditions, but quite simple arrangements may be made that answer the purpose. The absence of the hovering hen must be provided for at night, and at rest time during the day, but the skillful raiser of hen-hatched chicks will be at no loss to



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

Insures Clean Fowls—Large Profits It has been the standard lice-killer for over 25 years—the standby of successful poultry-keepers. Easily used, absolutely safe; sure and quick in results. Try it and see your fowls grow faster and hens lay more. If not at your dealer's send 10 cents for sample of **powder** for hens or of **ointment** for head lice on little chicks. Valuable booklet "Eggs and How to Get Them" mailed for 2-cent stamp.
O. K. STOCK FOOD CO., 370 Traders Bldg., Chicago

SHOEMAKER'S BOOK on POULTRY



and **Almanac for 1911** has 224 pages with many colored plates of fowls true to life. It tells all about chickens, their prices, their care, diseases and remedies. All about **Incubators,** their prices and their operation. All about poultry houses and how to build them. It's an encyclopedia of chickendom. You need it. **Only 15c.**
C. C. SHOEMAKER, Box 930, Freeport, Ill.

Greider's Fine Catalogue



of pure bred poultry, for 1911, over 200 pages, 57 colored pictures of fowls, calendar for each month, illustrations, descriptions, photos, incubators, brooders, and all details concerning the business, where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. **Send 15c. B. H. GREIDER, Box 46, RHEEMS, PA.**

MONEY IN POULTRY AND SQUABS



FOY'S BIG BOOK tells how to start small and grow big. Describes World's Largest Pure-bred Poultry Farm; gives great mass of poultry information. Lowest prices on fowls, eggs, incubators and brooders. Mailed 4c. in stamps.
F. FOY - BOX 45 - DES MOINES, IOWA.



PFILE'S 65 VARIETIES

LAND AND WATER FOWLS. Farm-raised Stock, with EGGS in season. Send 2 cents for my valuable illustrated descriptive POULTRY BOOK for 1911. Write today.
HENRY PFILE, Box 615, Freeport, Ill.



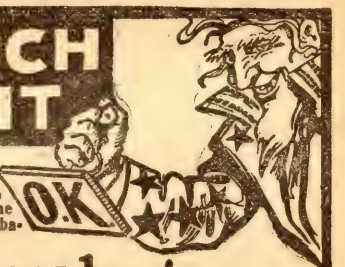
48 BREEDS Fine pure bred chickens, ducks, geese and turkeys. Northern raised, hardy and very beautiful. Fowls, eggs and incubators at low prices. America's greatest poultry farm. Send 4c for fine 80-page 17th Annual Poultry Book.
R. F. NEUBERT, Box 818, Mankato, Minn.

White Plymouth Rocks
CORRECT TYPE
Indian Runner Ducks
Booking orders now for Duck Eggs to be delivered next spring. Send in your orders.
J. B. HOWE, Judge, Box M, Fortville, Indiana

We Pay $36 A WEEK and expenses to men with rigs to introduce poultry compound. Year's contract. **Imperial Mfg. Co. Dep. 57, Parsons, Kan.**

BEEKEEPING its pleasures and profits, is the theme of that excellent and handsomely illustrated magazine, GLEANINGS IN BEE CULTURE. We send it for six months on trial for twenty-five cents, and also send free a 64-page book on bees and our bee supply catalogue to all who name this paper. THE A. I. ROOT CO., Box 96, Medina, O.

THE SURE HATCH IS MADE RIGHT



Uncle Sam never says how a thing ought to be made until he knows. Farmer's Bulletin No. 236 of the U. S. Dept. of Agriculture tells the right way to make an incubator and what features a good incubator must possess. The **Sure Hatch contains every one of those features and is made exactly as Uncle Sam says an incubator ought to be made.** The

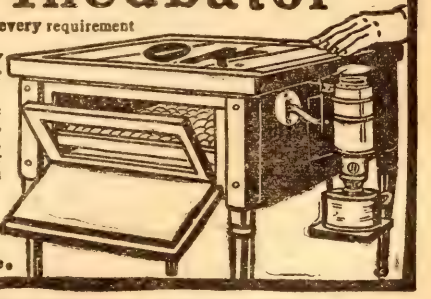
Sure Hatch Incubator

is the only one on the market that unqualifiedly meets every requirement of the government. It's the one perfect incubator.

We will send you a Sure Hatch for a 60 DAY FREE TRIAL, pay the freight, and refund your money if you are not satisfied.

Send for Farmer's Bulletin No. 236, sent free by the Government. Send also for the Free Sure Hatch Book. Read the Government requirements of a good incubator, then read the description of the Sure Hatch Incubator and you will see why we guarantee the Sure Hatch to hatch every fertile egg.

Write for catalog. Early chicks pay best.



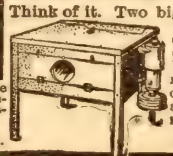
Sure Hatch Incubator Co.,
Box 28 Fremont, Neb.

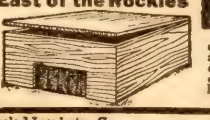
140 EGG Incubator and 140 Chick Brooder Both For $10

Freight Paid East of the Rockies

FREIGHT PAID

Think of it. Two big machines (140 capacity) only $10 if ordered together. Guaranteed 5 years. Incubator is made of best California Redwood, completely covered with asbestos and galvanized iron, hot water type, triple walls, copper tank and boiler, self-regulating, galvanized lamp bowl, O. K. burner, Tycos thermometer, egg tester, roomy nursery under egg tray, complete ready to use. Brooder is large, well made, fireless type. Can be used out-doors. No others equal the Ironclads. Compare size, quality of lumber, workmanship with any and you'll surely buy the Ironclad. Send for **Free Catalog** or send in your order—money back if not satisfied. Ask publishers of this paper about our responsibility.





"Your Ironclad can't be beat. I beat all my neighbors and they say my machine is a wonder."
R. CARTWRIGHT, Kansas, Ill.

"We hatched 119 chicks from 122 eggs and 121 chicks from 125 eggs. Incubator very easy to operate. Regulates itself." H. J. ORTT, Newcomerstown, O.

IRONCLAD INCUBATOR CO., Box 48, Racine, Wis.

Ironclad Incubator Co., Romeny, W. Va.
Dear Sirs: The incubator we bought of you was the best we ever saw. I have had three hatches. The first time I placed 120 eggs in the machine and got 109 chicks; the second time we got 119 chicks from 127 eggs and the third time 129 chicks from 130 eggs. I can gladly recommend the Ironclad incubator as the best made. Yours truly,
J. B. POWNELL

Ironclad Incubator Co., Hamlet, Ind.
Gentlemen: I am perfectly satisfied with both incubator and brooder which we bought of you as we had fine luck with them. We bought two incubators last summer—one an Ironclad and the other another make and we wish they were both Ironclads. Yours truly,
MRS. C. E. DAY

Ironclad Incubator Co., Manitou, Okla.
Dear Sirs: I received incubator and brooder all O. K. and they were in good shape. From the first batch I got 112 chicks from 125 eggs. How is that, as I never run an incubator before. I think the Ironclads are good in every way.
Yours respectfully,
W. DORSEY, R. No. 4

Ironclad Incubator Co., New Cumberland, Pa.
Gentlemen: I had very good success with the Ironclad incubator I bought of you last spring. I had two hot air incubators on trial but give me the hot water. I think I will get another Ironclad in the spring. I cannot say too much for your incubator. They are very easy to operate. After you get the right temperature there is nothing to do but turn the eggs and fill the lamp. Yours respectfully,
C. P. CHAPMAN, P.O. Box 183

know what is required and how to provide it. The incubator and brooder is even now quite common on the farm, and it will rapidly become more so, for there is profit in poultry, and everybody is anxious to "get there." The incubator brings the early chicks.

THE HEN AND THE EGG

AFTER all, it must be confessed that egg production is the principal poultry asset on the farm. If the right breed be choosen and skillfully managed, the income from eggs is a perpetual one—sometimes greater, sometimes less—but season really need make but little difference. To have perpetual egg production, no matter what the variety, one thing must be regarded that is not often mentioned. When one portion of the flock is doing its utmost another portion must be held somewhat in reserve, to come in in full vigor when the other portion slacks off somewhat from exhaustion. Nature must have a season of rest, or, at least, of partial rest, or it will soon exhaust itself and cease work altogether. All know that the early pullets are depended upon mainly for winter layers, and that is because they go to work with the vigor of youth; but those same pullets are not the best spring and summer layers because they have become exhausted during the winter and now need some rest and recuperation. If there was any way to keep a flock of hens from laying at all during the summer, and then set them to work about the middle of November, they would solve the question of winter egg production. But nature will assert itself.

We need not say that some varieties of poultry are better egg producers than others, for all who have had any experience know that. Generally speaking, the small or Mediterranean breeds are the best layers. They have established their right to that distinction and still maintain it. The Leghorns, in their several varieties, have seldom been surpassed, and their smaller cousins, the Hamburgs, hold them a fairly good second. But these birds, though hardy and good hustlers, well adapted to farm life, are smaller than many farmers care to adopt. We can say, however, that the Leghorns are profitable fowls on the farm, and in saying that we speak from experience.

But there are other and larger varieties that it is hard to discount in the matter of egg production. Among these we may mention the Rhode Island Reds. This is really an American breed like the Plymouth Rocks and Wyandottes, and it has not been very generally distributed except for a comparatively few years; but it has made good as a layer, and it is large enough for a good market bird—hardy, quick to mature and an excellent setter and mother.

And since we have mentioned them, the Plymouth Rock and Wyandotte maintain their long held reputation as all-purpose fowls. They are always ready for market or the table, and they are good layers of large and popular eggs. They make fine winter layers if not permitted to exhaust themselves during the summer.

The Minorcas also well deserve mention here. They are not even yet very generally distributed throughout the country, but they are giving good satisfaction as layers, and as all-purpose fowls, and, as a consequence, they are gaining rapidly in popularity.

The Orpingtons, too, are coming in well with the Minorcas and Rhode Island Reds. They are large, plump fowls, and some wonderful successes have been reported with them.

There is a difference in egg production, and farmers and their wives ought to have the best. Two hundred eggs per year per hen is not an unusual record. At all events, it is frequently made, and even exceeded, but the ordinary farm flock does not reach it; and we are writing for the improvement of the farm flock.



U.S. Dept. of AGRICULTURE
Farmers' Bulletin No 236
INCUBATION and INCUBATORS
A PERFECT INCUBATOR MUST
"Be made of unshrinkable material and air tight"
"Have double doors perfectly fitted"
"Have double disc heat regulator"
"Have nursery and chick tray"
"The top should be unincumbered"
"The body should be on good strong legs."

Uncle Sam's Verdict on Incubators

The SURE HATCH
Meets All Government Requirements

This is conclusive evidence that the **Sure Hatch** *is the* **Best Incubator Made.**

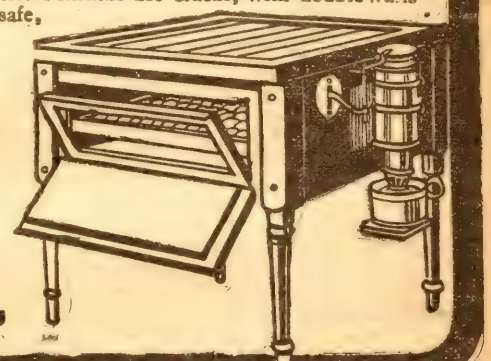
Government experts take nothing for granted. Tests are made under every possible condition. No detail of construction is pronounced right until it has *proven* itself so under rigid tests. Note carefully the requirements of a perfect incubator listed at the top of this advertisement.

Go carefully over the construction of the

SURE HATCH INCUBATOR

It contains *every one* of the features recommended by the Government experts. Furthermore, careful comparison proves that the *Sure Hatch* is the *only* incubator that does contain them all. That's the kind of incubator you want, one that has *proven* itself the best not only in the hands of thousands of beginners, but also in the hands of critical experts—the one that has established a record, and maintains that record year after year, of hatching the largest percentage of fertile eggs into strong healthy chicks.

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INTERNATIONAL POULTRY SALES CO., Brown's Mills-in-the-Pines, N. J.
Home Office Box 270; Branch, 21 Barclay Street, New York, City

MID WINTER POULTRY CHATS

By. Mrs. J. B. Howe, Fortville, Ind.

NOW is when the two roomed house shows its real value. Unless well protected from cold north and westerly winds, the fowls should not be allowed to roam at large after having long been snugly confined, but if the location is protected and sunny, they will delight in a few hours liberty, and will pick up many choice bits of mineral and vegetable matter that will be of benefit to them. But if the shelter or protection is lacking, and they are compelled to keep to the house, it should be kept scrupulously clean, the floors well littered, and a few handsful of grain strewn therein to keep them busy and cheerful, which are but other words for healthy and profitable.

Corn, though apparently preferred by all manner of fowls, is not the best for this midday scratching lunch, because it is too easily found. Wheat, oats, millet seed, Kaffir corn and other small grains serve a better purpose, because they become hidden in the litter, require scratching to find them, and thus prolong the lunch and insure natural exercise. It is a hen's nature to scratch, and she likes to do it if she can occassionaly find simething to eat.

Winter's sudden changes in temperature often develop colds which, if neglected, may develop into some form of roup. Damp houses are good breeding places for disease, particularly so if they are also dark. Strict watch should be kept on the flock to detect the first symptoms, for in this it is certainly true that "a stitch in time saves nine." Remedial measures are far more effective if applied early.

A good time to detect troubles of this kind is after the fowls have gone to roost. If they sit quietly and serenely upon their perches, it may be taken that all is well; but if one sneezes here, another rattles in the throat there, and another scratches at an eye, colds and trouble are knocking at the door.

The open front house tends to toughen the fowls, and in trying midwinter times this is no little advantage. Having a constant supply of fresh air, both night and day, keeps them in health, and they are not nearly so apt to take colds. Then if they are obliged to be kept in, the confinement, even through mild weather, the scratching room on the south, with nothing but wire netting between them and sunshine and outdoors, makes the imprisonment hardly noticeable.

Beware of overcrowding. There should be ample room on the perches for every fowl, and none should have to hide away in corners, or bunch up under the roosts. Old fowls are not apt to do that, but young or late hatched chicks will if crowded, and they should be watched.

An occasional cleansing of the drinking vessels, with water in which a few drops of carbolic acid has been put, tends to cleanliness and health, and is especially important if there are any signs of roup in its many varieties.

Should roup manifest itself in a swollen and closed eye, a weak solution of borax, or boracic acid, in soft water is useful as a wash. The rattling in the throat, which is really bronchitis, yields, if taken in time, to a treatment of aconite. Any druggist can give directions. In case of canker, the cheesy matter must be removed from the throat or roof of the mouth and powdered chlorate of potash sprinkled on the affected part.

By far the best remedy for all poultry diseases is prevention; and if any fowl becomes seriously affected in any of these ways, it had better be killed and the carcass burned. If the ailment does not readily yield to treatment it becomes an annoyance to the owner and a menace to the rest of the flock.

Some good tonic, roup tablets or pills, and some Douglas mixture for the drinking water, are good things for the poulterer to keep in stock. Reports from many places indicate that roup and colds are more than usually prevalent this season.

The Egg Market

Maud E. Smith Hymers

When the city's full of "corners,"
And strike rumors fill the air;
And the price of eggs soars upward
In a way to make us stare;
Then the farmer housewife's fancy,
Does in pleasant pastures stray,
And the burden of her song is
"When the hens begin to lay"

Refrain

"When the hens begin to lay,
Then will come a happy day;
Oh, the lovely things I'll buy
When the hens begin to lay."

"There'll be playthings for the baby,
There'll be college for the boys;
Husband thinks a yacht and railroad
Would complete his earthly joys.
I must have some tailored garments
And some diamonds right away;
And we'll send the girl to Europe
When the hens begin to lay."

But, alas! for woman's planning,
And, alas! for woman's woes,
There are other hens in business
With the melting of the snows,
And the price of eggs drops lower
Till we know it's down to stay,
And the only way to beat them
Is to eat the hens that lay.

When the hens begin to lay
In the spring it doesn't pay;
Just one hen could break the "corner"
If she'd only start and lay.

Knew the Picture

An Irishman who had purchased a livery stable had a large picture of himself riding a donkey painted for a sign. He thought it a hit, and was proud of it. A brother Irishman came along and stopped to look at the picture.

"That's a good picture, aint it?" remarked the liveryman.

"The picture of you is all right; I can easily recognize that. But who the devil is it that's ridin' ye?" was the reply.

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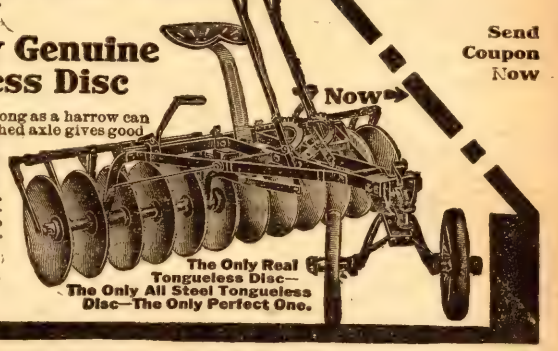
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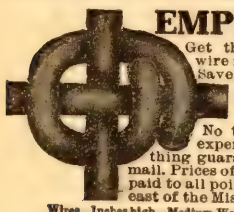
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GARDEN and ORCHARD

SAMUEL ARMSTRONG HAMILTON, Editor

The editor of this department will answer inquiries by mail if a stamped envelope be enclosed, and desires all to write him freely. This is your department; use it. Horticultural books and pamphlets will be reviewed if sent in. If you desire to know where any seed, plant, or implement can be had, write me. If obtainable, I will tell you.

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FERTILIZERS AND MANURE FOR THE GARDEN

Barnyard Manure

IT has been said by one of the most expert writers on manures and their relation to garden crops, that; "A well-kept manure heap may be safely taken as one of the surest indications of thrift and success in gardening," to which I say reverently, "Amen." The neglect of this source of wealth is so common as not to cause comment, whereas, it should cause universal condemnation. According to recent statistics, there are in this country, a total of 161,000,000 horses, cattle,, hogs and sheep. Experiments seem to prove that if these animals were kept in stalls, or pens, throughout the year, and the manure carefully saved the approximate value of the fertilizing constituents of the manure which would be produced would be a total of $2,225,700,000, based upon the values usually assigned to phosphoric acid, potash and nitrogen, in commercial fertilizers.

It has also been proven by carefully conducted inquiries, the investigations of the United States Department of Agriculture and the various experiment stations, that one third of the entire quantity of manure and its fertilizing constituents go to waste. The almost criminal neglect in allowing this manure to go to waste is intensified when we consider that when the gardener and farmer sells crops off the farm (and garden crops are all sold off) they are removing just that much of those plant-foods, and it must be restored, if productiveness is to be maintained. The saving of the wasted manure would make up the deficiency caused by selling certain crops off the farm, and it is up to the intelligent farmer to conserve every ounce of this manure to assist in keeping up the fertility of his soil.

One of the foremost causes of the loss of manure fertility is the predilection of the average farmer for the "bank-barn." This style of barn is favored in order that the hauling in of his crops on the barn floor may be easy. In order to accomplish this, he will by preference put his barn on the side of a natural hill, or make an artificial one.

The result is that his barn yard slopes away from the barn; the manure is piled under the eves, perhaps, or in many cases, out in the open, and the rain is allowed to leach the good fertility out of it, which runs away and is lost. There are many cases where the farmer selected the spot for the barn on a rise, near a stream, so as to have water at hand for all purposes, but especially to water stock. In many such cases the liquid portion of the manure escapes into the stream, and the farmer is so much the poorer.

The farmer, who, instead of selling his crops off the farm, feeds everything to livestock, is the one who saves the greatest amount of fertility, especially if he takes measures to save the liquids from the barns, and does not allow the manure to lie out in the open to leach away.

On farms which are equipped for the economical feeding of more stock than feed for which can be grown on the farm, it is economy so to do, as the difference will be more than made up in the value of the manure, and the increased fertility of the farm as a whole. But these advantages will not be secured unless the manure is so conserved that every bit of plant-food it contains is carefully retained.

The growing of more **leguminous** plants is another additional means to increase the fertility of the garden, provided they are fed on the farm, and a proper proportion turned under as green manure. Soy-beans, cow-peas, clovers and alfalfa are the best crops for this purpose, some doing best in one locality, and some in others. The important fact is to grow them, feed them, and turn them down at the right time.

It is hard to turn the average gardener from old, time-honored practices, and it is to this we attribute the great loss of manure fertility on the farms of this country. They hesitate about incurring the expense of putting up new buildings in which to feed stock,

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CELERY, Golden, Self-Blanching, best crisp, keeps.
CUCUMBER, Family Favorite, prolific, good.
LETTUCE, May King, tender, delicious.
MUSKMELON, Rocky Ford, the best everywhere.
WATERMELON, Deposit Early, earliest, sweetest.
ONION, Prizetaker, weight 3 lbs., 1000 bus. per acre.
PARSNIP, Improved Guernsey, smooth, sweet.
PEPPER, Crimson King, early, large, sure.
RADISH, White Icicle, best, early, long, tender.
TOMATO, Earliana, best, extra early, smooth.
TURNIP, Sweet German, large, sweet, good.
ASTER, Deposit Show, 200 best showy sorts.
DIANTHUS PINKS, Prize Mixed, 100 best sorts.
PANSY, Berlin Giants, mammoth, rich colors.
COSMOS, Giants Mixed. POPPY, Grand Mixed.
SWEET PEAS, California Giants, large mixed.
ANNUALS, Summer Garden, 500 fine flowers.

We are extensive and reliable growers. Tell all your friends to send.

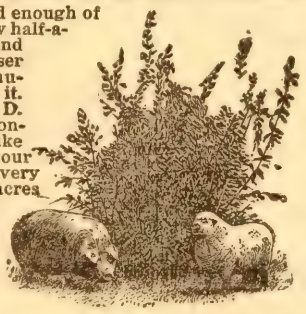
DEPOSIT SEED CO., Deposit, N. Y.

Peach Trees

800,000 Peaches 5 to 7 feet 9c.; 4 to 5 ft. 8c.; 3 to 4 ft. 6c.; 2 to 3 ft. 4c.; 2 to 3 ft. light 3c. 200,000 Apples, 50,000 Pears, 50,000 Plums, 100,000 Cherry, 300,000 Carolina Poplar, and millions of Grape and Small Fruits. Secure varieties now pay in Spring. Buy from the man who has the goods and save disappointment. Catalogue Free to everybody. Write for it today.

Sheerin's Wholesale Nurseries. Dansville, N. Y.

Three rousing big crops of
SALZER'S
Alfalfa



We have sold enough of this seed to sow half-a-million acres and every purchaser has been enthusiastic about it. Ex-Gov. W. D. Hoard of Wisconsin writes "I like the quality of your Alfalfa Clover very much. On 30 acres I raised over $2500 worth of Alfalfa Hay. There is no better money crop that I know of."

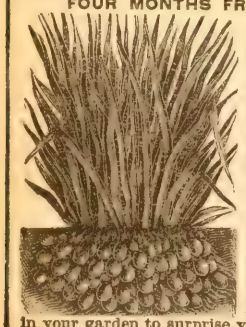
You sow Salzer's Northern Grown Alfalfa and get three rousing big crops, in May, July and August, besides having the best of pastures. It will do this on any farm in America where Timothy will grow. Get full particulars. Write for our 1911 catalog. It's free.

10 PACKETS OF FARM SEEDS 10¢

Here's our great trial collection at one cent a package, composed of *Speltz*, the cereal and hay wonder, *Silver King Barley*, a world beater with 173 bu. per acre, *Bonanza Oat*—swon four farms in 1910—biggest sworn to yield 259 Bushels per acre! *Billion Dollar Grass*, the ten ton grass wonder, *Salzer's* luxuriant *Alfalfa*, and *five* other packets, all *ten* for 10c in stamps. Write for this collection today and we'll also send you a free copy of our great 1911 catalogue.

JOHN A. SALZER SEED CO.
116 South 8th St., La Crosse, Wis.

Grows From Seed
FOUR MONTHS FROM PLANTING



A few **Ground Almonds** (Chufa) growing in your garden this year will give you a great deal of pleasure. Plant in Spring and you will get a crop in about **four months.** Then nut is of fine flavor, resembling the **cocoanut** or **almond**; meat is snow white; **shell** thin, and **great** producer. One nut planted will produce from 100 to 200 nuts. Will grow in any soil or location.

To get new customers to test our seeds we will mail **50 Ground Almond** nuts and **1911 Seed Catalogue** with **10c. Due Bill**, all for **10 cents.** Send today and have something in your garden to surprise your neighbors.

MILLS SEED CO., Box 600, Washington, Iowa.

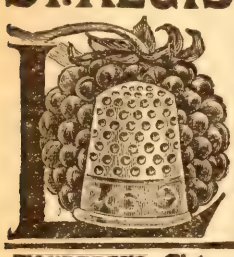
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Finest floral novelty of the season. A magnificent large flower with long stem, of perfect shape and just the color of the noted Enchantress Carnation. Free bloomer and you'll like it. Really worth 25 cents per packet, but we desire to place our large, beautifully illustrated catalog of seeds and plants in the hands of every flower lover and will send it with packet of 50 seeds of Enchantress Aster **Free,** if you mention this paper.

IOWA SEED CO.
DEPT. 71. DES MOINES, IOWA

ST. REGIS EVERBEARING RASPBERRY



Bears the first season! The most productive raspberry—planted in April, bears continuously from June to October of same year. The first to ripen and the last. Berries large, of bright red color and excellent quality — ship 200 miles in first-class order. Absolutely hardy & sun-proof.

Our new catalog Free—tells how to choose and grow small fruits "that produce profits."

J. T. LOVETT,
Box 156 Little Silver, N. J.

WONDERFUL FALL-BEARING Strawberry



Fruits in Fall of first year and in Spring and Fall of second year. **Better than a gold mine.** 500 plants set in Spring of 1910 produced in Aug., Sept., Oct. and Nov. nearly 400 quarts, which sold at 40c to 50c per qt., netting us over **$2,000 to the acre.** We are headquarters for these plants. Also all other Berry Plants —Plum Farmer, Idaho and Royal Purple Raspberries, Norwood and Early Ozark Strawberries. Hastings Potato. 28 years experience. Catalog will be sent you free. Write to-day. **L. J. FARMER, BOX 135, PULASKI, N.Y.**

GALBRAITH "NEW LAND" FRUIT TREES

Free from Disease. Grow faster. Heavier fruiting. Yearling Apples 9c. Other fruit in proportion. Full line ornamentals. No agents. You save 50 per cent. Complete catalogue free

Galbraith Nursery Co., Box 27 Fairbury, Neb.

and to pile the manure under cover, in many cases not even ascertaining the fact that the first cost is merely nominal, when compared to the benefits to be derived from the additional fertility added to the land. It is a new idea, to many farmers, that the manure should be as carefully preserved as any other product of the farm, and it seems to most of them to be unnecessary, and hard to put to practice, after having, perhaps, for many years, stored the manure out in the open, and allowed the fertility to leach out of it and run into the ground where it is lost forever.

There is no question but that the introduction of commercial fertilizers, especially those for garden crops, has made the gardeners careless about the matter of conservation of manure. It should be understood, that while on the modern farm there is the greatest necessity for commercial fertilizers, yet, they must always be considered, and in practice they are, adjuncts to the manure pile, as the humus in the latter can not be put in the soil by any commercial fertilizer, nor can the latter give the mechanical finish to the soil that arises from the regular and proper use of the stable manure. They each have their sphere, but they can not be used inter-changeably.

It is of great importance to the farmer that he be able to approximate the amount and value of the manure which will be made in a certain time by the different kinds of animals. Various methods of arriving at this have been proposed. Some predicate it upon the amount of straw used as litter or bedding, estimating, that for one ton of straw used in bedding there will be four tons of manure produced. It has been found by careful experiment with horses that, using straw as economically as possible, each horse will require 2,500 pounds of straw per year for bedding. With this as a basis, it has been calculated that "a ton of wheat straw, economically handled, may result in from four to five tons of fresh manure." Under ordinary circumstances, it wil result in slightly less than these figures.

These things being true, and they can not be doubted, as they are all the results of careful experiments and researches, it behooves the careful gardener to conserve every atom of his stable manure, in order that he may, with the use of the proper chemical fertilizers, not only add to the soil the fertility abstracted each year by the crops taken therefrom, but add a modicum for building up the soil into greater fertility and fruitfulness. The gardener who works with too close a margin on his soil fertility is making a great mistake. Remember that the average soil originally had sufficient fertility stored ahead to last the crops for years. It should be your endeavor to add just a little excess fertility each year to restore the soil to its former pristine stage.

Chemical Fertilizers

One of the very best writers on chemical fertilizers, a farmer says: "The subject of chemical fertilizers has grown in importance during the past few decades, because of the need of adding plant food to the soil, and in order to reap the maximum crops from our garden lands, and also because of the growing tendancy toward intensive rather than extensive gardening," and there were never truer words on this subject.

When our forefathers first turned the soil for the purpose of growing their crude crops, it was filled with plant food to repletion. But they did not know of the necessity for as much being added to the soil as their crops abstracted, or there would not be so many worn out gardens as there are at present. Had the gardeners of a hundred years ago been as well informed as the modern scientific gardener is today, our soil would be teeming with all the elements of fertility, and there would not be an abandoned farm in the United States. But, in their ignorance of results, they simply "mined the soil," as one writer has put it. The present generation of gardeners today must pay the penalty in increased cost for added fertility. The wise gardener will add more each year than his crops take off.

There was a time when fertilizer was a fertilizer—but that time, happily, is past. Today there are fertilizers for each different crop. The gardener who expects to get the best results from his soil should use the kind which will best suit the crops he is growing. While all crops require the three principal ingredients of all fertilizers, phosphoric acid, potash, and nitrogen, yet, for immediate effective service, they should be in such proportions as the exhaustive experiments of the stations and fertilizer companies have shown to be best.

There are, of course, a number of variations of the percentage of the different chemicals, but the following formulas are those which many experiments have shown to be best:

Sweet Corn

	Lbs.
Ground bone	250
Acid phosphate	500
Muriate of potash	250

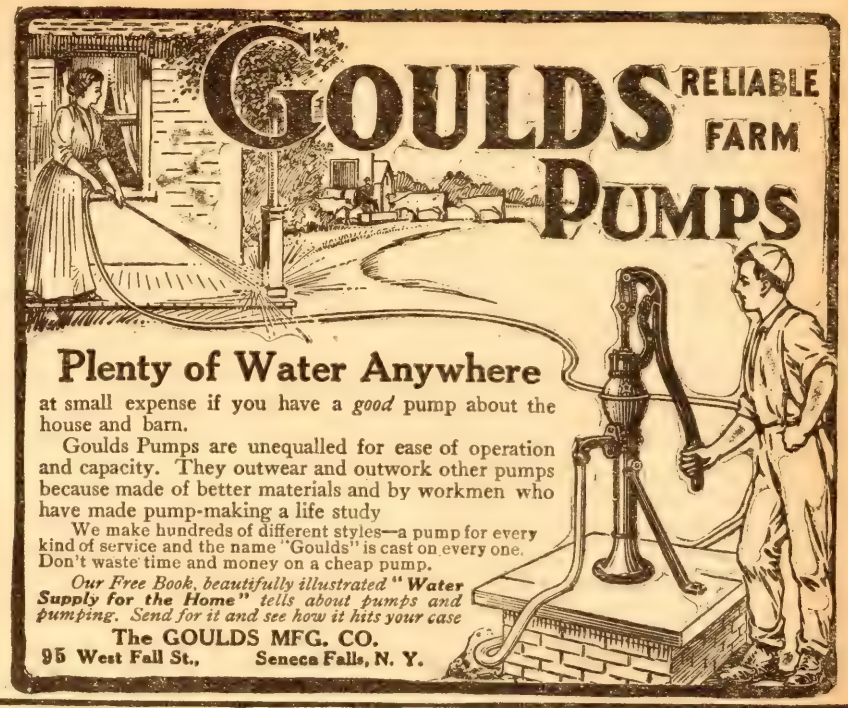
Composition—Nitrogen, 1. per cent; phosphoric acid (available) 7. per cent; potash, 12.5 per cent.

Apply 200 to 300 pounds per acre on manured soils; four hundred pounds on un-manured soils. Use ten per cent more for sweet corn. Apply one-half broadcast, and the rest by the drill.

Potatoes

	Lbs.
Nitrate of soda	50
Dried blood	100
Tankage	100
Acid phosphate	620
Muriate of potash	150

Composition—Nitrogen, 2.5 per cent; phosphoric acid (available) 7.5



"ORCHARD DIVIDENDS." Apples from trees sprayed with
"SCALECIDE"

some as many as nine consecutive times, took all the first prizes at the Pennsylvania Horticultural Society Meeting; all the first prizes this year and last at the New Jersey Horticultural Society Meeting; a long list of sweepstakes and first prizes at the New England Fruit Show in Boston; also first prize at the Ohio State Fair.

Write for full information and Booklets, *"Orchard Dividends,"* and *"Modern Methods of Harvesting, Grading, and Packing Apples."* Both free.

B. G. PRATT CO., Manufacturing Chemists, 50 Church St., New York.

SPRAY NOW and kill the dreaded **SAN JOSE SCALE**

Fall spraying is more effective than spring. Do not fatten the scale for spring killing. It is easier to kill now. Apply after trees have dropped their foriage. Any pleasant day during the winter when water will not freeze, will do. One gallon can of solution. It is cheap. It is **SCALECIDE** will make 20 gallons of spraying effective. No fruit grower can afford to do without it.

PRICE Single gallon $1.00; 5 gallon jacketed can $3.25; 10 gallon jacketed can $6.00; 50 gallon bbl. $25.00. Circulars and full information free. Send orders direct to

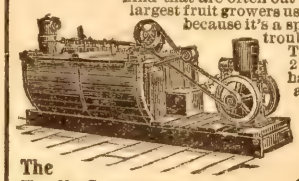
O. K. SEED STORE, Opposite State Capitol, Indianapolis, Ind.

ENCOURAGE THE BOYS



You Can Depend on These Sprayers

Don't waste your money on uncertain sprayers—the kind that are often out of order. The largest fruit growers use the "Hardie" because it's a sprayer with the trouble left out.



This Hardie No. 2 Power Sprayer has 150 gal. tank, all brass pump, 1½ h. p. engine. Weight 750 lbs. Price $180.00.

The Hardie Sprayers are made in 25 different sizes and styles; prices $3.50 to $360. Our catalogue describes these sprayers, and shows you the best way to spray. It's free. Send for a copy.

THE HARDIE MFG. CO.
942 Mechanic St., Hudson, Mich.
also 49 No. Front St., Portland, Ore.



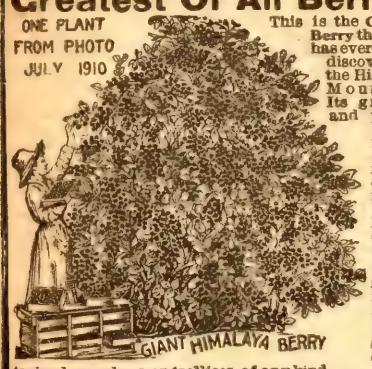
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HURST SPRAYER ON FREE TRIAL

No money in advance—pay us out of extra profit. Sprays anything—trees, potatoes, vineyards, truck, etc. Pushes easy—high pressure. **Guaranteed 5 years.** Pay when you can—at wholesale price. We pay **freight.** **Catalog** and Spraying Guide **free.**



Greatest Of All Berries



This is the Greatest Berry the world has ever known, discovered in the Himalaya Mountains. Its growth and productiveness is simply marvelous. It is perfectly hardy everywhere and grows from 30 to 50 feet in a season and can be trained on arbors or trellises of any kind.

The Engraving shows one Plant from photo July 1, 1910, which is trained to a large trellis loaded with fruit, and continued bearing until October.

The Fruit is black, almost coreless and the large luscious Berries borne in enormous clusters will literally melt in your mouth. It is unsurpassed for eating fresh, cooked, canned or preserved in any form and is the Greatest of all Berries for all Climates.

Everybody can and will grow this Great Berry for it is the easiest Fruit in the world to grow, is splendid for city people or any one with limited space, for it can be trained up from the ground like a tree producing Berries from 3 to 4 months, growing larger and producing more Fruit each year.

We guarantee this the Greatest of all new Fruits and can produce facts no one can get away from.

Beware of imitations. Giant Himalaya is a family by itself and highly valued wherever grown. The English Himalaya or Plants raised from seeds cannot be relied upon for fruit or hardiness. Our plants are from tested parent stock. Complete satisfaction guaranteed

Instructions for cultivation with a booklet of receipts for using in many ways free with all orders.

Strong plants 30c each, 3 for 60c, 6 for $1.00, 15 for $2.00, 25 for $3.00, postpaid.

Our 1911 Catalogue of Vegetable and Flower Seeds, Plants and Rare New Fruits free with every order.

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SAN JOSE SCALE

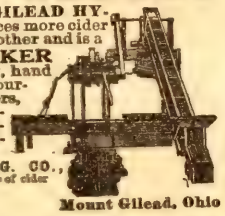
can be controlled in THE FALL as well as in the Spring, with

Rex Lime and Sulphur Solution

the cheapest, best and most reliable spray material. Rex Arsenate of Lead contains over 15 per cent Arsenic Oxide and is the highest grade on the market. All goods guaranteed. Write for our free bulletins and prices.

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THE ORIGINAL MT. GILEAD HYDRAULIC PRESS produces more cider from less apples than any other and is a

BIG MONEY MAKER

Sizes 10 to 400 barrels daily, hand or power. Presses for all purposes, also cider evaporators, apple-butter cookers, vinegar generators, etc. Catalog free. We are manufacturers, not jobbers.

HYDRAULIC PRESS MFG. CO.,
(Oldest and largest manufacturers of cider presses in the world.)
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SEEDS THAT GROW

Best quality Vegetable, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes, Seed Corn, Seed Grain, etc. Best varieties at low prices. We also carry full line of Nursery stock.

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Carl Sonderegger, Prop.

Send name and address for Free 25th Anniversary Catalog and list of special Anniversary Collections, also FREE packet "Incomparable Lettuce."

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O. K. Seeds have been standard for more than a quarter of a century.

Join the thousands of successful farmers who plant O. K. Seeds year after year and reap abundant harvests.

Garden, Field and Flower seeds.

Catalogue ready. Send for copy—Free.

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FIVE FULL YEARS

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LITTLE GIANT CORN SHELLER



Just Out and Entirely New.

This sheller is a little wonder. Will do the work equal to any other hand sheller. No springs to jar loose, and adjustment simple and accurate. Impossible to get out of order. The sheller deposits the corn in the box on which it is mounted, and the cobs outside. Is made on honor and will last a lifetime. Will easily shell eight bushels per hour. Price $1.00 F. O. B. here.

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O. K. SEED STORE
INDIANAPOLIS INDIANA

per cent, total, 9 per cent; potash, 7.5 per cent.

Apply 600 to 800 pounds per acre, on manured soil.

Fertilizer for Seeding Clover—For Green Manure

	Lbs.
Nitrate of soda	50
Tankage	150
Acid phosphate	700
Muriate of potash	100

Composition—Nitrogen, 1.5 per cent; phosphoric acid (available) 9 per cent; potash, 5 per cent. Apply 300 to 500 pounds per acre when seeding.

Fertilizer for Alfalfa, Cow-Peas and Pasture Grass—For Green Manure

	Lbs.
Ground bone	150
Acid phosphate	600
Muriate of potash	250

Composition—Nitrogen, 0.5 per cent; phosphoric acid (available), 8 per cent; total, 11 per cent; potash, 12.5 per cent.

Application: 300 to 500 pounds per acre, on manured soil.

Best Market Garden Fertilizer

	Lbs.
Nitrate of soda	100
Sulphate of amonia	100
Dried blood	150
Ground bone	100
Acid phosphate	450
Muriate of potash	150

This is intended for the general run of garden crops, and is the best that can be used in the farmer's home garden.

Composition—Nitrogen, 4.5 per cent; phosphoric acid (available), 6.5 per cent; total, 7 per cent; potash, 7.5 per cent.

Apply from 1,000 to 1,500 pounds per acre, on well-manured soil, varying according to its quality.

Fertilizer for Small Fruits

	Lbs.
Ground bone	250
Acid Phosphate	450
Muriate of potash	300

Composition—Nitrogen, 1 per cent; phosphoric acid (available), 5.5 per cent, total, 10.5 per cent; potash, 15 per cent.

For large fruits add nitrate of soda, 75 pounds.

Apply 300 to 500 pounds per acre, according to the soil, using stable manure in addition, when setting out, and the fertilizer to be worked in along the rows.

The reason I am giving these formulas is that I am aware that there are some who buy the raw materials and mix their own products, while others buy them ready mixed from the dealers. If you desire to mix your own, you can use the formulas to arrive at the quantities of each ingredient you desire, in order to get the mixture according to the formula, but if you buy of the dealers, give your order by requiring the mixed fertilizer to have the percentages as given under "composition" for each formula, and you are sure to get it. The law is very strict about dealers putting up their mixtures according to the formula marked on the bags, or according to the sale made, in case of special formulas.

Once you have a fertilizer formula which seems to suit the conditions of your soil, climate, temperature, and crops, better stick to it, rather than try others which may not be as good. When you buy fertilizers, get them of the dealers who advertise in UP-TO-DATE FARMING, as they are reliable, and will give you just what you ask for, ALWAYS say you saw their advertisement in this paper, EVERY TIME you write.

No use paying high prices for fence when Kitselman Bros., ask only 13 1-4 cents a rod up. See their ad in this paper and write today.

When a manufacturer backs up his product with a thirty days' free trial it is pretty sure to be something he is safe in guaranting. Those are the implements you should buy. This sort of a free trial is given on the Detroit-American Tongueless Disc Harrow. Write the American Harrow Co., 5337 Hastings St., Detroit, for full particulars.

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The great success of Dr. Pierce's Golden Medical Discovery in curing weak stomachs, wasted bodies, weak lungs, and obstinate and lingering coughs, is based on the recognition of the fundamental truth that "Golden Medical Discovery" supplies Nature with body-building, tissue-repairing, muscle-making materials, in condensed and concentrated form. With this help Nature supplies the necessary strength to the stomach to digest food, build up the body and thereby throw off lingering obstinate coughs. The "Discovery" re-establishes the digestive and nutritive organs in sound health, purifies and enriches the blood, and nourishes the nerves—in short establishes sound vigorous health.

If your dealer offers something "just as good," it is probably better FOR HIM---it pays better. But you are thinking of the cure not the profit, so there's nothing "just as good" for you. Say so.

Dr. Pierce's Common Sense Medical Adviser, In Plain English; or, Medicine Simplified, 1008 pages, over 700 illustrations, newly revised up-to-date Edition, paper-bound, sent for 21 one-cent stamps, to cover cost of mailing *only*. Cloth-bound, 31 stamps. Address Dr. R. V. Pierce, Buffalo, N. Y.

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There is hardly a family in the country that will not want some beautiful Valentine Post Cards to send to friends to remind them of affection or love as Valentine day approaches. I want to supply them. My cards are the most beautiful and the most appropriate that can be obtained.

I have the following:

Cupids Messenger, No. 1, 12 cards; Landscapes, No. 4, 6 cards; Lovers Messages, 12 cards; Nations Messages, 6 cards; Flowers, No. 4, 6 cards; Hearts and Ribbons, No. 2, 12 cards; Flowers, No. 3, 6 cards; Butterfly, 6 cards; Cupid's Pranks, No. 1, 6 cards; Cameo, No. 1, 12 cards and Playing Cards, 12 cards.

The illustrations will help you slightly to judge of the beautiful designs, but they give no hint of the wonderful color effects obtained in my cards by twelve printings and embossing. I will just say that my Valentine Cards are of the same high grade, in artistic arrangement and printing as my other cards which have gone to the homes of more than 100,000 subscribers to UP-TO-DATE FARMING.

MY OFFER Send 30 cents and I will send you Up-to-Date Farming one year and your choice of 25 Valentine post cards. Or send 50 cents for two years, or two subscribers for one year and I will send 50 Valentine cards. Selections may be made by sets, or just order an assortment. I guarantee satisfaction or the cards may be returned and exchanged for others. Subscriptions may be new or renewal.

ALTERNATE OFFER: If you don't want Valentine Cards I will send the same number of my lovely EASTER post cards; or you may combine them, that is, as many Valentine and Easter cards as you want to make 25 or 50.

Please use the coupon.

J. A. EVERITT, Editor Up-to-Date Farming.

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Indianapolis, Ind.

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Most perfect and valuable Combination of tools ever invented. Sells at sight to Farmers, Plumbers, Machinists, Automobile Owners, in stores and the home.

Made of Drop Forged high grade carbon steel. One agent in Essex County, N. Y., after a 6 days' canvass ordered 100 tools. His profit $100.00. Big snap for agents. Sample free to workers.

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in each town to ride an exhibit sample 1911 bicycle. *Write for special offer.*

Finest Guaranteed 1911 Models $10 to $27
with Coaster-Brakes and Puncture-Proof tires.
1909 & 1910 Models all of best makes.... $7 to $12
100 Second-Hand Wheels All makes and models, good as new..... $3 to $8
Great FACTORY CLEARING SALE
We **Ship on Approval** *without a cent deposit, pay the freight,* and allow **10 DAYS FREE TRIAL.**
TIRES, coaster brake rear wheels, lamps, sundries, parts and repairs for all makes of bicycles *at half usual prices.* **DO NOT BUY** until you get our catalogues and offer. *Write now.*

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Shores REMEDIES
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Farmer or Farmer's Son

with rig in every County to introduce and sell Family and Veterinary Remedies, Extracts and Spices. Fine pay. One man made $90 one week. We mean business and want a man in your County. Write us.

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It takes a wax thread, feeds from spool and does the work of any harness maker machine. It is indispensable for farmers. Agents wanted. Sent prepaid for $1.25. Send at once for catalog.



shoes, tents, awnings, pulley belts, carpets, saddles, suit cases, buggy tops, dash boards, or any heavy material. STEWART'S AUTOMATIC AWL is the only perfect Sewing Awl.

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21 Hermon Street, Worcester, Mass.

Farmers Sons Wanted with knowledge of farm stock and fair education to work in an office; **$80** a month with advancement, steady employment, must be honest and reliable. Branch offices of the association are being established in each state. Apply at once, giving full particulars. **The Veterinary Science Association, Dept. 22, London, Canada.**

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I don't care who you are or where you live--men--women--boys--girls--I want you to work for me and I will pay you big.

If you can give all your time to my work you can earn up to $175.00 or more a month.

My work is High Class--Clean and Pleasant. You can do it in your spare time. I start you. No capital needed.

Be your own Boss--fix your own hours. How nice to have plenty of money! How much shall I pay you?

You can earn $21.00 to $175.00 a month by working for me one hour or more a day.

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Metal Hame Fastener

Does away with straps. Every farmer and teamster delighted. Outwear harness. Fasten instantly with gloves on.

AGENTS 140% profit. FERRY'S HANDY HAME FASTENERS bonanza for agents. Many sell dozen an hour. Sample 25c, doz. $2.75 Circular and wholesale price free.

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J. B. FENTONY
Attorney-at-Law, Indianapolis, Ind.

The Enchanted Cloak

By Clara K. Alden

Stella Graham put the last stitch in the garment she was fashioning, and held it up for the amusing gaze of her mother.

"There, isn't it pretty?" she exclaimed, "and best of all I made every bit of it myself, even designing the pattern. Red is becoming to me." She made a pretty picture in the gas light with the bright cloak enhancing the charm of dark hair and eyes.

"You're a born dressmaker, Stella," said her mother. "That talent will come handy when—"

A blush colored the girl's cheek as she interrupted hastily, "Don't be foolish, mother; he may never ask me to marry him." As she folded the cloak away she was busy with the dream of a happy future. She had known Philip Keene two years. He was business manager in the office in which she filled the position of stenographer. He dictated many letters to her, and thrown together thus, they had become good friends. Nothing more as yet, though many times she had caught him looking at her with more than common interest.

"Will you go down in the harbor with me tomorrow afternoon, Miss Graham?" Keene had asked her that very Friday. Stella had accepted the invitation. The new red cloak would be worn on that occasion for the first time. Wise little girl, she well know its brightness would enhance her prettiness.

It was a thoughtful, yet happy young woman who bid Philip good night after the outing, for the momentous question had been asked, and answered in the affirmative.

"'Twas the red cloak, I believe, after all," she said to her mother after the news had been told; 'he said that he couldn't resist me."

After that the cloak hung in the hall closet and was often thrown on for a summer ride, or ramble.

"I haven't a thing pretty enough to throw over my shoulders, Stella," complained her chum before she started for a lawn party. "Coats muss one so."

"Wear my red cloak," said Stella; "it brought me luck."

"Nonsense. I'm a confirmed bachelor girl." But Marion Lester wore the cloak and it proved otherwise. When it was returned, she exhibited a new ring. "I imagine," she said gleefully, "there's enchantment in that garment. It brought Charlie to the point, anyway."

Stella's brother stepped in quietly and heard this remark. He looked roguish; that evening Stella hunted in vain for her cloak.

"Where do you suppose I left it, mother?" she asked anxiously.

In the hammock across the way her brother with that identical cloak wrapped around him was saying persuasively, "You must abandon that wild scheme of studying abroad and a life devoted to art—be sensible, stay at home and marry me. It is fate; you can not escape it. Every one who wears this cloak, so Stella says, becomes engaged. I'm wearing it and you're the victim." A willing one it would seem, if actions speak louder than words.

There was commotion in the Graham household; Mrs. Graham had fallen unconscious, Stella ran across the way for help, to the little cottage of her spinster neighbor.

"Put on my red cloak and run for the doctor; that's a good soul," she said breathlessly.

Little Miss Palmer hastening down the street, a quaint figure in the flying red cloak, overtook Dr. Field, widower, on his morning rounds in his capacious buggy, and breathlessly told her errand. "Why, Miss Palmer," said the doctor, after he had assisted her into the buggy and they were riding swiftly towards the Grahams," I hardly knew you in that gay and festive garment, but it's mighty becoming." Becoming it was indeed, harmonizing with her soft gray hair and placid face.

"This is Stella's cloak," she said apologetically, "you don't suppose I own anything so gaudy!"

"I don't know why not," was the gallant rejoinder.

Mrs. Graham had a slow fever, and Miss Palmer was installed as nurse. Dr. Field's visits were frequent and health was finally restored. Jogging along the road in his buggy homeward bound, the day that Mrs. Graham sat up for the first time, the doctor said to himself reflectively: "It is not well for man to live alone, and a man might do worse than to marry little Miss Palmer." The interview was over. It had been hard to win her to his way of thinking, for she had grown accustomed to single blessedness; but common sense won the day.

"Oh joy! 'twas my magic red cloak!" cried Stella when the news came to her ears. "It is more powerful than Aladdin's wonderful lamp. The best matchmaker in town!"—Farmer's Wife.

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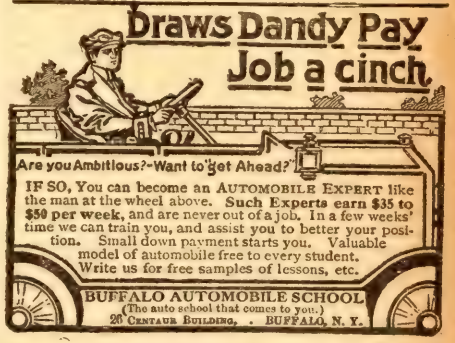
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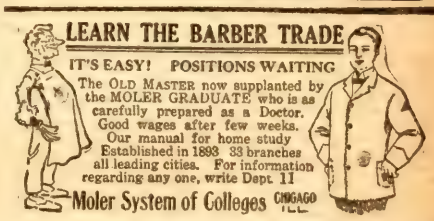
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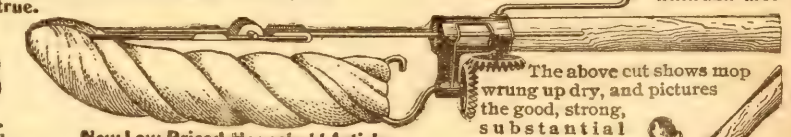
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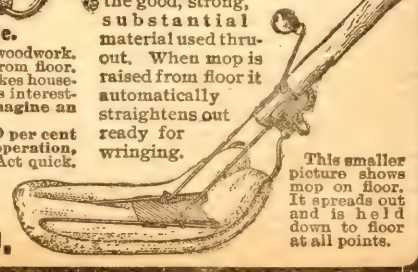
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THOUGHTS THAT COME

THE SCHOOL AND THE CHURCH

By John P. Stelle

ONE can scarcely estimate the bearing of the school and the church upon the country home—the home on the farm. The church may be in the town or the country village, and so may the school; or they may both be in the country surrounded entirely by rural influence. Oh, for a school that is not pedantic and a church that is not dogmatic. We want a broad basis for everything that influences life, not a breadth that compromises with evil, but that sees and knows the right and the good, and that furnishes a basis on which to build a structure that may be a home for expanding minds, broadening intellects; an independent thought that reaches every condition of humanity and has the effect of mental growth that sunshine and showers have on opening flowers.

We would rather have a teacher with large hearted aspirations, and who looks upon the children as beautiful buds of promise that need only gentle, kindly, wise direction and training to enable them to fill a place in the human structure that had never been filled by any one else; a teacher that knows there are things yet to achieve, and that there will be when the least pupil has gone out into real life; a teacher that has the impulse to do and the courage to dare, and can inspire the children with like ideas of what there is in life and what it is for, than to have one whose only qualification is the mastery of the books, even though the latter may include the depths of the sciences and the dizzy heights of the classics. We would not infer that these latter attainments are separate from or antagonistic to the inner enlargement of soul that leads to things higher and nobler, but we want in the teacher the soul communion, the spirit teaching, the thought inspiration that takes the child as a vine God has planted, and twines its yielding tendrils around those thoughts and longings that will make it the best of which it is capable. The teacher that thinks and can induce others to think; the teacher that hopes and can build hope in the breasts of others; the teacher that aspires to noble things and can build like aspirations in the souls of the pupils is the one that in after years will see what has grown out of the schools and be satisfied.

We have sometimes thought the country schools, with their lack of frivolous excitement, are better nurseries of these glorious mind plants than the more pretentious school of the towns and cities, though the mind properly nourished and trained in its growth may develop anywhere. We have often paused in the most arduous labors to watch school children go trooping by; and to us the sweetest period in family life, and the fondest memory, is when the children came romping in from school. The possibilities we saw in those children, the hopes that wove a network around them, the anxiety for the seeds that had been planted in their respective souls that day—all conspired to make the moment one of longing and of hope, a time to be remembered.

And it is so in a degree, of the churches. The rural community without a church is incomplete; it lacks something. The young people love to go somewhere, and it is easy for them to learn to love to go to church. Then if thoughts come from the pulpit, if right doing, right aims, right living and holy aspirations are the themes, with hope glowing in the future of life as well as of eternity, every one in the throngs that pass back to their homes is better in some way, whether he or she knows it or not. Some of the Cadets speak of their churches, and how they like to attend. It is a good omen, and means for progress.

But some of the churches like some of the schools, are stilted affairs, and cultivate a narrowness and a looking down rather than the broadness of thought that looks upon the universe and works to human possibilities.

HAPPINESS IN THE HOME

WE all like to see bright, new things come into the home, and most of us like to wear fine clothes and to be decorated with costly jewelry; but no piece of furniture is so attractive, no garment so tasty, and no jewel so to be prized as happiness in the home. Really the thing that makes home home, does not depend upon one, but upon every member of the household.

How gladly would we tell every one how to be happy at home, and thus guarantee happiness everywhere, but that is largely a problem each must solve for him or herself. We may mention, however, a few things that have figured largely in this important matter.

In intercourse with the folks at home, do not be a stickler for trifles. Little things sometimes grow to be big ones if unduly contended for. When something occurs that could not then, or cannot now, be helped, do not worry over it. Never allow yourself to conclude that your ways are much better than those of others in the home, and that you cannot be happy or the family successful unless you can absolutely have your way. People are not alike in their mental make up; it is seldom that opinions are uniform, and while it is necessary in many cases for the sake of accomplishing things, for some one to have the power to decide differences, home life is a compromise, and good will and love should be the arbitrators. In short, try to be human in your expectations of others and in your bearing towards them. Don't think you are perfect nor look for perfection in others. We are all clothed in human weakness. Some perhaps are stronger than others, and these ought to know best how to yield for family success and happiness in the home.

BEING HAPPY

"What are you doing?" one lady asked for another whom she had not seen for several days. "Oh, I am just being happy; I am doing what has to be done, and being happy," was the reply.

What a text for a sermon there is in that! If we can only do what has to be done, including those things which it were better should be done, those things that make for progress and advancement, and then be happy, the problem of life is solved. No room then for worry and complaining, no room for tears or repining. Just doing duty and being happy. The same thought is expressed in the following lines:

"Just being happy
Is a fine thing to do,
Looking on the bright side,
Rather than the blue;
Sad or sunny musing
Is largely in the choosing,
And just being happy
Is a brave thing to do."

How to Get There

If your way there's nothing doing,
Go get busy;
That folks pass you, don't be ruing,
Make them dizzy.
If no wind your sails are swelling,
Take to rowing;
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SYSTEM SAVES STEPS

THE days are short and the nights are long, but the housewife has just about as much to do as she had when the days were long and the nights were short. The housework is to be done and the meals are to prepare—the steps are to be taken.

May we once more say that system saves steps? If one knows all the time where every needed article is, and when several articles that are kept in the same place are likely to be needed soon, if one can keep them in mind and get them all at a single trip, how much it does simplify the work. And if all that belong in that place may be returned at one time there is another saving of steps.

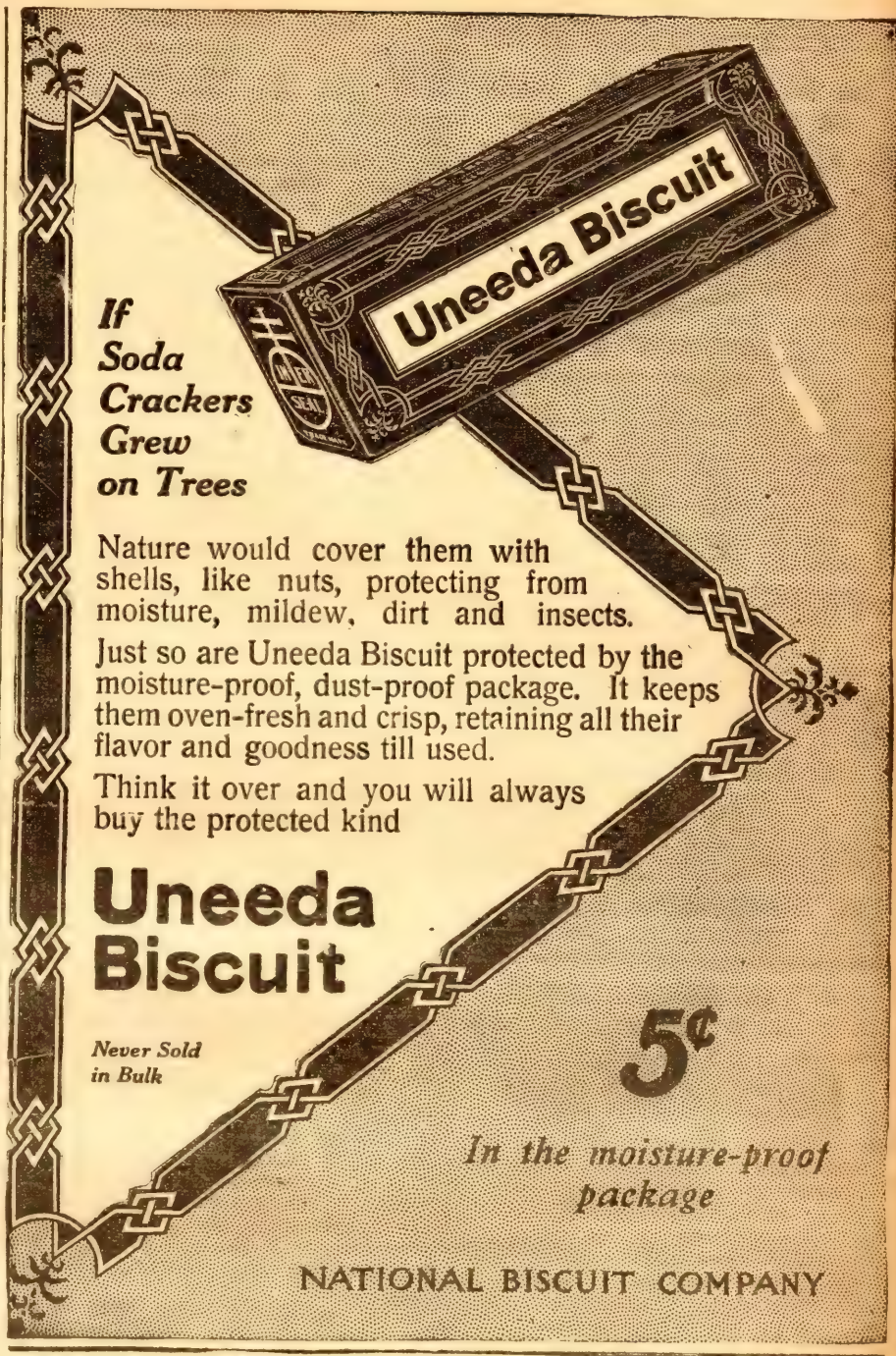
We know it is difficult to maintain such a system in a family where children are growing up. We would not further discourage already discouraged and tired mothers, but the nearer the system can be approached the better is it for the housewife. And much in this line may be taught the children. But like all other family discipline, the very teaching is a burden, but it is a burden which grows lighter, as the teaching progresses, and finally disappears entirely, leaving a halo of conscious goodness as the children themselves become systematizers.

We have in mind now a family, where there are four small children, the smallest little more than four years old, yet each of them has its alloted task, a work that not one of the others must do, unless the one whose work it is is absent, or for some cause not reasonable to do it at that time. These children seldom need to be reminded of their work or the time of its performance. The doing of it has become a fixed habit with each, and they think of nothing else in connection with that job except to do it at the proper time.

Of course the tasks are simple, and to the inconsiderate would be regarded unimportant, but they are important as a matter of discipline. There is one objection to this division of tasks, and that is that every child should be taught to perform every household or home duty, and the assignment of tasks might lead to the neglect of all but the special duty assigned. But the performance of these special duties does not prevent any child from doing other work that might be required of it, and thus a knowledge of the general work may be acquired. But system is taught, and becomes fixed as a habit. And system saves steps.

A Story Every One Should Read

We feel it our duty to recommend to every one of our readers "The Story of Kate and Queen," by Prof. Jesse Beery, the king or horse trainers. This simple, little story of a horse's life has won for itself a niche in the world's literature beside "Black Beauty," the wonderful English story. By special arrangement every reader of this paper can obtain a copy of this interesting book by sending two 2-cennt stamps to cover postage. Write Prof. Jesse Beery, Box 66, Pleasant Hill, Ohio.



If Soda Crackers Grew on Trees

Nature would cover them with shells, like nuts, protecting from moisture, mildew, dirt and insects.

Just so are Uneeda Biscuit protected by the moisture-proof, dust-proof package. It keeps them oven-fresh and crisp, retaining all their flavor and goodness till used.

Think it over and you will always buy the protected kind

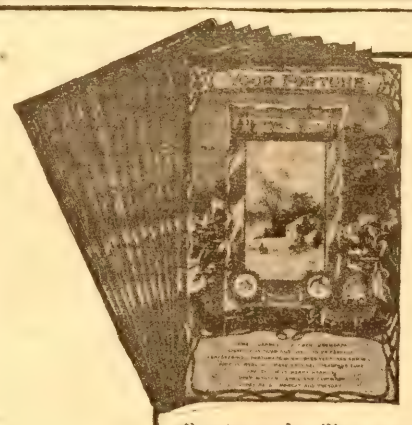
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5¢

In the moisture-proof package

NATIONAL BISCUIT COMPANY



Twelve Fortune-Telling

POST-CARDS

All for the Asking

ONE for each month in the year with horoscope of persons born in that month. You and your friends will get lots of fun and entertainment out of these cards. Simply send two two-cent stamps to pay the postage in mailing. We make you this unusual offer simply to get acquainted with others who appreciate post-cards; and just as soon as we receive your letter we will tell you how to get a set of

Fifty Magnificent Post-Cards Free

all postage and mailing expenses paid. Send two two-cent stamps right away as our supply of these cards is limited; but we guarantee a set of these new Fortune-Telling cards by return mail if you write us at once.

SPRINGFIELD POST-CARD CO. Dept. W Springfield, Ohio

DON'T FAIL TO MENTION UP-TO-DATE FARMING when writing our advertisers

CARDS Send 2c Stamp for large Sample Album of Hidden Name, Silk Fringe, Envelope, Friendship, Joker's, Lover's and all other Kinds of Cards, Post Cards and Premiums. Star Beau Catcher and list of 2000 Songs given Free. OHIO CARD CO., B10 Cadiz, Ohio.

10 POST CARDS FREE

We will send you 10 of the prettiest post cards you ever saw if you will cut this advertisement out and send it to us with 4c to pay postage and mailing and say that you will show our post cards to your friends and explain our offer to them. D-223, NEW IDEAS CARD CO., 233 So 5th St., Phila., Pa.

Pratt-Elkhart "40"

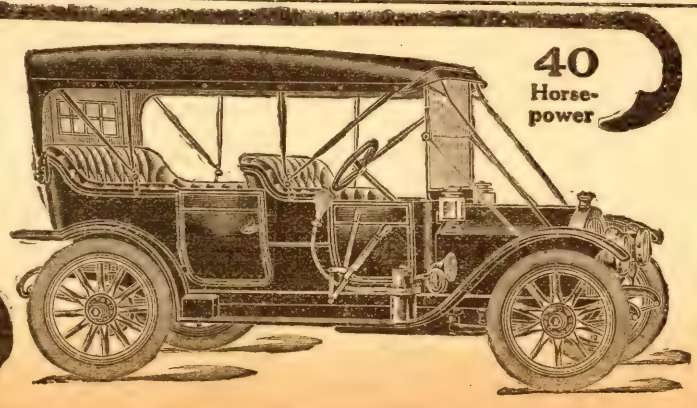
is the quietest, simplest and most powerful car in the "40" class. They are in use today in over half the States in the Union.

BACKED BY THIRTY-EIGHT YEARS' SUCCESSFUL MANUFACTURING EXPERIENCE

Made in four classy designs; 117-inch wheel base, Unit power plant, three-point suspension, offset crank shaft, Bosch Magneto, 34x4-inch tires. List Price—$1800.00. Top and wind shield extra.

We Want a Sample Car in Every Locality—Write for Catalog and very liberal proposition

ELKHART CARRIAGE & HARNESS MFG. CO., Elkhart, Indiana.



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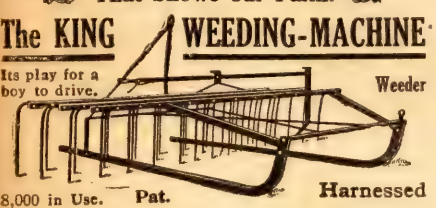
You will save money. The advertiser will do more business and increase his advertisement. This gives us more money to make a larger, better paper—to carry more advertisements—to save you more money—to increase the business of advertisers and enable them to enlarge their advertisements. Again we will increase number of pages, etc.

Your purchases will help—no matter how small. Send for catalogs; ask for particulars

Sold on Nine Months Time!

That Shows our Faith.

The KING WEEDING-MACHINE



A MACHINE NOT A DRAG.

The **only** weeder for **Cotton**—the **best** for **all crops.** It is always under positive control, cutting deep or shallow, light or heavy, changing from one to the other instantly, as **directed** by the **boy** driver who **considers it play. The King,** unlike the old drag weeder that collects trash, drags out plants and is so difficult to handle, is a **weeding machine** that glides easily and smoothly, striking light or heavy as desired—the teeth may be thrown a foot high and held without a particle of strain on the driver.

AGENTS MAY SECURE SAMPLES AT NO MONEY COST.

Theo. Thompson, says: "I credit your weeder with 8 **bales of cotton** this year."

W. N. Pittman, says: "I wouldn't take $50.00 for it. I worked my entire crop with it."

L. C. Cooke, says: "Paid for itself twice in corn alone. Made me two extra bales of cotton."

Chas. Johnson, says: "My little girl ran the machine over my crop and made me 3 extra bales."

Jesse Williams, says: "I wouldn't take $50.00 for my King Weeder and do without it."

More than two thousand other proofs on file.

THE KING DISTRIBUTOR.

Puts out fertilizers—**in drills,** two rows at a time, or on both sides of **two lists,** or on both sides of two rows of the growing crop—it broadcasts any quantity of fertilizer, phosphates, nitrates, kainit, cotton seed and fine compost. **A Sample for trial** on **long time.** Pays for itself in a few days in rentals from neighbors.

KING WEEDER COMPANY, Richmond, Va.

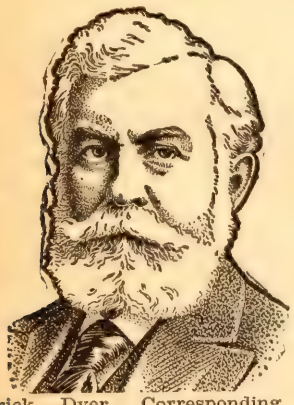
This paper never deceived its subscribers nor ever gave them bad advice

RHEUMATISM

Remarkable Michigan External Remedy which is curing thousands sent TO TRY FREE

Just Mail my Coupon

Don't take medicine to draw out impurities but help Nature expel them through the pores in her own simple way.



Frederick Dyer, Corresponding Secy.

Send my coupon today. Return mail will bring you a regular $1.00 pair of *Magic Foot Drafts,* the great Michigan remedy which is curing thousands. *TO TRY FREE.* Then if you are satisfied with the benefit received send us One Dollar. If not, send nothing. *You decide* and we take your word. Magic Foot Drafts are curing *Rheumatism in* every form— *Muscular, Sciatic, Lumbago, Gout,* etc., no matter in what stage of progress or how many medicines have failed. The simple principles underlying this wonderful treatment are fully explained in our illustrated free book. Don't delay, but send the coupon now—today—*while you can.* Send no money—just the coupon.



This $1.00 Coupon FREE

Good for a regular $1.00 pair of Magic Foot Drafts to be sent Free to try (as explained above) to

Name .....

Address .....

.....

Mail this coupon to Magic Foot Draft Company, HA3 Oliver Bldg., Jackson, Mich.

STOP MEANDERING

We believe farm life is the ideal life. We can't help it; because on the farm is where nature lives, and things grow and bloom and bear fruit. But it must be confessed there is drudgery there. The drudgery, though, is the artificial part of it, and the constant effort of every progressive farmer should be to eliminate the drudgery; not the work but the drudgery. It is the drudgery and not the work that takes the ideal out of farm life. A sentimental girl declared it to be her fondest dream to become a farmer's wife "and meander down life's inviting road." The reply given by an unsentimental writer may be a little pesimistic, may have a little too much of the meander in it; but it is a suggestive picture of woman's life on some farms even today. The husband is responsible for much of that meandering, and he should see to cutting it out:

"Oh, yes, that is a nice thing, but when your husband meanders off and leaves you without wood and you have to meander up and down the lane pulling splinters off the fence to cook the dinner; and you meander around in the wet clover in search of the cows until your shoes are the color of the setting sun, and each stocking absorbs a pint of water, and when you meander out across twenty acres of plowed ground to drive the cows out of the buckwheat and tear your dress on a wire fence, and when you meander back to the house and find that the goat has butted your child until it resembles a pumpkin, and find the old hen and sixteen chickens in the parlor, the cat in the cupboard and the dog in the milk, you will realize, dear girl, that this meander business is not what it is cracked up to be."

HOME ENTERTAINMENT

Edison first invented talking machines. He has spent much of his time since the first invention in perfecting it. Today the result is the Edison Phonograph.

If you have never been so fortunate as to own a phonograph or visit in a home where there was one you can hardly realize their attractiveness. It is a tireless machine to entertain invited or unexpected guests. Bring the finest grand opera singers into your home; all the old favorites and new popular songs, instrumental and oral pieces.

Fact is, every home into which UP-TO-DATE FARMING goes should test for themselves whether they would like an Edison Phonograph. This can be done free—at no cost to you. And you may choose from many styles, and sizes. We not only suggest but earnestly urge every reader to send to F. K. Babson, Edison Phonograph Distributor, Dept. 3651, Edison Block, Chicago, Ill., for his great free offer and interesting catalog of Edisons.

A Cure for Melancholy

He was as blue as indigo,
Crabbed and contrary;
It was not Nature made him so—
Woes pecuniary;
He never had a pleasant word
If you'd chance to meet him,
Nor smile at any joke absurd,
Made when you would greet him.

Amusement, pleasure, were not in
His vocabulary;
His manners were to kith and kin
Very arbitrary;
For Hope had seeming passed him by
Melancholy tarried,
And like a mountain monstrous high
Was the load he carried.
The secret of this farmer's woe—
If you care to hear it,
A mortgage. Was it heavy? No.
But he could not clear it;
Crops abundant, not a whit,
Did it seem to matter,
Their worth if prices do not fit,
Purses grow no fatter.

The speculators swept the board,
Profits left not any,
The farmer to his little hoard
Could not add a penny;
That's the reason why he grew
Oh! so melancholy—
A man who was, his neighbors knew,
Once exceedingly jolly.

As just before the break of dawn
Comes the darkest hour,
And night's dark curtain then withdrawn
Light reveals its power;
So did the radiant rays of right
Smile on his vocation,
Dispelled the darkness of his night
Through "Co-operation."

Followed Instructions

Ordering a wreath for a funeral occasion, the florist was instructed to have the ribbon extra wide with the inscription "Rest in Peace" on both sides, and if there is room, "We shall meet in Heaven." When the wreath was received, on the wide ribbon was plainly inscribed: "Rest in peace on both sides, and if there is room we shall meet in Heaven!"

That reminds us of the old story of the court caller who had never filled that position before. The Judge ordered him to call at the door John Bell and Elizabeth Bell. "John Bell and Elizabeth Bell," yelled the cryer three times at the top of his voice. "One at a time," ordered the Judge, sharply. "One at a time! One at a time! One at a time!" yelled the cryer. "Now you've fixed it," said the Judge in disgust. "We've got it fixed! We've got it fixed! We've got it fixed!" screamed the cryer, bewildered by the roar of laughter that filled the court house, and for which he could see no reason.

Poor Man

"*Poor* man," with the accent on the first word, usually means a man without money. But "*Poor Man!*"—drawl the term out sadly, with a mournful shake of the head, and it may well be applied to the hero of the following:

On board an ocean liner were a lady and gentleman, accompanied by their young hopeful, aged six, and, as is usually the case, the parents were very sick, while little Willie was the wellest thing on board. One day the parents were lying in their steamer chairs hoping that they would die, and little Willie was playing about.

Willie did something of which his mother did not approve, so she said to her husband, "John, please speak to Willie." The husband, with the little strength left in his wasted form, looked at his son and heir feebly and muttered: "How dy' do, Willie?" —*The Lyceumite.*

Easy to Get a Change

Complaining Wife.—My dear, the doctor says I need a change of climate.

Complying Husband.—Well, I think ther'll be a change by morning.

Doubt About Catching It

Excited customer rushing into a store.—"Let me have a penny mouse-trap, please, and get it for me quick as I wish to catch a train."

All He Did Was to Pay

"Bucker, did you ever figure in a lawsuit?"

"No, but I paid the costs of one. The lawyers did the figuring."

LEARN TO DANCE AT HOME
Simple, Self Instructing Chart

Prof. Laughray's Self Instructor, all the latest dances, each step marked and counted in chart so plain and simple that a child can learn at home. Price, by mail, $1.00

Free Offer

Write for full particulars of our free offer, how you can get this valuable book without cost to yourself. It will pay you. Write now.

Prof. Laughray, Dancing Academy,
114 South Division St., Grand Rapids, Mich.

STEM WIND & SET **WATCH RING & CHAIN FREE** FOR SELLING POST CARDS



We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the



Watch, Ring & Chain. **WELLS MFG. CO., DEPT. 225 CHICAGO**

STEM WIND & SET **WATCH RING & CHAIN FREE** FOR SELLING POST CARDS



We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the



Watch, Ring & Chain. **WILLARD WATCH CO., Dept. 237 CHICAGO**

X-RAY KATHODOSCOPE, Latest pocket curiosity Everybody wants it; tells the time on watch through cloth, Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver **Alden & Co., Sta. A, Indianapolis, Ind.**





25 LOVERS' POST CARDS and NAME CARDS The finest line ever sent out. (No two alike). Floral Mottoes, Friendship, Birthdays, Pretty Girls, Love Letters, Love Scenes, Escort, Acquaintance, Hidden Name and other new cards; also our Big Illustrated Catalogue and Premium List, all for **10 Cents.** **UNION CARD CO., B 73 Columbus, Ohio.**

SEND ME NAMES
and address of 10 heads of families and I will send you FREE Souvenir Tea Spoon.
Guy X. Mayberry, Newberry, Ind.

120 New Design Post Cards FREE
Send 10c for postage, etc., for special sample set to introduce, including Val. and Easter Cards. LANGLEY CARD CLUB, Dept. 439 CHICAGO

$25 WEEKLY and expenses to men and women to collect names, distribute samples and advertise. Steady work. C. H. EMERY, A R254, Chicago, Ill



An Up-to-Date Garden

Will result from planting these seeds. Why pay out good cash for seeds when you can get the best there is by subscribing for UP-TO-DATE FARMING or getting up a club.

10 FULL SIZE PACKETS OF BEST VEGETABLE SEEDS.

BEET, Detroit Dark Red—A superior early, very dark red turnip beet; very sweet and tender, roots smooth, tops small.

CABBAGE, All Head Early—For an early variety it is remarkable for its deep, flat, solid heads of uniform size. Has few outer leaves. Should be in every garden.

CABBAGE, Danish Ball Head—Medium size, hard, white head and remarkable for its keeping qualities. If you have not grown it begin this year, begin now, and you'll grow it always.

LETTUCE, Early Curled Simpson—Rapid grower that makes a large compact bunch of tender, delicious leaves with curled edges. Unsurpassed for the home garden.

LETTUCE, Everlasting — Compact, tender heads, resists summer heat. You'll be delighted with it for an all-summer head lettuce.

CUCUMBER, Improved Early White Spine—Handsome, green, well-formed, crisp fruit. Early prolific bearer. Just right for slicing or pickles.

RADISH, Early Scarlet Turnip—A great favorite; beautiful, very early, crisp, fine flavor.

RADISH, Cincinnati Market—The best long scarlet variety. Grows quickly to good size, beautiful, smooth, crisp. Very fine radish.

TOMATO, New Coreless—One of the newest tomatoes. Bright red, round, solid meat; extremely prolific; long keeper.

TOMATO, O. K. First Early—The best extra early; red, smooth, solid, very prolific. Ought to be in every garden.

MY OFFER **(1) Send 25 CENTS for Up-to-Date Farming for one year and I will send you this collection of vegetable seeds post paid. (2) Get four of your neighbors to give you 25 cents each—$1.00—and I will send each the paper one year and the collection of seeds, and the same to you as a reward.**

Mention "Up-to-Date Garden collection" and address.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Ind.

A CART LOAD OF FUN This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed. Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price. If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Potts and the Lightning-Rod Man," "How to Go-a-Courting," Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Biff," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide," "Queerly Married." "Hannah was Aroused." "How the Tired Patient Man had His Feelings Upset," "Jone's Baby." "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. **COONER & FORTUNE CO., Indianapolis** **FOR 10 cts.**



VIOLIN FREE

This is a fine, handsome, clear toned good sized Violin of highly polished beautiful wood, ebony finished pegs, finger board and tail piece, one silver string, three gut strings, long bow of white horse hair, box of resin and FINE SELF INSTRUCTION BOOK. Send us your name and address for 24 packages of BLUINE to sell at 10c a package. When sold return our $2.40 and we will send you this beautiful Violin and outfit just exactly as represented.

BLUINE MFG. CO.,
932 Mill St., Concord Jct., Mass.

MOVING PICTURE MACHINE



GIVEN FOR SELLING POST CARDS. This marvelous Machine shows pictures in motion the same as the very expensive machines used in theatres. With this machine you can entertain your friends and even make money giving exhibitions. We give this wonderful machine complete with films—63 VIEWS, for selling only 24 packages high grade post cards at 10c per package. SEND NO MONEY. Write for post cards today. When sold, send us $2.40 and complete Moving Picture Machine and 63 Views will be sent you promptly. SATISFACTION GUARANTEED or MONEY RETURNED.

ALTON WATCH CO., INC., DEPT. 848 CHICAGO.

FREE Watch, Ring and CHAIN



We positively give free to boys & girls a beautifully engraved, American made, stem-wind, stem-set watch, proper size; guaranteed 5 years. Also dainty ring with three sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain. Satisfaction guaranteed or money refunded.

Dale Watch Co.
Dept. 58 Chicago

Beautiful Silk Remnants For Quilts

BED SPREADS, SOFA PILLOWS AND FANCY WORK OF ALL KINDS

SILKS

BEST QUALITY OF GOODS, PLAIN COLORS, STRIPES, PLAIDS AND FIGURES.

Large sample package by mail, 16 cents; two packages, 25 cents. Stamps taken. Satisfaction guaranteed.

Silk Patch Company, Dept. F., Williamsport, Pa.

ALL THE NEW SONGS & MUSIC 10c.



Put on Your Old Gray Bonnet, I've Got Rings on My Fingers, By the Light of the Silvery Moon, I Love My Wife But Oh You Kid, School Days, Baby Doll, Pony Boy, Honey Boy, Take Me Out to the Ball Game, I Wish I Had a Girl, When I Marry You, Red Wing. Big Book of all the Latest Song Hits War, Coon, Irish, Comic, Love, &c. Best and Biggest Collection of SONGS & MUSIC Ever Offered, also Big Cat. and List. a $ Due Bill and a Gold Prize Ticket. ALL for ONLY 10c. COIN or 3 Lots 25c

ALL POSTAGE PAID BY US **Samuel Cooper Co. Box 57 Horton, N.Y.**

BRACELET AND RING FREE



We positively give free a fine Adjustable Signet Bracelet, guaranteed 5 years, also a beautiful Stone Set Ring for selling 20 packs high-grade art post cards at 10c a pack. Order 20 packs, when sold send us $2, and we will positively send Bracelet and Ring. **WELLS MFG. CO., Dept. B47 CHICAGO**

Ladies & Gents Watches FREE



We give all grades of Watches for selling our fine Art Post Cards at 10c per pkg. Order 20 pkgs. today. When sold, send us the $2.00 and we will send you an elegant 5 YEAR GUARANTEED WATCH, also a FINE SIGNET RING and a CHAIN, postpaid, as per our premium list. IT COSTS YOU NOTHING. Write us to-day.



BELMONT MFG. CO., Dept. 139 CHICAGO

ART & ETIQUETTE of COURTSHIP or Lovers Guide



Tells "How to Woo an Heiress," "How to Court a Bashful Girl," "How a Lady Should Manage Her Beau to Make Him Propose Marriage," "How to Catch a Rich Bachelor," "Love Letters," "How to Win the Favor of Ladies," "Wedding Etiquette, etc. etc. All subjects treated in a manner most helpful to Lovers. This Great Book sent Postpaid for only 10c., 3 for 25 cts., or 7 for 50 cents. Send coin or money order. Gem Co., Box 92 Horton, N.Y.

150 Gold Back Post Cards FREE

Send 10c today for postage, etc., for our special samples plan, incl. Valentine & Easter. IDEAL POST CARD CLUB, Dept. 165, CHICAGO

—WHEN YOU WRITE—

to an advertiser always take special care to

WRITE YOUR NAME PLAINLY

including the full address. You know what you mean but no one else does unless he can read it. Many mistakes and delays occur because names and addresses are not written plainly. Print it if you can't write good.

$3.50 $20.00 for $3.50



Cut this out and send it to us with your name, post office and express office address, and we will send to you by express for examination this genuine 20 year guaranteed watch. Double hunting extra quality 14 karat gold finished case. Standard American full seven ruby jeweled works. With each watch we send Mdse. certificates which can be used in purchasing goods from our catalogue (total value of watch and certificates $20.00) all for $3.50. You examine the watch at your express office and if satisfactory pay express agent $3.50 and express charges and it is yours. Satisfaction guaranteed or money refunded. State whether you want a man's watch or a ladies' watch. Order today. Address

R. E. CHALMERS & CO., 356 Dearborn St., CHICAGO.

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

Interest in the Cadets constantly increases. Since our January 15 paper went to press we have received twice as many letters as we can make room for in any one issue. But no Cadet writer need fear the waste basket. So soon as a letter is received the writer's name and address is entered on the roll as a Cadet of Equity, and the letter is placed on file. Quite a number who are already Cadets write a second time. We are glad to have the letters, but since so many first letters are crowded out there must be some special reason if we can make room for second letters.

I have a thought regarding the seed premium offers that are now being made for subscribers to Up-to-Date Farming. Mr. Everitt is very anxious to round out the winter months and the early spring months with a tremendous increase in the number of our readers, and he offers some valuable seed premiums on the easiest terms. Young people everywhere are entering into contests in the production of corn and other crops, and such contests are encouraged by the Department of Agriculture at Washington. And crops grown from these fine seeds may sell for seed in the neighborhood where grown for twice or three times the price of ordinary seed grown there. I ask attention to how Mr. Everitt himself made his start as told in his talk to boys in Up-to-Date for January 15. Now think what the farmer boys and even the farmer girls, might do with these excellent seeds next season. Think how easy it is to get four pounds of the best corn ever grown in America; or four pounds of the most wonderful potatoes; or four pounds of the greatest oats ever grown in this country or in England. One dollar in subscriptions to Up-to-Date Farming at 25 cents a year will get four pounds of either kind of these unequaled seeds, enough for a good start. Or, if any one desires more of these seeds to begin with, $3, paying for a club of twelve yearly subscribers, will get absolutely free, twelve pounds of either kind of these seeds. Or if the sender desires, he may take four pounds each of the three kinds of seeds, making twelve pounds in all for the club of twelve subscribers. Besides, there are garden and flower seeds that appeal to the entire household.

But we must drop this subject and get to the letters.

DEAR CADETS: I do not take Up-to-Date Farming, but my sister does, and I think it a very good paper. I certainly love to read the Cadet letters best of all. I am 19 years old, my birthday being in December, and I live on a farm with my mother, sister and grandfather. We keep one horse and three cows. My sister teaches school five miles from home, and I go after her on Friday afternoons and take her on Monday mornings. I dearly love to sew, and I also love to play music. We got a new piano last fall, and I certainly enjoy it. I shall take lessons next summer. I would like to go out west. I have a married sister that lives in Colorado, and mother and I expect to go out there before another year goes by. My sister was here with us all summer, and, my! how we dreaded to see her go back! She has one of the sweetest little girls, just three years old. I would like to hear from the Cadets.—Blanche Parker, McCoysburg, Ind.

DEAR CADETS: I take Up-to-Date Farming and I think it a fine paper; we all like to read it. I will be fourteen my next birthday, which is February 12. How I would like a post card shower. I will answer all the cards I get. I live in Webster Groves. It is a nice little town, but I would rather live on a large farm. I used to live on a farm in Illinois. I like to go horseback riding every evening when I come home from school.—Agnes O'Kief, Webster Groves, Mo.

DEAR CADETS: I received my calendar and cards all right, and I thank the publishers very much for them. We think lots of the paper, and I like to read the letters, and am glad that this makes me a Cadet. I feel sorry for Nellie Tipton. I have a sister who is sick most all the time. I have worked for Up-to-Date for two years, and I know they will do the right thing with everybody. I am twenty years of age.—M. Wallace, Summit, Wash.

DEAR CADETS: I am a Colorado girl, fourteen years old, and I live on a farm of 120 acres. Our principal crops are wheat, corn, oats, beans and potatoes. We take Up-to-Date and think it is a good paper. We have been having a nice winter, but the last few days (early in January) have been very cold. I live four and one-half miles from Ramah, which is a small town, and I go one and one-half miles to school. I have two sisters and two brothers. My sister and I passed the eighth grade examination last year, under Miss Inez Johnson, our county superintendent.—Fern Moreland, Ramah, Colorado.

DEAR CADETS: Will you make room for another girl from the Wolverine state? My home is situated in the beautiful county of Leelannau, near the shore of Lake Michigan. My father owns an eighty-acre farm, and is also supervisor for our township. This is a great country for fruit raising, and some very large orchards have been started around here. We certainly raise fine fruit. It is also a great resort place in the summer. We have been taking Up-to-Date Farming ever since it was first published, and we would not be without it. I am eighteen years of age, and attend high school. I would like to exchange cards with Cadets near my age.—Edna Taylor, Empire, Mich.

DEAR CADETS: I am a Buckeye boy, sixteen years old. I clerk in a store in summer, but I go to school in winter. I will graduate in the spring. I think education a great thing, but I am fond of sport. I am trapping this winter and attend to my traps as I go to school. I would like to exchange cards with Cadets near my age, and will promptly answer all I receive.—McClellan Faucher, Chilo, Ohio.

DEAR CADETS: My father takes Up-to-Date, and I think it is a fine paper, though I am fond of story papers. I live in the country, and last February I received fifty cards from Mr. Everitt for a club of five subscribers and now I am expecting some more cards for a club of seven.—Sarah Kammet, Rice Lake, Wis.

DEAR CADETS: I am sixteen years old, and am going to school at Williamsburg. I live with my parents about a quarter of a mile from there on a farm of 110 acres. I like farming very well, but I believe I like braking on a train the best. I have been about the trains quite a lot. My father takes Up-to-Date Farming, and is well pleased with it. I would like to be both a Cadet and a Pioneer of Equity, and I would be glad to receive postals from the Cadets. I wil answer all I receive. My birthday is May 25, and I would enjoy a shower of cards then.—Floyd H. Hamilton, Williamsburg, Mich.

DEAR CADETS: I am an Illinois girl, fifteen years old, and live with my parents on a farm of 240 acres, in Franklin county. The principal crops raised in this county are corn, wheat and hay. Fruit is raised here, but last year it was a total failure. My pets are the broom, dishrag and duster. I take Up-to-Date and think it is a grand paper. I am interested in the Cadet letters, especially in those of Nellie Tipton. I have one sister and five brothers, all older than me. There are three mines here, and we do not live more than a mile and a half from either of them. I would like to exchange cards or correspond with any of the Cadets.—Mary Eickelmann, Christopher, Ill.

DEAR CADETS: I am a girl of sixteen summers, my birthday being March 7, and I certainly would like to have a post card shower then. I have lived on a farm since I was nine years old, and I have one brother older than myself, and one sister and brother younger. I attend the McGee Holiness college at College Mound, Missouri, which is about two miles west of our home. I also attend the Methodist Sunday school. I have a piano and take music lessons when not in school. I have taken Up-to-Date Farming a year, and I enjoy reading the Cadet letters very much. I would like to exchange cards with the Cadets.—Beulah Rice, Jacksonville, Mo.

DEAR CADETS: I have been reading your letters with much interest, and I wish to join you. We take Up-to-Date, and I think it the best paper printed. I am nineteen years old, and live on a farm of two hundred acres. We have had nice weather all winter, with the exception of a few cold days, and now (January 7) the weather is fine. I attended Warriner College in Sioux City, Iowa, but now I am on the dear old farm with my folks. My

SPLENDID CROPS in Saskatchewan (Western Canada)



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20th birthdoy will be February 15. I wish all the Cadets would send me cards or letters. I will answer all.—Lillian May Poradek, Hinton, Iowa.

DEAR CADETS: I am a West Virginia girl, fifteen years of age, and live on a fifty acre farm, where we raise corn, wheat, oats, hay and all kinds of garden vegetables. I read Up-to-Date and enjoy the letters very much. I would be greatly pleased to receive postals or letters from the Cadets.—Russie Lee Phillips, Beverly, W. Va.

DEAR CADETS: I am sixteen years old, and live on a farm of 100 acres. Our principal crops are corn, wheat and tobacco. I go to school at Center Point, to Elizabeth Day. I would like to exchange cards with the Cadets.—Ida Snider, Georgetown, Ohio.

DEAR CADETS: I am a country girl, sixteen years old, and live on a farm of 135 acres. We have seventeen head of cattle, two horses, seven pigs and 105 chickens. My sister takes Up-to-Date, and I think it a very fine paper. I like to read the Cadet letters, and I would like to exchange postals with the Cadets.—Lottie Chase, Decorah, Iowa.

Dear Cadets: I live on a farm of eighty acres. I take Up-to-Date and think it is fine. I must know when my time expires so I can renew, for I would not do without it. I am seventeen years old, and I have a pet horse of my own that will be three years old in the spring. I will be glad to exchange cards with my Cadet friends.—Clarence E. Stevens, Linton, Ind.

DEAR CADETS: I am a Tennessee girl and live on a farm of about 150 acres. The principal crops raised here are corn, wheat, oats, rye, cotton and almost all kinds of fruits and vegetables. I go to Rose Hill school, and like to go to school. I am a lover of music, and have an organ and can play several pieces. My sister takes Up-to-Date Farming, and we think it is a fine farm paper. I am specially interested in the Cadet letters. My birthday is February 25, and then I would be delighted to have a post card shower.—Annie Goldman, Pulaski, Tenn.

DEAR CADETS: I am a West Virginia girl, fourteen years old, and I live on a farm of 104 acres, four miles from Cameron. We have 114 sheep, four horses, two cows and two calves. We have been taking Up-to-Date Farming over a year and like it fine. We think there isn't any other paper like it. I live on the farm, but I would rather live in the city. We raise wheat, oats, corn and potatoes. We have an organ, but I can't play much, though I have taken a few music lessons. I go to school every day—have not missed a day this winter. I expect to graduate this year. I would like to receive cards from the Cadets, and will answer all I receive.—Georgia L. Parsons, Cameron, W. Va.

DEAR CADETS: Would you like to hear from a Washingtonian? I am fourteen years old, and live on a farm 18 miles west of Olympia, the capital of the state. We have been taking Up-to-Date over a year, and think it is a fine paper. We are having a little snow now (January 9). We raise cereals, vegetables and fruits. The only live stock I have is a calf and a dog. I should like to receive cards from any Cadets, but especially from Minerva Warington, of Mangrum, Kansas.—Harry Johnson, Gate, Wash.

DEAR CADETS: Can you open the door wide enough to take in a big Alabamian? I am twenty years old and weigh 175 pounds. I have been taking Up-to-Date for over a year, and I like it fine. I live on a farm of 195 acres in Cullman county, and I belong to the Pea Ridge band. Pea Ridge is a fine place. Come around, Cadets, and we will give you music of all kinds. Will exchange cards with all.—Allen Wood, Logan, Ala.

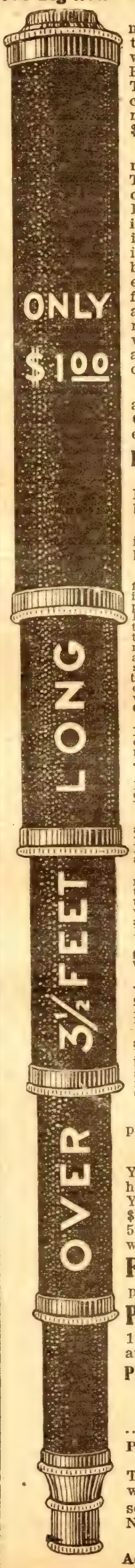
DEAR CADETS: I am a reader of Up-to-Date Farming, and we all like it very well. I am a Michigan girl and I live on a farm of 365 acres of our own in Van Buren county. Our principal crops are corn, hay, wheat, rye, oats and potatoes, with numerous smaller crops. I enjoy farm life. I was twenty years old January 21. We have several pets—a crow and two cats, and lovely Collie and Shepard dogs. We also have fifteen cattle, seven horses and 150 chickens. I would like to correspond with the Cadets, and will gladly answer all I receive.—Mayme Kobmann, Grand Junction, Mich.

DEAR CADETS: I was seventeen years old December 6. My brother takes Up-to-Date, and I like to read the Cadet letters very much. We have two horses, two cows, three hogs, five calves and several chickens. This is a rather nice country, but it is not much good for crops, as the seasons are too short. We moved to this country only three years ago. I would like to correspond with some of the Cadets, especially with Ralph Mathes, of Hammondsville, Ohio.—Euphemia Burroughs, Cowen, W. Va.

DEAR CADETS: My brother takes Up-to-Date, and we think it a grand paper. I am twenty years old, and have one brother and sister at home. My father is a Christian preacher, and is gone most all the time. We live in the town of Reck, and I go to school nearly all the time. Leonard Collins is my teacher, and we have a fine school. I would like to exchange postals with any of the Cadets, and will answer all I receive.—Lula Thompson, Reck, Oklahoma.

DEAR CADETS: I am a West Virginia girl seventeen years old, and I go to school in the country. I take Up-to-Date and think it is a fine paper. I would like to

To Introduce Our Big New Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



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Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

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See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—.O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

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Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

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SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.
Name .....
Address .....

exchange cards with the Cadets.—Florence Gibson, Yelk, W. Va.

DEAR CADETS: I am a girl nine years old, and weigh fifty-two pounds. I live on a poultry and fruit farm of seven acres, and I have lots of fun in the summer going to town with my father to sell strawberries. I have a pet sheep about a year old. My father takes Up-to-Date and thinks it is a fine paper.—Alma Tichenor, Lynxville, Wis.

Now I have crowded in every letter I possibly can, and they are good letters, too. But there will be just as good ones missed. Remember, life is a time for building up, and a continued effort. I wish the young people all over the country would take advantage of those seed offers. There is no telling what might be accomplished by way of seed and crop improvement in hundreds of neighborhoods, and good money made by those who started it.

Likes the Paper and Renews

DEAR EDITOR: I have been a subscriber for Up-to-Date Farming for about a year. Find 50 cents for renewal. It is worth much more than four times the amount I send. I think the letter from Nellie Tipton you published December 15, is worth the price of the paper. It is so pleasant to now that we can contribute to her happiness and give her a brighter life.—T. H. Hoehn, Aromas, California.

FARMERS OF TODAY AND THEIR NEEDS

As a Pennsylvanian Sees It

Mr. Editor:

I have been a reader of your paper for the past year. At first I did not care for it, but I did not turn it down. I gave it a passing glimpse—you understand how we do it when we are not interested. Finally I read it, and got next to your ideas, and I have been craving that paper ever since. Besides, I have been advocating your plan to every one who is interested in raising the farmers to a more prominent position with the business men of the world.

I would like to see you and have a heart to heart talk, for I think if the people were not so much taken up with the systems and methods of our grandfathers, and would give a little more thought to modern needs, great advances could be made. Let them sit down these long winter evenings and read UP-TO-DATE FARMING. If they don't get wise to the fact that they are going back, and that the men who read and think are moving ahead and prospering, I will miss my guess. They call a successful farmer a lucky one, because they do not read as he does and can not know what makes him successful.

There are any number of farmers around here that are working from spring to fall to raise enough to winter a lot of stock that would take prizes at any show for bum stock. Cows dry all winter, chickens that lay no eggs, seven to ten horses eating their heads off, with only work for two during the growing season. They have no cows to sell, no hogs to sell, and if they sell a horse it is so near gone they are afraid to keep it longer. They have no corn to sell because it takes all they can raise to feed their unprofitable stock. They declare there is nothing in farming any more, and there is not for them.

But it is time for those people to get wise and take a look at life's other side. They need a clearing sale, and then to fill their barns with paying stock, and keep their horses busy taking stuff to market to feed the millions of people our grandfathers never knew would exist. I could write all night about these people who think they are the real farmers, which I hope they may be some day.

I am going to ask for a dozen sample copies of UP-TO-DATE FARMING, and I expect every issue for 1911. When I get those samples I will try another dozen. If some one in every neighborhood where farmers are not progressing would take up this work and help to getUP-TO-DATE in every home, the paper will do the rest. We must enlighten and awaken the people first, and that is just what UP-TO-DATE FARMING is doing. It is up to the people who read UP-TO-DATE to get their neighbors to read it. Give the editor a helping hand by getting this paper into every home. Once it is there it will be there for good, and it will bear fruit to be enjoyed by all who helped along with these advanced methods.—B. F. Campbell, St. Clairsville, Pa.

Incentive

'Tis well that when the goal is gained
If one ambitious strong,
There is another, not attained,
That urges us along.
Strength.

We train ourselves to watch ourselves,
Until we find at length,
We've made our very weakness
The pillars of our strength.
Higher.

We should not pause to glory in
Emoluments we gain,
But rather struggle on to win,
The heights beyond our plane

A YY Farmer

There is a farmer who is YY
Enough to take his EE,
And study nature with his II
And think of what he CC.
He hears the chatter of the JJ
As they each other TT,
It makes a home for BB.
A yoke of oxen he will UU,
With many haws and GG,
And their mistakes he will XQQ
When plowing for his PP.
He little buys but much he sells,
And therefore little OO;
Because he studies marketing
And when to sell he knows.
—Woman's Home Companion.

Everything is Useful

There was a man in Atcheson
Whose trousers had rough patches on;
He found them great,
He'd often state,
To scratch the parlor matches on.

Like His Mother

Dirty Tramp—"Yes, the woman over there treated me like me mother."

Dirtier Tramp—"How so? What did she do?"

D. T.—"She told me to go along and wash me face and comb me head!"

Do You Know This Flower?



A Fine Prize Awarded for Every Answer

Here is a cut-up drawing of a very pretty and popular flower, one of the **Ten Varieties** in our Prize Collection. Can you cut out these pieces and put them together so as to show **what flower** the drawing represents? This looks a little hard at first, but I want you to **try it**, and send me your solution. Remember that the flower is one of the Ten Varieties named in our Prize Collection. This will help you to solve the puzzle correctly.

Bachelor's Buttons, Sweet Williams, Poppies, Cosmos, Sweet Peas, Nasturtiums, Candytuft, Calendula, Calliopsis, Mignonette.

I want to see how many readers of this paper can put this puzzle together. To every person who puts the seven pieces together and sends their answer to me with **4 cents** postage, I will **award as a prize** for skill and to pay for their trouble the **10 Prize Seed Packets** above (1 packet of each kind). I send seeds by mail on receipt of your answer.

Big Surprise For meritorious solutions I will also send my **Big Surprise Award** offer in addition to the 10 Prize Seed Packets. All I ask you to do is to send **4 cents stamps** to help pay postage, etc., on your seeds. Just cut out the pieces and put them together and send your solution to me with 4 cents postage and I will send your Prize **by return mail** and the **"Big Surprise."** Don't be afraid to try even if it does look hard. Send your solution, with your own name and address, to

F. H. PHELPS, Manager, 25 A Broadway, Springfield, Mass.

I Want to Put One of My Beautiful, Instructive and Useful Calendars for 1911 in Every Home Where Up-to-Date Farming Goes. —J. A. E., Editor

THE WOODLAND CALENDAR

THIS beautiful new calendar I had made for subscribers to UP-TO-DATE FARMING exclusively. I believe it will not be surpassed by any calendar for the year 1911 and equalled by few that can be obtained anywhere. It is a masterpiece of art while the selection of the subjects were most happy for our particular people. Birds are farmers' best friends. Therefore a Woodland Calendar will be welcome in each farm home where it will be a pleasure and joy to see, and an ever ready reference for full 365 days.

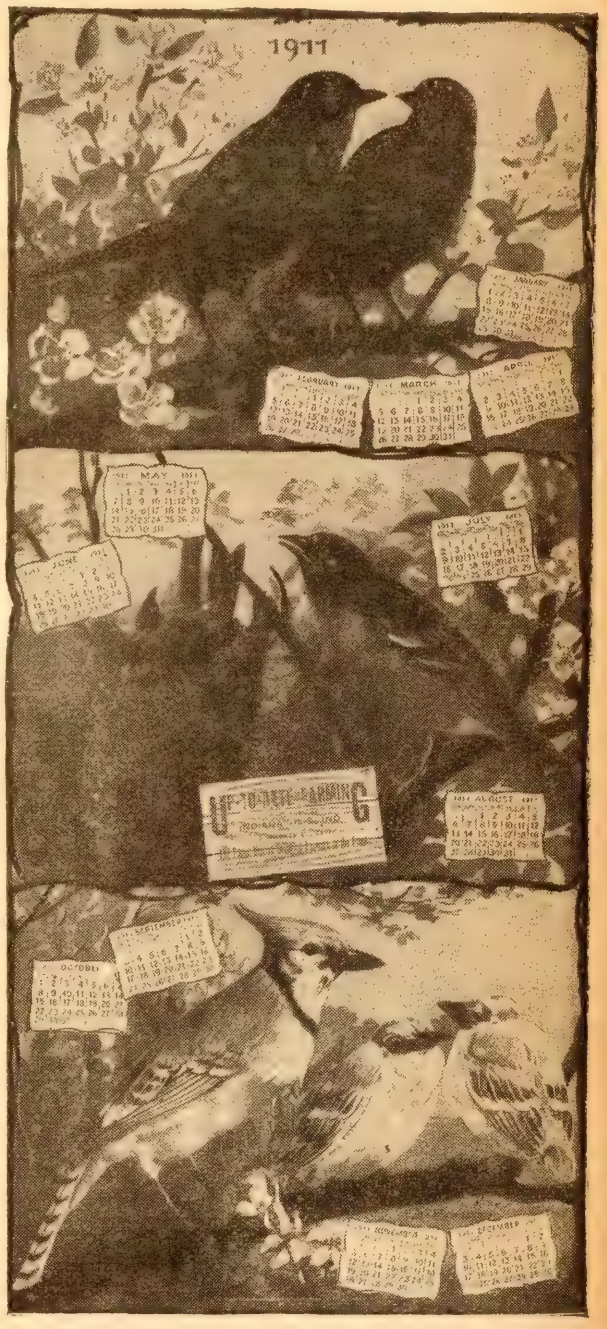
The Woodland Calendar is in three beautiful pictoral panels. The top one shows the harbinger of Spring. "Robins Mating" is the title. Look at them in the picture. The second, "Orioles Nesting;" and the third, "Baby Blue Jays."

They are all careful, consistent reproductions from life. The calendar is produced in twelve colors and the birds look so natural and life like that one, in fancy, can almost hear the cheery call of Robin Redbreast, or the querulous scolding of the Blue Jays, or the soft lingering notes of the Orioles—echoes of the free fields or forests stealing from these charming pictures.

Why affront the lovers of nature with expensive dead birds or artificial ones on the bonnet when you can have them FREE in all their pictured loveliness, from the brush of a celebrated nature artist in my Woodland Calendar? These winged messengers of the air will give a note of harmonious color and free woody atmosphere to every home. The Woodland Calendar gives an artistic charm to any room, is sure to attract every eye and impress your visitors with its novelty and charm, while it will ever interest and instruct the children.

It is true in this case that fine birds made a fine picture.

Size 2 feet, 1 inch high by 11 inches wide.



My Calendar Offer

I want one of my WOODLAND CALENDARS in each home where Up-to-Date Farming goes. Therefore, to each new subscriber or renewal for one year with 30 cents I will send one postpaid if selected instead of any other premium.

GET YOURS FREE—Send a club of four subscribers at 25 cents, for one year each—$1.00—and I will send each subscriber a WOODLAND CALENDAR and I will send you the paper and a calendar as a reward.

UP-TO-DATE FARMING, J. A. Everitt, Editor

WOODLAND CALENDAR COUPON

MR. J. A. EVERITT, Editor, Indianapolis, Ind.

I enclose $..... for which please send Up-to-Date Farming and the Woodland Calendar

My Name .....

P. O. .....

R. R. ..... Co. ..... State .....

Is this a new or a renewal subscription? .....

Cornish One Year's Free Trial



Cornish Instruments for real merit, are unexcelled by any other, whatever the price or name or reputation.

This is our offer to you—select any Cornish piano or organ, from the least expensive to the finest ever built and we, without one bit of obligation on your part, will send the instrument to you direct from our factory with the distinct understanding that if the instrument does not come up to your fullest expectations you are not to keep it, and that the

Trial Will Cost You Absolutely Nothing

If the instrument does not prove better value for the money than you can get anywhere else—if it is not as good an instrument as you can buy for one-third more than we ask—if at any time within a year you feel that you have not a good bargain, send it back; we won't find one word of fault with your decision, and you will not be one cent out of pocket for freight or for use of the instrument.

Two Years Credit If Needed



We Save You $100 and more On a Piano

The Cornish Bond Protects You

Easy Terms



Buy On The Cornish Plan—Save One-Third

and holds us strictly to this offer. You are to have the privilege of any terms of payment that you may choose. You risk nothing. **We assume all responsibility, because we know all about the great beauty of material and workmanship in Cornish pianos and organs and we know all about the pure, sweet, rich tone quality of our instruments and we know what a quarter of a million satisfied purchasers think of them.**

If you keep the instrument it will cost you the **Rock-Bottom Factory Price,** not one cent more, and you will receive with it our **Bonded Guarantee** which insures the instrument for 25 years against defect in material or workmanship.

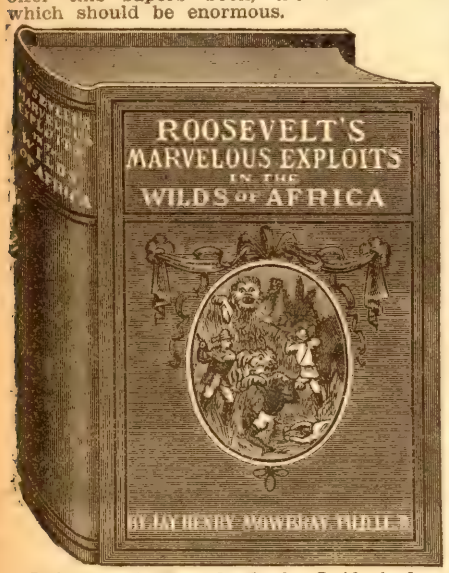
Send For The New Cornish Book

Don't think of buying before reading it. It is the handsomest piano and organ catalog ever issued. It explains things you ought to know whether you buy from us or not and it is yours for the asking. Write for it now and please mention which you are interested in—piano or organ.

Cornish Co. WASHINGTON, N. J. Established Over Half a Century

A Great New Book of Entrancing Interest

Millions of people have been waiting for the thrilling story of Ex-President Roosevelt's marvelous adventures in the wilds of Africa. The famous hunting expedition has ended and we already can offer this superb book, the demand for which should be enormous.

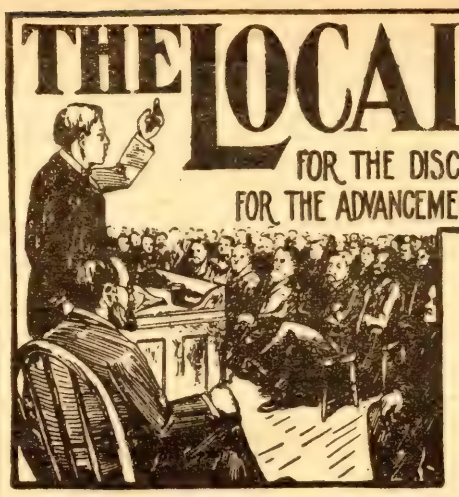


This great new book is 7x10 inches, printed on fine paper, bound in a beautiful cloth cover in colors, contains 256 pages and has an illustration on nearly every page showing the wild beasts of Africa and many interesting and critical situations.

MY OFFER.

For only $1.00 I will send a year's subscription to UP-TO-DATE FARMING and a copy of this book all post paid. The subscription may be a new one or old, but state which it is

J. A. Everitt, Editor, Indianapolis,



Occasionally you will come across a statement in your paper like this: "There is no other paper like this one."

—o—

It is perfectly legitimate for the editor to claim distinctiveness in appearance or contents of his paper when it exists, also to call his readers attention to it. The average reader is prone to overlook some of the most valuable features unless his attention is directed to them, particularly.

—o—

Last night when we were alone in our big building where UP-TO-DATE FARMING is edited, printed and mailed, preparing copy for "The Field," "Question Box" and "Our Post Card Club" departments in this issue, and as we read what our subscribers wrote and wrote replies to their questions we said, mentally, "there never was, is not now and probably never will be a paper like UP-TO-DATE FARMING."

—o—

And then we thought: Do our subscribers understand what this paper is doing—the great education it is accomplishing and the value of its advice and direction about marketing? Do they appreciate it as they should? Do they miss it when it stops because of their neglect to renew promptly?

—o—

And these questions led to this conclusion: If a farmer subscriber does not understand what we have done and are constantly doing; if he does not appreciate the enormous work we are doing for him and other farmers, the long hours of thinking and planning and working to realize our ambition and which should be the ambition of every farmer; if he does not miss the paper when it ceases to reach him it must be because he has not read it, or because he is dead to his own interests; that liberty and industrial freedom to him are despised, that he is content to be owned by his exploiters and intends to continue to work for them without a protest.

—o—

If the latter is the case that man is not worth saving and the limited number in that class can not affect our great proposition. But we fear there are some of the other class—those who think they are too busy to read each issue of UP-TO-DATE FARMING carefully, or have some other excuse. It is this class that we have in mind. They are worth saving from the exploiters; they are worth having on our subscription list because the time will come when they will read the paper thoroughly.

—o—

We wish we could be sure that this paper is read in each home where it goes, by the head of the family, by the wife and by the boys and girls. There are valuable departments for each of them. If you have not found them in the past, look for them in this number, or any number.

—o—

Perhaps there are some things printed that all can not subscribe to now, but there is enough in each issue that fits each one's work and problems that makes it worth while. Perhaps some hold the opinion that what we are trying to do is impossible, but there is enough evidence already to show that progress has been made. The rocks are not as hard and unyielding as they were at first. Dumping crops is not as general as formerly, but there are, possibly, ten granaries on farms now to hold grain to one when UP-TO-DATE FARMING, eight years ago, announced its new and strange doctrine of controlled marketing to compel profitable prices.

—o—

UP-TO-DATE FARMING is a paper that grows in the esteem of its readers. As we are writing this a letter came to our desk from Wm. Schmidt, Kingsley, Mich. In it was this: "I am very much pleased with UP-TO-DATE FARMING. The more I read it the better I like it and the greater is my interest in your works." A couple of days ago a subscriber wrote: "I have been a subscriber of UP-TO-DATE FARMING about a year. For months I passed it by because I had more interesting papers, as I thought. But one time I ran out of other reading matter and took up your paper. I soon became interested and concluded that I had been casting aside the richest pearl in all my collection. I am intensely interested in the paper now and always anxious for its arrival."

—o—

So we want every subscriber to get the habit of reading every department carefully. They are prepared with at least two objects in view: First, to be interesting or entertaining, and second to teach the great lessons of co-operation in marketing crops and of Equity in all the farmers' business relations. While speaking about the departments there is one perhaps more valuable than any other, we refer to "The Telescope" department. Every farmer who reads this department in each issue will sell his crops to better advantage and get more money than he could otherwise.

—o—

But this is not the only valuable department. There are editorials in this number, and every number, worth more to the actual farmer than any lecture delivered in any college on producing more. Read them. There is one answer in the "Question Box" to an inquiry about the future price of potatoes that is worth 20 years' subscription to the paper to any potato grower and so it is all through the paper.

—o—

There are about 7,000,000 farms in the country. UP-TO-DATE FARMING goes to over 150,000 of them, or about one in 47. Few ever figured it out that it covered the field so completely.

—o—

We often wonder how we can put UP-TO-DATE FARMING **on every farm.** Seeing that it specializes on the more important side of farming, and what it teaches about marketing can not be found elsewhere and that its mission is different from any other paper it does look as though every farmer will take it as fast as he learns of it, regardless of how many other papers he takes. In fact we have never been able to figure it out how any farmer who grows crops to sell **can afford** to do without it and its System of Marketing.

—o—

The subscription price is low enough, only 25 cents a year. There are hundreds of farmers who have used its System of Marketing and made enough extra profits to pay the subscription price for the balance of their lives. We have a case in mind: A subscriber in Missouri shipped a case of eggs, 30 dozen, to the Equity System, which netted 19c a dozen more than the local price. 30 dozen at 19 cents equals $5.70 gain on one little transaction. $5.70 would pay almost twenty-three years' subscription at the present price. Think of it!

—o—

And then there have been the carloads of potatoes, apples, cotton, corn, etc., with much greater profits. Isn't this paper different from all others because no other one performs such valuable service for its subscribers?

—o—

We just wish a great many present subscribers would make up their minds right now to send a club in February. We must have a great many new subscribers and when we get them we will want a great many more. So don't be afraid there will be too many.

—o—

Any person who will undertake to send a club in February is requested to fill out the coupon below and send it in. It costs nothing but the postage. With the coupons we will send a large circular of fine and valuable seeds for crop improvement and our plans for you to get them free. This is the coupon:

EDITOR, Up-to-Date Farming,
Indianapolis, Ind.
I will undertake to get .....Subscribers in Februa y. Plea: send me this number of coupons f.. one year's subscription, each.

. . . . .

. . . . .

My

Name .....

My

Address .....

ORGANIZERS APPLICATION

The Farmers Society of Equity

Indianapolis, Indiana

The undersigned desires to become an organizer of local and other unions of the FARMERS' SOCIETY OF EQUITY in the following territory. .....

.....

in the State of .....

I refer you to the following as to my character, standing in this community and my ability:

1 *A Farmer's name and address* .....

2 *Business Man's name and address* .....

3 *A Professional Man's name and address* .....

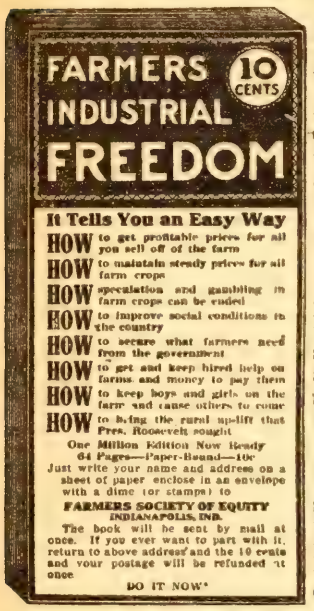
Please forward terms, commission, instructions, supplies, etc. In event the terms are not satisfactory to me I will notify you at once. If they are satisfactory I will put forth my best efforts for the Society.

My name .....

Date ..... *Address* .....

SEND FOR THIS GREAT BOOK

If you are a farmer and have any business troubles read this book. We want to place a copy of this volume in every farm home in the land. It is valuable beyond price, but we will send a copy to any person interested in solving the problems on the farm as shown on the title page, for only 10 CENTS.



—— —— —— COUPON —— —— ——

Farmers Industrial Freedom

Farmers Society of Equity,
Indianapolis, Ind.

Enclosed is 10 cents for which send me the new 64 page book *FARMERS INDUSTRIAL FREEDOM* which explains fully the Equity System for farmers co-operation in marketing, how it will be established, how it will be operated and the benefit to be derived.

My
Name .....

My
Address .....

REQUEST *ADVERTISERS WANT TO Know in what Paper they saw. Therefore We* **TO** *Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.** *their Advertisment was*

MRS. HOWEY'S ADDRESS

THE following is a summary of the address delivered by Mrs. James Howey, president of the Ladies Society of Equity, before convention of that organization held October 10, 1910. We regret that we did not have the address earlier, and that we can not now make room for the whole address.

Woman has been identified with every stage of the world's history, and she has a special work apart from man. That, no doubt, is why history is so largely devoted to the work of men. That may lead some to think that woman has played an unimportant part in the world's progress; but the fact is, very little of importance has been done without the aid of woman. Woman was with Adam in Eden, annd had a part in that great drama. She went with Noah into the ark, and, displaying wonderful beauty, was the wife of Abraham, and shared his journeys and the dangers of that uncivilized life. Admiring the greatness of Moses and the work he did for the human race, the world must not forget that for all this it is indebted to three women—the mother and sister of Moses, and Pharaoh's daughter. Thus history names many women who have stood in the front ranks of service, and whose work charms us all.

But much of woman's work is in the seclusion of home. It is there that our Lincolns and Grants are born and trained. Still much is done in the equally quiet field of local influence. Even now women are organizing everywhere so that they may better secure some desired object; and as ours is a meeting of farm women, our efforts today are for farm women and the farmer, who is the base of supplies for this mighty nation. Those who follow other business could be spared, but not the farmer, and the farm woman stands side by side with him.

Mr. Roosevelt in his country life talk, says our prosperity and life as a nation rests with the men and women on the farms; that the cities must look to the country for the clear brain and fresh blood necessary to carry on the great business enterprises of our nation. We should feel proud of our calling, and the place we occupy in the front for usefulness. Prominent in this field of usefulness is the doctrine of Equity, the basis of fairness for all. This is one of the greatest movements the world has known, and to us farm women comes the duty of helping and encouraging our farmer companions and friends to be true to the Equity Standard. Profitable prices for farm crops is the slogan, and the Ladies Society must be a co-worker with the men's Society of Equity.

Farm sisters, let me urge you to unite with this young society, and aid in building up a powerful organization. The Ladies Society of Equity should be the Joan of Arc to lead the farmers to this needed victory. Let us today as unselfish farm women, endorse the teachings and second the efforts of Mr. Everitt in his work for this uplift for the farming class. We hope to enroll thousands of our bright farm women in our organization. The possibilities of a great work looms up before us, impelling us to action. Our pathway may not always be strewn with flowers, but do not be discouraged. The Society brings to the farm woman the privilege of meeting in convention, and helping to make prices on the products of the farm. Butter, poultry, eggs and garden products appeal most directly to us, and in our Society we have the privileges of the Equity Marketing System. One of our first great duties is to interest farmers and help them perfect their organization; but, standing firmly on our own principles, we must be broad enough to assist all women on all questions of public interest. Wherever we can do good, let our influence be felt.

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Warning From Florida

DEAR EDITOR:

Since I came to Florida I have learned some things that your readers should know.

First, no person should buy Florida land until he has seen it. Some land is very fertile and some is quite poor. I am reliably informed that there is much more of the latter than of the former. I have found that land that will produce good citrus fruit is not good for vegetables and vice versa. We stopped at St. Cloud. We advise old soldiers who intend to come to Florida to see this section; if you buy be sure that the title is perfect. St. Cloud is too far north for the best success for citrus fruit. Perhaps, as general advice, it is safe to say that any place south of a line drawn east and west across the state from Tampa is a good place to locate, but be sure the ground is suited to the kind of crops you desire to grow. Every thing looks well for the Society of Equity and its System of Marketing.—J. H. Harpster, Bradentown, Fla.

Members at Large

THE F. S. E.:

Since I became a member at large I have secured six of my neighbors to do the same and I report them herewith. I expect to report a local union in a short time. The literature you sent I have distributed and it is having a good effect. We need a local union here for our farming and market gardening operations, and for social advantages.—G. H. Kincaid, Lebanon, Ind.

Eleven Subscribers, A Few Hours' Effort

DEAR EDITOR:

I am pleased to send you this club of eleven subscribers, the result of a few hours' effort. You will hear from me soon with more. I am going to educate enough farmers to start a local here or at Lucas. This is one of the richest farming sections in the state. We need co-operative marketing and everything else as you have many times shown us will come with the Farmers' Society of Equity and its local unions.—D. F. Ernsberger, Perryville, O.

Likes It on Short Acquaintance

DEAR EDITOR:

I subscribed for Up-to-Date three months ago and I wil say that I never got to like anything so well in so short a time, unless it was my first love. But that did not last while I will always prize your paper better and better. Your paper is unequaled and all it lacks is the balance of a million circulation. To give it that I propose that every present subscriber do a little. I have been farming here in Maine, where we grow the biggest crops of potatoes, for 28 years and I am not much better off now than when I started. And it is the same with nearly all the farmers in Lincoln county. The whole trouble is lack of system in marketing, dumping, consequently low prices. We need the Farmers Society of Equity and the Equity System of marketing. We need it badly and at once.—A. P. Griffin, Lincoln Center, Me.

On the Right Track

DEAR EDITOR:

I have taken your paper for a year. I know you are on the right track and all us farmers know it. We also know that we pay more every year for what we buy because the merchants won't undersell one another. They all hang together. But the blamed farmers have not yet united as they beat themselves every year and then blame the trusts or somebody else. Success to your splendid efforts. I will help all I can. Send me some sample copies and I will hitch up old Dick and take them to my neighbors.—H. A. Starks, Lee Center, Ill.

A Great and Good Work

DEAR EDITOR:

I have quit active farm work on account of my age, but I am still interested in the price of farm produce. Keep hammering away and you'll win. You are doing a great and good work for farmers and I don't see how a single one can avoid acknowledging it, through his financial support to our paper—Up-to-Date Farming and the Farmers Society of Equity.—N. P. Crocker, —— Ill.

THIS AWL sews shoes, harness, belts, rugs, gloves, etc., etc. A time and money saver in every household, on every farm, for every teamster. Curved and straight needles. Can be carried in the pocket. Always ready to mend a rip or tear. Saves trips to town. Will make it unnecessary to buy many new things.



MYERS
Famous Lock Stitch SEWING AWL

My Offer Mr. Myer wrote me that I must not offer his awl at less than $1.00, therefore, since I can not continue my offer of 75 cents including one year subscription I will make it $1.00, and send you UP-TO-DATE FARMING two years. I guarantee entire satisfaction on this offer even at $1.00.

J. A. EVERITT, Editor, INDIANAPOLIS, IND.

APPLICATION FOR MEMBERSHIP

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

I further agree to attend the meetings of my local union, (when a member of one) to assist in its programs, to talk, praise and promote the Society, by voice, pen, the wearing of the official button and distribution of literature, as may be convenient, to its upbuilding throughout America.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date; pays for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?..... *Will you try to Organize a Local Union?*.....

Name of Your Shipping Station .....

Galloway Manure Spreader



Let me show you where and how I can save you 20% to 40% of your purchase money on a manure spreader.

You can take your pick of ten different styles—from the fifty bushel wagon box spreader, $39.50, f. o. b. Waterloo, up to my complete, all steel gear No. 5 spreader, sixty to seventy bushels—a size and a style for every farm. One for your farm at a saving of one-fifth to nearly one-half of your money.

How can I do it? Give me your name and I'll write you how and prove every word. Briefly it is that the Galloway is made in a factory with a capacity of 42,000 spreaders of all styles a year. The spreader is sold direct to you at actual factory cost plus one small profit based on this enormous quantity. Absolutely the best value for the money! It's positively true, and more than 50,000 farmers of America say so. Let me send you their proof. Photographs, letters, articles to papers about my spreaders. Proof for any man, even the most unreasonable.

Ask me any question. I'll give you some farmer's answer to it. That's the kind of argument that tells.

You are asked to sift this testimony of eye witnesses. Then take a Galloway onto your own place. Try it thirty days, or more if you need it—make it prove itself. Then I'll take your word, be it yes or no. If it's "no" I'll take back the machine, refund your money, and pay all the freight. I'll even give you 6% interest on your money for the time I've had it. Or you can try it with your money in your own pocket—makes no difference to me. You are the judge, anyhow. I don't ask you for a minute to take my word. It's your word I have to take. There are lots of things that I know about this spreader business that you want to know. Let me tell you.

Let me show you how I divide the melon with my farmer friends.



GET MY BOOK | **"The Great Crop Maker"** Absolutely FREE

Write Me Tonight **Wm. Galloway, President**

The William Galloway Co.

Authorized Capital, $3,500,000

509 Galloway Station, Waterloo, Ia.

When writing to advertisers don't fail to mention Up-to-Date Farming.

New Rupture Cure

Don't Wear A Truss



Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions.

Binds and draws the broken parts together as you would a broken limb.

No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

CATALOGUE FREE

C. E. BROOKS, 3898 Brooks Building, Marshall, Mich.

Don't Wear a Truss

FREE

STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

TRIAL OF PLAPAO

Address—PLAPAO LABORATORIES, Block 59, St. Louis, Mo.

OUR POST CARD CLUB

DEAR EDITOR:

Your lovely cards received. I thank you ever so much for them. I showed them to my friends and they too, think they are beautiful. I saw Mr. Rawson today and he is pleased with his paper. I gave our papers to the neighbors when they came in—"Make it circulate" you know. I send $1.10 with this and I want one of your food choppers.—Mrs. Matt Moore, Whippany, N. J.

I want to thank you for the beautiful post cards. They are far ahead of any others I received from you. I did not succeed in getting up a full club and did not know you would give me any reward, so I think you were very liberal. Almira C. Sykes, Dorset, Vt.

DEAR EDITOR:

The box of 50 post cards and album all received. I am greatly pleased and thank you for them. I will show them to my friends.—Mary A. Browning, Winamac, Ind.

DEAR EDITOR:

The lovely cards received. They are beauties. I am going to try now to get you up another club as you deserved it for sending me such beauties. I find it no trouble to get subscribers and I am going to earn a fountain pen.—Minnie Mason, College Park, Ga.

DEAR EDITOR:

When I asked my old subscribers if they wanted to take Up-to-Date again, they would say, "Yes, you bet I do. It is the paper to keep me posted on the markets. Some said they enjoyed the beautiful premium cards so much and that they were worth all the cost, etc. I send with this another club and expect to send others.—Mrs. Simon Rufener, Windham, O.

DEAR EDITOR:

I am sending you two more clubs. All of the subscribers like Up-to-Date very much and will continue to take it. Also they think your beautiful prize cards are unequaled. I think you send the most beautiful cards of any paper I ever got subscribers for. —Miss H. A. Staggers, Salt Fork, Okla.

DEAR EDITOR:

I received the 15 post cards you sent me and I am more than pleased with them. They are more beautiful than I expected. I have sent them to my friends and now want some more, so here is another club to earn them.—Emma Driscoll, Eldorado, Ill.

DEAR EDITOR:

I just received the set of cards and hasten to say that they are more beautiful than I expected or than you promised. I do think they are the most perfectly lovely ones I ever saw. I will try to get a club and earn 50 more. Please send a paper to show. I anxiously await your reply.—Mrs. Charles Merrill, Cornisto, Me.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

AGENTS; 100 PER CENT PROFIT. New combination tool; 15 in one. For farmers, mechanics, plumbers, electricians, autowners. Thomas Mfg. Co., 482 Third St., Dayton, Ohio.

LADY OR GENTLEMAN, fair education, to travel for old established house. Salary, $12 per week to start. Expenses advanced. Geo. G. Clows, Dept. F, Philadelphia, Pa.

WHY STAY AT HOME when you can earn $100.00 to $150.00 monthly selling Scriptural Flower mottoes. Retails quarter. Samples 3 for 40c. 6 for 75c. 12 for $1.00 postpaid. F. H. Arnesen, 1864 N. Leavitt, Chicago, Ill.

Farm Lands For Sale

BALDWIN COUNTY ALABAMA. Farm lands and improved farm around Foley and Summerdale for sale cheap. Get my booklet describing lots and farms at Orange Beach Alabama on beautiful Perdido Bay. D. R. Peteet, Foley, Ala.

TEXAS SCHOOL LANDS $1.50 to $5.00 an acre; 1-40 cash, balance 40 years; some don't require residence; good land. Write J. J. Snyder, Dept 27, Austin, Tex.

CUBA. Most productive soil. Delightful and healthful climate. Ample rainfall. Cheapest transportation facilities to the world's greatest markets. Particulars free. Sanderson, 70 Palace Bldg, Minneapolis.

MICHIGAN FARMS, all kinds and sizes, $8.00 acre and up, easy terms. Catalogue free. Kouw & Co., Holland, Mich.

104 ACRES in Washington Co., Ind., good, highly productive land, well improved, new 9-room house, good out-buildings, big apple and peach orchard, R. F. D., telephone; on improved highway. Near school and church; two miles from town. bargain at $50 per acre. Write me; I am owner, not agent. Samuel Batt, Smedley, Ind.

OWNER WILL SACRIFICE a 60-acre unimproved farm in Washington Co., Ala., near Miss. line, right on railroad. One mile from town. Best land in the country for truck raising, tobacco, corn and potato growing; will produce three and four crops a year. All good high land; no swamps; no stones; no blizzards; no long freezes. Land right next to this and no better in any way is selling right now for $25.00 an acre. Will sell at a big sacrifice for quick all cash deal. Write for particulars. J. B. Fentony, Indianapolis, Ind.

THREE MICHIGAN FARM bargains. A. G. Blood, Lainsburg, Mich.

"TIPS TO HOMESEEKERS" is free to all except "Suckers." Hesitate and investigate before you migrate. Sec. Scott Co. Development Association, Waldron, Ark.

Farms Wanted

FARMS WANTED—Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 71 Palace, Minneapolis, Minn.

TO SELL your property write Northwestern Business Agency, Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

PREMIUMS FREE—Send names and addresses of ten heads of families and receive premiums. Enclose 5 cents for catalogue. Guy W. Mayberry, Newberry, Ind.

RICE, NEW CROP. 100 pounds beautiful, clean, white table rice in double sacks, freight prepaid to your railroad station, $3.85. J. Ed. Cabaniss, Rice Farmer, Katy, Texas.

Male Help Wanted

WANTED—RAILWAY MAIL CLERKS; city carriers, postoffice, customs, internal revenue employes. Average salary about $1,100. Short hours; annual vacations. Common education sufficient. Send your name immediately for schedule showing places of coming examinations. Free coaching. Franklin Institute, Dept. F 27, Rochester, N. Y.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

ALL LEADING VARIETIES Poultry, Pigeons, Ducks, Hares, Stock and Eggs for sale. 50 page book free. H. M. Musselman, Morwood, Pa.

BARRED ROCK COCKERELS, bred from my celebrated strain of bred-to-lay stock. Write D. S. Hounshell, Crockett, Va.

CHICKEN GAPE WORM Extractors. Unequaled; three for 25c in silver. Guaranteed. Dr. Wm. Hallowell, Johnsville, Pa.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs, Catalogue 2 cents. Missouri Squab Co., St. Louis.

NARAGANSETT, Bourbon Red, White Holland, Mammoth Bronze Turkeys. S. Durigg & Son, Armstrong Mills, Ohio.

Produce Commission Merchant

TAKE NOTICE—T. J. Hoover, Phila., Pa., sells poultry, eggs, apples, potatoes, onions, cabbage, carloads and less.

Situation Wanted

HOLLAND EXPERIENCED TRUCK and fruit farmer wants position on farm. Address E. P., care UP-TO-DATE FARMING, Indianapolis.



This column is for members and subscribers. Use it to ask any questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

Tell your readers that this market wants County Blackeye, Crowder, Lady and Whipporwill peas and Velott beans. Send samples and either state your price or ask for price. THE EQUITY SYSTEM, Thad Partridge, representative, Mobile, Ala.

QUESTION: *Our annual Farmers and Teachers meeting will be held here on February 9, 10 and 11. Can you (Mr. Everitt) be present or send a speaker of the F. S. E. if I can get a place on the program and what will be the expense? I believe this community is ripe for organization.—E. M. Reynolds, Hesperia, Mich.*

ANSWER: For Mr. Reynolds information and others who write I will say that I am too busy to go on speaking tours, but we can usually send the National organizer or an assistant. N. O. The exganizer or an assistant. The exsonable expenses and $3.00 a day. If the local people insure a good attendance at such meetings enough members are usually taken to meet all expenses and a good balance left for the local union.

Q. Ours is a prosperous town and community, but from what I have heard of the Farmers' Society of Equity and its Equity System of marketing, their establishment here might give us even more prosperity. How can this be brought about. I can hardly wait for a reply.—M. L. Balcomb, Sparton Co., S. C.

A. We sent you full paritculars and instructions.

Q. One of my friends has informed me that you people are doing something to procure right prices for farm produce. I have potatoes to sell. They are selling at 28 cents at my station. (1) Can I, a farmer without experience, ship a carload into Milwaukee and turn it over to a wholesale dealer without any interferance by the city authorities, (2) commission (3) or anybody else, after I have paid the freight? I have sent samples to a dealer. (4) If he does not quote me the right price what shall I do (5) How can I avoid paying to the middleman the usual big per centage of what my produce sells for?—H. P. Anderson, Poy Sippi, Wis.

A. (1) Yes. (2) I don't know. (3) I don't know. (4) Don't send to him. (5) The best way is to ship direct to the Equity System, but whether to Milwaukee or another market we will tell you on the day your car is ready to start.

Q. I have potatoes to sell as I have reported on the blank. Buyers offer 30 cents here now. (1) How can I ship to the Equity System. (2) Cannot you send a representative here to buy our potatoes? I want to see the Equity System established here.—O. E. Backer, Beaver Dam, N. Y.

A. (1) We sent you confidential directory of representatives. As soon as you begin to load a car ask Farmers' Society of Equity, Indianapolis, for shipping instructions. (2) It is not the Equity System plan. That would be a needless expense that you can save.

Q. I note the quotations for wheat in UP-TO-DATE FARMING *is $1.20 for wheat you can furnish us a demand for wheat at $1.20 all the farmers here will join the Farmers' Society of Equity.—A. R. Troutman, Millertown, Pa.*

A. You mistook the *minimum price* for a "quotation." The F. S. E. can not do better than direct you to the highest market in the country if you market now. If you hold we believe the price will be higher. When enough farmers join the Society or read its official paper they can compel the minimum price to be paid at harvest time and for all the crop.

Q. Will you send me a commission to organize local unions? I believe there is an excellent opening here now. People who were members of the first society, and who have upheld it even after its departure from the true plans see their mistake now and are coming to me and asking about the Farmers' Society of Equity. I believe the time has come to organize this county, so send me or some other person a commission.—B. F. Boultinghouse, Rockport, Spencer County, Ind.

A. We have sent the commission.

Q. (1) How many members will it take to get a charter for a local union of the F. S. E.? (2) What is the charge for joining. (3) Have you any literature in the Italian language? There are about 200 market gardeners around here, mostly Italians. The chief crop we raise for shipping is onions, red and yellow, cabbage and grapes. Commission agents buy ten to fifteen carloads per day in the season. (4) Do you think we can ship by the Equity System this year and do better than selling to the agents?—Adam Tischbein, Stockton, Cal.

A. (1) Ten is the least number. (2) $2.00 for each member. (3) No. (4) Yes. You can ship direct to the final market, and the best market in the country and save nearly all the expense of the Produce Exchange system.

Q. We, the members of Bretzville Local union, No. 346 of the F. S. E. met after a period of inactivity and elected new officers. There are nine members in good standing now and we want to know whether we will be recognized as a local union. Please enter all names for our beloved official paper—Up-to-Date Farming.—Jacob H. Bretz, Bretzville, Ind.

A. Headquarters will recognize your union and we urge you to build up its membership to a large number. Your county (Spencer) had 33 local unions in 1907, with a membership of 562. All of them ought to be glad to come back to original principles and the plans that gave them such great benefits before they were led into the wilderness and lost.

Q. I enclose my dues for 1911. I intend to stay by the ship as long as she sails under the flag of "Equity." I was at the 1908 convention and will be there in 1911 if there is one. I would like to see more letters in UP-TO-DATE *from Minnesota.—W. O. Reiter, Plainsview, Minn.*

A. Thanks. There certainly will be a convention in 1911. We second Mr. Reiter's wish for more letters from Minnesota. Send them along. Minnesota had 163 local unions and 4,870 members in 1907—all lost in the wilderness of undigested theories tried against the true, proven and practical Equity plans. They are invited to come back to the only plan ever given to farmers under the sun by which they can win their industrial freedom.

Q. I have been reading about your method of helping farmers to market their produce and think it is the proper way. This part of the country surely needs a new system to get what our crops are worth. We have many tons of broom corn but we can't find a market worth while. There is only one buyer here and he offers only $20.00 to $40.00 a ton. Now if you can cite up to a market that will pay us a fair price this part of Oklahoma will organize in the Farmers' Society of Equity. Please send me your instructions and I will try to organize a local union here.—W. D. McLain, Ringwood, Okla.

A. The Equity System can direct you to the highest and best market for broom corn but it can not secure for you more than the market price. And growers need not expect anything better until they organize and are in a position to control planting and marketing.

The growers themselves are responsible for the low prices. For a few years the crop was moderate and the broom corn handlers forced values very high. This stimulated planting in 1910. Thousands of farmers who did not raise the crop before planted a "patch." The total production while we don't know how much, is very large. Many of the "patch" growers have taken their brush to local broom makers and had it made into brooms on the shares. These brooms are being traded or sold to storekeepers and that has shut off some of the regular demand from the large factories and jobbers. The business is now demoralized.

What to do? Well, the grower who can hold his brush over to another season better do so and raise less next year. The low prices will force many to quit growing then prices will go up. If this crop is dumped at low prices it will go into the hands of middlemen and they will get the higher price that is bound to come. If you can't hold, ask the Equity System for the best market to ship to. This is an answer to many similar letters.

Q. What do you think now about the future prices of potatoes? Do you still advise gradual marketing or do you think potatoes will be higher in the spring?—J. W. Kincaid, Berrien Co., Mich.

A. I advise gradual marketing. The department of agriculture has issued a bulletin which contains the following about potatoes:

The crop of 1910 was 338,811,000 bushels, of 1909, 376,537,000 bushels, of 1908 278,985,000 bushels. Potatoes in hands of growers on Jan. 1, 1911, of 1910 crop, 39.9 per cent of crop; in hands of dealers, 10.7 per cent; total, 50.6 per cent. In hands of growers of 1909 crop, on January 1, 1910, 40.2 per cent; in hands of dealers, 9.7 per cent; total, 49.9 per cent. In hands of growers of 1908 crop, on January 1, 1909, 33.5 per cent; in hands of dealers, 11.3 per cent; total, 44.8 per cent.

If the government figures are correct, there were left of the 1910 crop on January 1, 171,438,000 bushels; of the 1909 crop on January 1, 187,891,000 bushels; of the 1908 crop, on January 1, 124,983,000 bushels. The price in the winter and spring of 1909, following the estimate of 124,983,000 bushels the first year, was very high in Chicago; January, 60@79c; February, 65@95c; March, 30@93c; April, 85@$1.10; May, 70c@$1.50. All growers will remember the very low prices of last spring from an estimated supply of 187,891,000 bushels on the first year. While it is impossible to forecast the future prices accurately, I believe, with reasonable moderation and control in marketing the January 1 supply will be taken at prices a little higher than have prevailed.

The same report states that the normal consumption of potatoes in the United States should be 400,000,000 bushels, which we subscribe to, but this quantity would prove disastrous to growers while the old system of marketing continues.

Four Pounds Highest Bred Seed Corn in the World Given With a Subscription to Up-to-Date Farming

Get One Hundred Bushels of Corn to the Acre

It is done every year with this corn. Read the testimonials below. What is not in the seed you can not bring out in the crop. Plant this productive seen corn for big crops.

Largely because of this variety of corn Indiana's yield for 1909 and 1910 has averaged 20 bushels per acre more than Kansas, 15 bushels more than Nebraska, 6 bushels more than Iowa, 16 bushels more than Tennessee, etc., etc. Indiana raises more corn per acre than any other state.

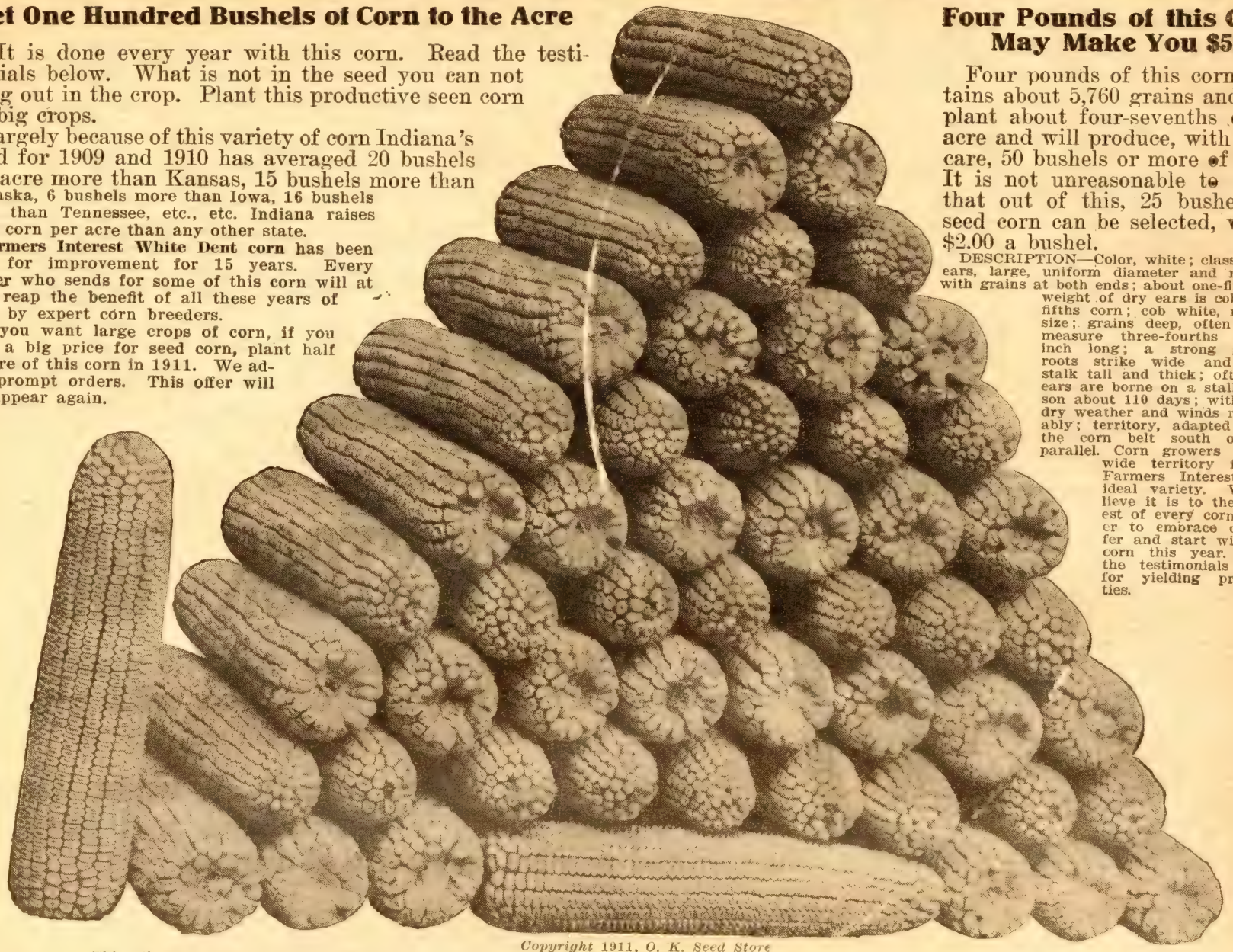
Farmers Interest White Dent corn has been bred for improvement for 15 years. Every farmer who sends for some of this corn will at once reap the benefit of all these years of labor by expert corn breeders.

If you want large crops of corn, if you want a big price for seed corn, plant half an acre of this corn in 1911. We advise prompt orders. This offer will not appear again.

Four Pounds of this Corn May Make You $50

Four pounds of this corn contains about 5,760 grains and will plant about four-sevenths of an acre and will produce, with good care, 50 bushels or more of corn. It is not unreasonable to claim that out of this, 25 bushels of seed corn can be selected, worth $2.00 a bushel.

DESCRIPTION—Color, white; class, dent; ears, large, uniform diameter and rounded with grains at both ends; about one-fifth the weight of dry ears is cob, four-fifths corn; cob white, medium size; grains deep, often grains measure three-fourths of an inch long; a strong grower, roots strike wide and deep; stalk tall and thick; often two ears are borne on a stalk; season about 110 days; withstands dry weather and winds remarkably; territory, adapted to all the corn belt south of 41st parallel. Corn growers over a wide territory find in Farmers Interest their ideal variety. We believe it is to the interest of every corn grower to embrace our offer and start with this corn this year. Read the testimonials below for yielding propensities.



Copyright 1911, O. K. Seed Store

This pile of corn is a bushel of Farmers Interest. There are 56 ears. Weight 70 pounds. When shelled the grain weighed 58 pounds.

A Record Unequalled

INDIANA—The Farmers Interest corn is yielding 100 to 120 bushels per acre all over my field. Nothing like it ever seen in all this section before.—L. C., Indiana.

I grew 5 acres of Farmers Interest corn and the yield over the whole field was 90 to 105 bushels per acre. The 50 acres yielded 4,945 bushels. Matured early, ears mammoth.—C. A. Helm, Indiana.

Farmers Interest is turning out 95 to 100 bushels per acre. Four of my neighbors are each getting over 100 bushels per acre. This report is not exagerated, but facts.—C. A. B., Indiana.

IOWA—On 28 acres I raised 2,430 bushels of Farmers Interest corn. It's the finest white corn in this section.—C. F. Pearson, Linn Co.

ILLINOIS—Farmers Interest astonished us. A field of such mammoth corn ears I never saw before. It is good for over 100 bushels per acre.—W. P. R., St. Clair, Co.

KANSAS—I visited my brother in Kansas and saw his field of Farmers Interest corn. I never saw its equal all my way to Kansas and return. The ears looked like arms of giants. He wrote me it yielded 114 bushels per acre.—A. M. T., Knox Co., Ind.

KENTUCKY—We thought we grew good corn, but your Farmers Interest is yielding 110 to 120 bushels per acre, beating our best native corn 25 to 30 bushels per acre.—C. W. W., Breckenridge Co.

TENNESSEE—Farmers Interest is the largest, heaviest and best white corn I ever saw. In a test 50 ears made a bushel and the cobs weighed 12 pounds.—J. W., Maury Co.

MISSOURI—Farmers Interest, the greatest corn I ever saw.—A. R., Miller Co.

$1.00 THE LIMIT

We want four year subscriptions for $1.00, which entitles the sender to four pounds of corn to plant one-half acre; or clubs of four or more one year subscribers at 25 cents each, which entitles the sender to one pound for each yearly subscriber. But if any person will write and say that he can not conveniently spare $1.00 we will accept his one year subscription and send one pound for 30 cents, or two years and send two pounds for 50 cents. We want to make as thorough a distribution of this corn as possible.

GET NEW BLOOD

FARMERS INTEREST corn is offered to corn growers to introduce new blood, to improve their crops. This variety has been bred for more than fifteen years. It probably has the best blood that runs in the white-corn race. It has been awarded practically all the first and sweepstake prizes in national and international corn shows for many years and it has rarely failed to capture the highest honors when exhibited at State, district and other fairs. With one step any corn grower can now get the accumulated results of many years of special breeding. Hundreds of dollars and years of labor could not bring your own corn to what you can now get in this corn at once, and free.

Mr. C. P. Hartley, Physiologist in charge of Corn Investigation, the Department of Agriculture, Washington, D. C., said: "Improvement of the quality of seed is the LEAST EXPENSIVE method of increasing the yield per acre," and "well conducted corn breeding requires SPECIAL METHODS that general farmers have not time to apply. * * * The general farmer is a propagator rather than a breeder of corn. He PROFITS by the careful work of the breeder BY ADOPTING THE HIGHER YIELDING STRAINS and propagating them. Corn breeders are improving corn as cattle breeders have improved cattle. FIVE DOLLARS A BUSHEL WILL BE A PROFITABLE BARGAIN FOR BOTH PARTIES FOR SUCH CORN."

Indiana is usually not considered as ranking equal to some other States in growing corn, but as a matter of fact she leads all in average yield per acre. Her position ahead of all the other States is due to her corn breeders and not to superior soil or climate. The following table, made up from government reports, shows the average yield per acre in some states:

Year	Ind.	Iowa.	Neb.	Kas.	Ky.	Tenn.	Okla.	Ark.	Mo.
1910	39.5	36.3	25.8	19.	28.6	25.9	16.1	25.	32.8
1909	40.	31.5	24.8	19.9	29.	22.	17.	18.	26.4
10 yr. average	34.7	32.3	27.5	22.5	26.7	23.	24.2	18.7	28.6

The quickest, cheapest and simplest way to raise the average in all these States is to plant improved seed, as Mr. Hartley says; and the best variety is the Farmers Interest White Dent corn.

SOME OF THE PRIZES WON BY THIS VARIETY

WORLD'S FAIR, Chicago, 1893—First. Paris, 1900—Grand Gold and Silver Medals. St. Louis World's Fair, 1904—First. Buffalo, 1906—First. International Corn Show, Chicago, 1907—Grand Sweepstakes, $1,000; at Omaha, 1908—Grand Sweepstake Prizes of $1,000 Cash and $1,000 Trophy; at Omaha, 1909—Grand Sweepstake and many other prizes. Also other notable awards too numerous to mention.

J. A. EVERITT, Editor Up-to-Date Farming, Indianapolis, Indiana.

How To Get This Corn Free

Send the coupon and a $1.00 bill at my risk. For the dollar I will enter a new subscriber, or a renewal for FOUR YEARS and send four POUNDS of Farmers Interest corn and my offer how to get a new potato, a great new oats and other seeds FREE. Or, if you prefer, get one year subscribers, as many as you can at 25 cents each. I will send one pound of Farmers Interest corn for each subscription. It may be one subscriber or 100. I make no charge for the corn and I will deliver it to you.

Of course, I want present subscribers to renew ,but I offer this thoroughbred corn with the hope that you will GET ALL YOUR NEIGHBORS TO SUBSCRIBE. The limit to the amount of this high bred corn you can get is only limited by the neighbors you will see. Four out of five will gladly give you 25 cents for a year's subscription to Up-to-Date Farming.

To-day is the day. This offer will not appear again.

UP-TO-DATE FARMING,
Indianapolis, Ind.

I enclose $————for which send UP-TO-DATE FARMING and premium below, all post paid.

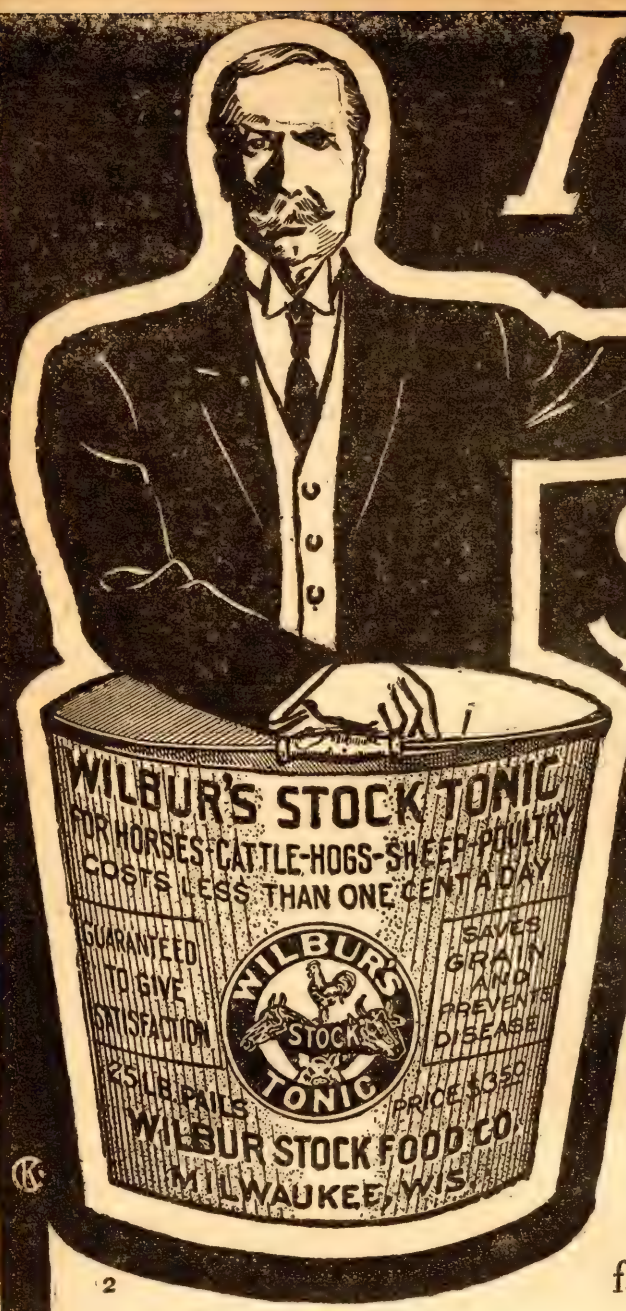
Name .....

P. O. .....

R. R. .....State .....

Premium .....

Attach paper for more subscribers and premium wanted.



I Want to Send You This $3.50 Pail Free

I want you to know for yourself why

WILBUR'S STOCK TONIC

is fed by 500,000 stock raisers daily. I want you to see what it does for your horses, your milch cows, your hogs, your sheep and your poultry.

I want to prove to you beyond all doubt, that Wilbur's Stock Tonic is a wonderful feed saver, fattener and positive preventive of disease.

I want you to find out by actual test that my tonic makes money for you every time you feed it. That's why I'll send this big pail absolutely free to you and to every reader of this paper, where we have no agent, who fills out and sends me the coupon shown below.

I don't want you to pay me a cent for this big full size $3.50 pail, now or at any other time.

I don't want you to do anything to earn it.

It is not a premium, but a gift, and my object in giving it to you is to let you prove to your own satisfaction that it is a feed saver and money maker for you. IS MY OFFER FAIR?

Do you risk one cent by accepting this big pail free? Is it worth a two-cent stamp? If so, just fill out the coupon below, AND MAIL TODAY.

What Others Say

Williamsport Pa., May 17, 1910

Wilbur Stock Food Co.,
Milwaukee, Wis.

Gentlemen:—We have used one pail of your food for our two horses. It saved the life of one of them after everything else failed. Please give us price and terms on pails. Yours,

BOYS' INDUSTRIAL HOME,
T. P. S. Wilson, Mgr.

Arkansas City, Kans., Apr. 5, 1910.

Wilbur Stock Food Co.,
Milwaukee, Wis.

Gentlemen:—Would like to know what the prices on one thousand pound lots would be. Have been feeding it about two months and think it is all it is claimed to be. Hoping to hear from you soon soon, I am,

Respectfully,
BERT WILHELM, R.F.D. No.6

Stephens, Ark., Dec. 17, 1909.

Wilbur Stock Food Co., Milwaukee, Wis.

Dear Sirs:—You will find herewith enclosed money for the five pails of tonic. Will say, it is all you claim for it and more. I tried it on a sick calf which was nearly dead with sores. The first dose relieved it and now it is alright. It is good for all kinds of stock. I found it cannot be beat. It is a God's blessing. Yours truly, J. J. CARROLL.

F. P. Wilbur President

WILBUR STOCK FOOD CO., 240 Huron St., Milwaukee, Wis.

FREE $3.50 PAIL COUPON

F. P. WILBUR, President,
WILBUR STOCK FOOD CO.,
240 Huron St., Milwaukee, Wis.

Please send me the $3.50 pail of Wilbur's Stock Tonic **free of charge.**

I own _____ horses _____ cattle _____ hogs _____ poultry.

My Name _____

P. O. _____ R. F. D. _____

Freight Station _____ State _____

Pass This Paper to Your Neighbors : Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

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Up-to-Date Farming

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Farmers, Organize!

Every Day of Their Lives Farmers Needed the Right Kind of an Organization for Business and Protection, But They Never Needed It More Than Now to Defeat Injurious Legislation.

" * * * Certain it is that no part of the United States can compete with Canada in wheat production, unless it be the northwestern states, lying contiguous thereto, and they have already passed their zenith of production. That simply means the ruin of wheat growers of the interior and and older states especially, and makes us an importing instead of an exporting nation. This is not an exaggeration or overdrawn picture. It is more than a possibility; it is a probability.

"* * * Add to this the blow struck at the growers of other grain, hay, fruit, vegetables, live stock, dairy and poultry products; in fact all United States crops, and we can confidently say a more mischievous measure was never before the American congress. It is as though the American farmer was taken in a giant's hand and crushed, for if the wheat growers are driven to abandon that crop they must take up something else, and thus increase the products and lower the prices of other crops.

"And no compensation is offered the farmer. Every Canadian concession is on some manufactured article, and the farmers must still pay high prices for protected goods. **BUT EVEN THESE PROTECTED PEOPLE ARE SHORTSIGHTED, FOR THEY CAN NOT SELL IN THE HOME MARKET IF THE FARMERS, THROUGH LOW PRICES BECOME UNABLE TO BUY.** In all earnestness we appeal to our national congress, and to influential men everywhere, to consider well what this measure means in values before giving it support."

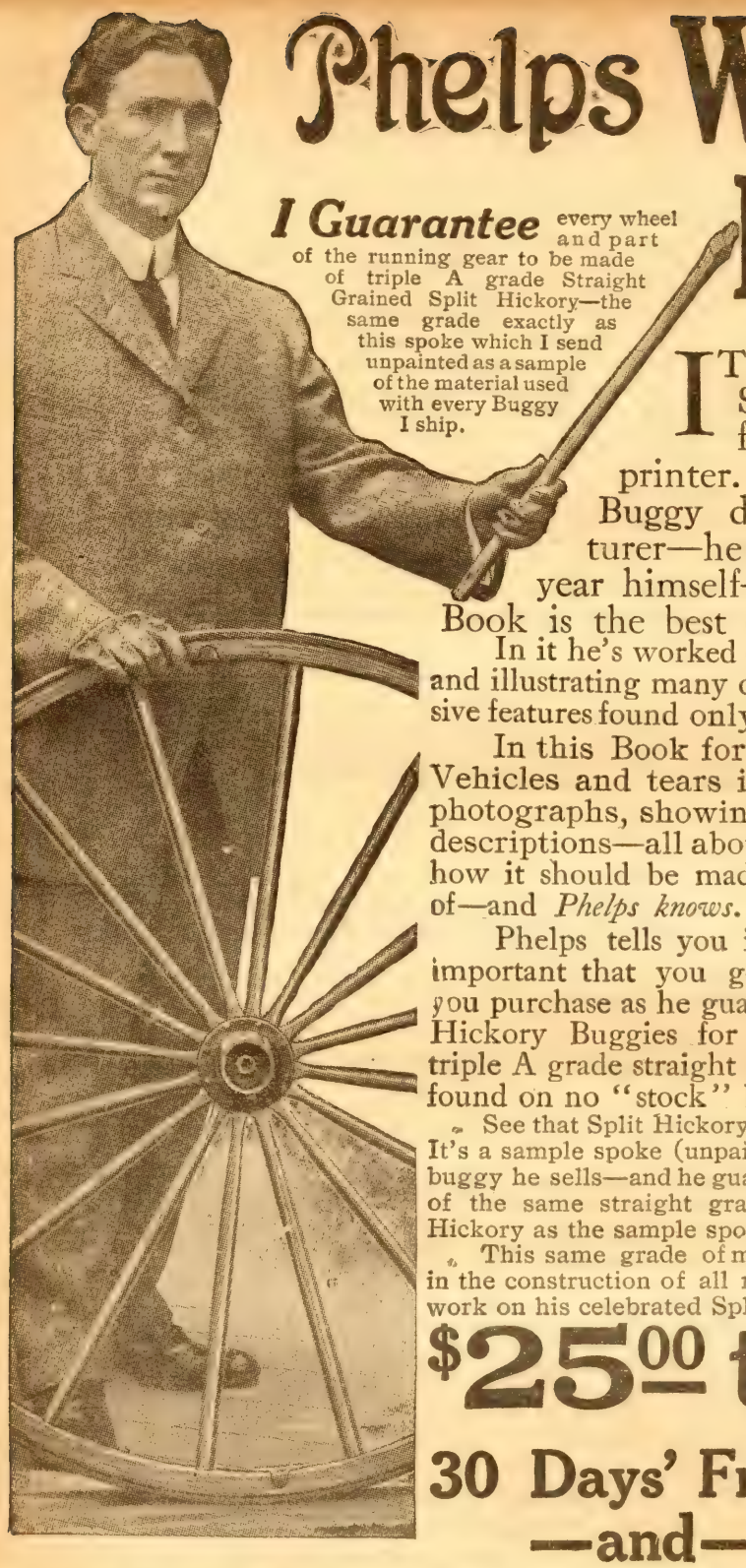
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and He Pays the Postage

This Book is The Big Show Room of All Styles of Vehicle for 1911

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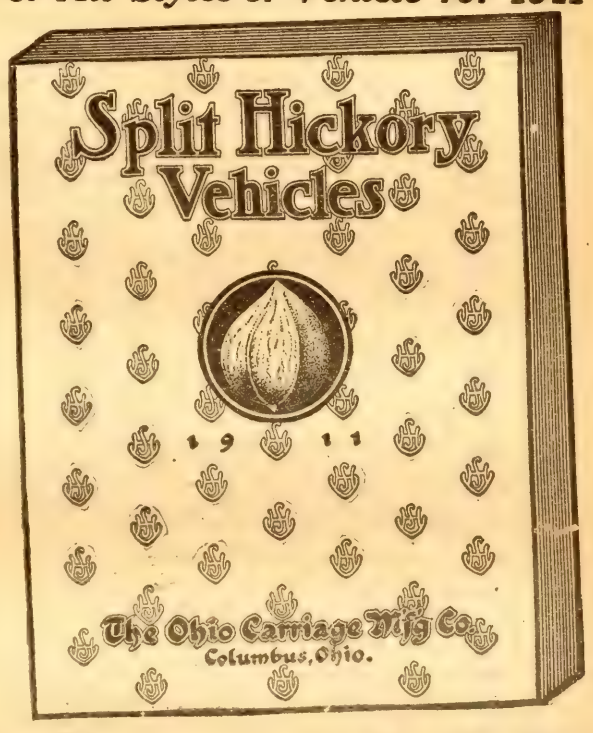
In it he's worked out a new plan of displaying and illustrating many of the important and exclusive features found only on Split Hickory Vehicles.

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According To The Style Of Vehicle You Buy

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Phelps is the largest manufacturer in the world manufacturing Vehicles sold direct from factory. He has sold over 125,000 Split Hickory Vehicles to people all over the country who have read his advertisements—as you are doing now.

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Don't You Want a 30-Day Free Road Test of this Auto Seat Buggy



From Phelps you can get what you want—when you want it—not what some dealer happens to have in stock—and you can have many choices in style, finish, upholstering, trimming, etc. Don't you want this Big Display Book of Buggy Styles? Isn't it worth a postal to have this Book in your home for reference? Phelps wants you to have it—FREE—and he pays the postage. Just write him a note or a postal—say—"Phelps, I'd like the book." He will do the rest. Address

H. C. PHELPS, President

The Ohio Carriage Mfg. Co.,

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UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
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EDITORIAL

The Canadian Tariff Treaty

Urged by the President

DURING the last week in January President Taft laid before Congress the so-called reciprocity treaty with Canada. Representatives of this government and Canada have been at work on the treaty or agreement for about ten months, and in submitting it to Congress the President accompanied it with a message strongly urging its ratification. Its leading features are thus summarized:

The following articles are to be admitted into the United States from Canada free of all tariff duties: Leading food products such as wheat and other grains, dairy products, fresh fruits and vegetables, fish of all kinds, eggs and poultry, cattle, sheep and other live animals.

Barbed wire fencing is made free by both countries, and some raw materials, such as mica and gypsum, which enter into numerous manufacturing industries are made free by the United States.

Printing paper is to become free under certain conditions. Rates are to be reduced by both countries on secondary food products, such as fresh meats, bacon and hams, lard and lard compounds, canned vegetables, flour, cereal preparations, and other foodstuffs partly manufactured.

Rates are reduced by both countries on a long list of manufactured commodities, which includes motor vehicles, cutlery, clocks and watches, sanitary fixtures, satchels and similar leather goods, plate glass, brass band instruments, ink and miscellaneous articles. The tariff on agricultural implements, such as plows, harvesters, thrashing machines and drills, is reduced by Canada to the United States.

We wish to take a calm and deliberate view of this proposed agreement between the United States and Canada, and to discuss it entirely free from partisanship or prejudice, and independent of what anybody else may say or believe concerning it.

The principal interest centers upon the effect it will have on farming in the United States. Farm products are practically all made free, so that Canada may freely pour into the United States practically everything in the line of rural products that Canadian farmers can produce more than they need at home. Wheat and other small grains, we presume, constitute the most important element in this part of the agreement and we shall consider these products the central commodities around which the interest in the treaty revolves. But other commodities are by no means insignificant. Canada now pays $386,000 tariff on the amount of hay shipped from that country into this in spite of the present tariff. She pays $352,000 on the flax seed and linseed shipped from there here; $276,000 on the live animals raised in Canada and sold in the United States; $257,000 on the vegetables so imported; $142,000 on the oats; $105,000 on the dairy products, and $97,000 on wheat flour.

If Canada can produce and sell at a profit in this country and pay that amount of tariff thereon, how much could she ship in and sell in competition with our farmers if there was no tariff to pay? The effect of the treaty in these particulars is to take the sums named from American farmers and give them to the Canadian farmers. How? Canada now ships that stuff into the United States and sells it at our prices, paying the tariff out of the sum received. Remove the tariff, and she can send in much more to be sold at Canadian prices, and the farmers of the United States will be compelled to accept the same prices for their products. And in this respect Canadian resources are almost unlimited. They may, in fact, supply our entire demand at Canadian prices, and thus practically drive our producers of these crops out of business, for we can not produce as cheaply as they can in Canada. The President can not be unmindful of this, for in his message urging the ratification of the treaty, he says:

"We have on the north of us a country contiguous to ours for 3,000 miles, with natural resources of the same character as ours, which have not been drawn upon as ours have been, and in the development of which the conditions as to wages and character of the wage earner and transportation to market differ but little from those prevailing with us."

But, as we have said, the principal interest, perhaps, clusters around wheat. Only an imaginary line separates the great new fields of Canada from the northwestern fields of the United States. Canadian farmers have long been able and willing to pass their wheat over the border and sell it for less than our farmers received, and this would beat down the price of the entire American crop. Our American millers have also been anxious that this could be done. But a tariff of 25 cents a bushel kept the Canadian wheat out of the country. In other words, wheat had to sell on the Canadian side at a price 25 cents a bushel below the price on the American side, and, of course that protected the American farmers, and saved them from the competition of the cheaper grown Canadian wheat.

This is by no means a new question. Canada and our American mills have long wanted this protection to American farmers removed. Several years ago a Secretary of the Treasury, in the interest of the mills, arbitrarily remitted this tariff duty on Canadian wheat, and allowed wheat to come to the mills from Canada free of the tariff, on condition that the flour made from it should be exported and not sold in this country. Of course, this was exercising an unwarranted authority, and put Canadian wheat in competition with American wheat, for what wheat the mills obtained from Canada they did not have to buy from United States growers. UP-TO-DATE FARMING pointed out this fact at the time, and received a long letter of explanation from the Secretary of the Treasury, but nothing that explained away the facts, or the effects. Now it is proposed to throw down every bar and open the doors wide.

In this prospect, it is well to consider the wheat producing possibilities of the two countries. Our agricultural experts have talked a great deal about the exhausted condition of our soil, and the fact that not much more can be brought into cultivation. We do not fully agree with them; but it is a fact that Canada northwest of us is a great and new country, just beginning to be developed. It is almost of unlimited extent, fertile as our own great fields in the northwest were at the beginning. Its development is even now being aided and will be pushed by our farm implement and steel trusts that are given advantages by this new agreement, so that the possibilities are that in a few years Canadian production may monopolize the American supply, and absolutely drive American wheat growers out of business. Certain it is that no part of the United States can compete with Canada in wheat production unless it be the northwestern states lying contignous thereto, and they have already passed their zenith in production. That simply means the ruin of the wheat growers of the interior and older states especially, and makes us an importing instead of an exporting nation. This is not an exaggerated or overdrawn picture. It is more than a possibility; it is a probability.

But there is a still wider view to take of this matter. There has already been announced the formation of a gigantic trust to develop wheat production in Russia's practically unlimited rich and undeveloped lands. It is reported that millions of capital is going there for that purpose, not more in the interest of wheat production than for the opening up of a great market for farm implements and machinery. Other wheat areas of the world are likewise being developed. This is leading to increased production in Argentina and elsewhere, and it means that ere long these outlying countries can supply the world's demand, and thus reverse world conditions, making, as we have said, the United States dependent upon other nations for bread.

Add to this the blow struck at the growers of other grain, of hay, of fruits, of vegetables, of live stock and dairy and poultry products, and we can confidently say a more mischievous measure was never before the American congress. It is as though the American farmer was taken in a giant's hand and crushed, for if the wheat growers are driven to abandon that product they must take up something else, and thus increase the production and lower the price of all other crops.

And no compensation is offered the farmer. Every Canadian concession is on some manufactured article, and the farmers must still pay high prices for protected manufactured goods. But even these protected people are short-sighted, for they can not sell if the farmers become unable to buy. In all earnestness we appeal to our national congress, and to influential men everywhere, to consider well what this measure involves before giving it support.

A BUSINESS MAN'S OPINION OF UP-TO-DATE FARMING

MR. J. A. EVERITT:

As I have failed to get my paper since January 1, and not knowing when my time was up, I send my renewal. I have been a constant reader of your paper for the last six or seven years, and I can't afford to drop it now. I would be glad if more farmers would take Up-to-Date, for it teaches things all farmers ought to know—how to sell crops for the best prices.

WILLIAM T. NOLAN, Sr.
Lone Oak, Texas.

Mr. Nolan is president of the Farmers Union Warehouse Company of Lone Oak, Tex.

Low Farm Prices Mean Light Business.

IT MAY be that the object of the Canadian reciprocity treaty is to punish American farmers for the much discussed high cost of living. If so, our law makers are striking at the wrong fellow. The best authorities in the country have admitted that the high price is built up between the farmers and the consumers. If the price builder is to be punished there must be a knock out of the fellow between.

But the trusts and protected interests that are backing these measures are cutting off their principal customers. If prices to farmers are beaten down below the line of remuneration, farmers quit buying. The protected interests and trusts are simply "killing the goose that laid the golden egg." A California paper thus expresses it:

In this new campaign for lower prices let us make sure that we are aiming at those who are to blame for the extortionate rates which have prevailed for the last few years. A cheapening of farm products will not help business conditions. It is quite possible that cheaper food will lessen the burden of city life for the poor, but not if it be at the expense of wages and business activity.

The low price of grain today is something of a blow to farmers, who are not purchasing goods freely nor circulating money with as great liberality as they would if they were getting higher rates for their produce. When the producers begin to hold up their food supplies on account of depressed markets, business becomes slack in the country, money circulates slowly, storekeepers are unable to sell goods or pay bills, and bankers report bad times. This at once affects city wholesalers and manufacturers, who employ less help and cut wages. Times soon become bad all over, under such conditions. This is not a theory, but a fact which has been painfully demonstrated at the East, in the last few months of money stringency. Fortunately for producers the low prices for country supplies have prevailed only a short time and the purchasing power of farming communities is not yet greatly crippled.

How to Secure Abundant Production

ECONOMISTS are constantly expressing alarm at what they consider increasing evidence that American farmers will soon be unable to produce enough to feed and clothe the American people. So insistent has this fear been expressed that the officials at Washington have felt called upon to take notice of it, and the chief of the bureau of statistics seeks to allay the fear by arguing that production is not likely to seriously diminish and that the present rate of increase in population is not likely to be long maintained.

These two assumptions may be correct, or they may not. We see no good reason on which to base the latter one. But, correct or not, they have little to do with the problem of feeding the people. Agriculture has never yet done its best in this country. We concede that crops have shown increases and decreases; that sometimes the surplus has been large and sometimes it has been small; that sometimes there has been much to export and sometimes little; that during all these times the colleges, and lecturers, and institute workers, and the agricultural departments of the nation and states, as well as the agricultural press, have energetically and persistently taught and urged what they have called better farming, conservation of soil, fertility and increased production. All this has been good, and occasionally excellent local results have been shown; but general averages year after year have stubbornly refused to grow. This failure to increase general yields is what has caused the fear that farming might ultimately fail in this country.

We see no cause for fear. Whenever a crop has commanded a good price, and been profitable for a few years, it has invariably increased in production. If farmers could be assured that what they grow would command a steady and remunerative price, it would require no other urging to increase the yields. When farmers know that often big crops are worth less than little ones, what inducement have they to push for increased productiveness? And when the educators tell them what to do with their grounds and seeds in order to grow big crops, what encouragement have they to do those things when they are given no assurance of prices?

Men work for what the results of their labor is worth to them. The laborer in the shop, or factory or mine knows what he is to receive per day and he works for that; and when he realizes he is not being paid enough, is not receiving an equitable wage, he quits work, strikes for better pay. But the farmer simply toils on in the darkness of uncertainty. When urged to fertilize and go to greater expense and increase his yields, if he asks what will be the price of his produce, the astonished lecturer replies: "Oh, I don't know about that; you must depend upon the market for that!"

We wish some of these farm lecturers and agricultural professors would get an audience of manufacturers, and urge them to push their great shops to their utmost capacity, and increase the output to the furthest limit, and then depend upon the market for the price! Some distinguished "educators" would learn a lesson, and it would not take them long to do it. Why is not such doctrine as appropriate to manufacturers as it is to farmers? Each produces things for public use, and each depends upon the price of the product for remuneration. The manufacturer knows the demand, at least approximately, controls the output accordingly, and sells only at his own price. The farmer hustles to the limit, produces all he can, as all his teachers urge him to do, and then goes to the buyer to learn the price he is to take for his surplus!

Is it any wonder that farmers are slow to increase production? Is it any wonder the teachings of the experts seem ineffective? Is it any wonder that students of these things get alarmed when they think of future demands and the slowness of the present increase of supplies? Remove the uncertainty, give the farmers "a sure thing," prices they can rely upon, prices steady and remunerative, so that when they plant and reap they may know what the returns will be, and all the pests in the world can't hold down production. Teach the farmers business in selling as well as skill in producing and the world may then look upon the fields and be satisfied.

Can't you teach that? Then quit teaching production until you have studied the science of price and marketing, and then teach both together. Results will follow that kind of teaching, and the fears of future starvation will disappear with your one-sided knowledge of farming.

Why Not Organize for Business?

IN ONE of our exchanges published in one of the greatest states of the middle west, introducing a lengthy article on "Organized Agriculture," we find the following:

> In a certain sense every farmer is the competitor of every other farmer. He raises the same kinds of grain, live stock, poultry and orchard products, and sells them in the same market. Unless his products are better than those of his neighbors or are prepared with more care, he receives the same prices.
>
> The farmer lives an isolated life. His time and attention are occupied with the management of his great manufactuaing machine. He has ample time for thought and is a keen thinker. He desires information and is an earnest student both of the conditions with which nature surrounds him and of the facts which are presented to him by others.
>
> These facts have made for the general benefit of the individual farmer, but have prevented his close association with his fellows in organizations for their mutual good. Business men in the cities have their organizations for mutual benefit, as do the laborers their unions. Farmers, however, do not organize in this way for business purposes.

The writer then goes on to speak, with very proper commendation, of the various associations of farmers for special purposes—for the exhibition of products, the fairs; for the improvement of live stock and poultry, the various stock and poultry associations; the organizations to discuss better cultural methods, the schools and institutes, etc.; all good and making for progress.

But why not organize for business? Other business people do, as is admitted. Is not farming a business? Would not the adoption of business principles make it more successful as a business? Truly the farm and its operation is the "management of a great manufacturing machine." What manufacturing business could exist without strict observance of business principles? "Every farmer is the competitor of every other farmer," and sells the articles he manufactures, his products, in the same competitive markets, and at prices made by the buyers. Put other manufacturers, the producers of artificial commodities, on this method of making and selling, and again we ask, how long could they do business? But "business men in the cities have their organizations for mutual benefit."

Is it any wonder that farmers so often find themselves at a disadvantage in the business world? Their income depends upon what they receive for their products, and that does not depend so much upon the quantity they have as upon the price they receive. Hence to be successful, and to occupy a position at all equal with the manufacturers of other things, they must organize for business. They must cease to compete with each other as individuals. They must quit dumping on glutted markets. They must know what and where the demand is, and how best to get to it; and they must then sell at prices that insure remuneration. They must organize for business.

The South Wants a Change of System

ALL parts of the country are beginning to see the unbusinesslike methods employed by the farmers in doing business. The following extract from a letter published in a leading Southern paper shows how tired the farmers of the South are becoming of the old system, and how eager and determined they are to change it:

> "That the system of business under which we have been working the last half century is wrong, can not be denied. We have only to look over the gullied hills, the unattractive homes and consider the enormous debt upon the shoulders of the farming class * * * When the farmer's products are ready for the market, let him sell as wisely as the merchant sells or the banker lends. When he has purchases to make, let him buy as cautiously as the merchant buys or the banker loans. To do this will completely change our business system, and that is what we must do, that is what we are going to do."

But how to do that is a question that still puzzles many. It all hinges upon organized control of production and marketing; or, we might better say, voluntary control—knowledge of what is needed, where it is needed, and what it ought to be worth in comparison with the price of other things; that is, in proportion with the general level of values.

Do any think that could not be done, or that it would be a task too difficult to undertake? We believe it a much simpler problem than many that have been solved. It is merely a matter of information and acting thereon; and even more difficult information is being gathered all the time for the benefit of other lines of business, and all sorts of statistics are compiled with no thought of attendant difficulties. The government itself gathers information and compiles statistics, farm statistics too, as difficult as any required by the new marketing system, much of it, in fact, being the very information needed, if put to that purpose. It is just as easy to learn of demand as it is to learn of supply; to learn how much of any crop is on hand as how much will be planted; to learn how much of the stock on hand is being used as to learn how the crop is progressing, and what will be the probable yield; to learn where this article and that is needed as to learn where the commodity is on hand and for sale. This information can be obtained and it can be given out, and the farmers can act upon it both in production and marketing. It would simply be to inject business principles into farming.

Will not farmers take up such a system and work it out? Then help us to educate them up to it. They can do it, and they will when they know how and see the advantage of it.

The Problem of Price.

THE national secretary of agriculture shows by figures that the high prices eaters are compelled to pay for foodstuffs is not because the farmers are receiving excessive prices for their products. On the authority of those figures, he officially declares "The farmer does not get his share."

How shall he get it? That is a question that is troubling a great many people in the United States today. The Progressive Farmer, a wide awake North Carolina paper, suggested it to southern farmers, and received answers from a number of interested people. Among others the following is quoted:

> "If you reduce the price on this one Southern product (cotton), say 5 cents a pound, it would shake the very foundation of every financial institution in the South. The reasonably profitable price at which cotton is now selling is the basis of all our good feeling, it is the reason why lands are advancing, it is the reason why our colleges and universities are boasting of larger attendance than at any time in their history."

There we have a confession that successful farming depends upon remuneration, and that remuneration depends upon the price; and yet the same writer admits further on, that "in all the South you will find no united effort to sustain a profitable price on cotton."

There is a problem in the South, however, that is not nearly so pronounced in the North. Years ago, when they could scarcely do otherwise, Southern planters got into a system of credit farming. The banks furnished the money to meet farming expenses, taking a lein on the prospective crop; or merchants furnished the home necessaries, the living for the farmer and his family and his hands, and possibly feed for his team, also with a lein on the growing crop.

We say when this system fastened itself upon Southern farming the Southern farmer, perhaps, could not do otherwise. But why has not Southern farming long since outgrown that system and discarded it? Simply because the farmer has not had his share of the wealth he has created. During all these years the farmer has been practically the only wealth creator in the Southern states, and yet he has all the time been held subject to those who have controlled but have not created the wealth.

Until Southern farmers can shake off that system, and they have made material gains in recent years, they will need help to maintain prices; not financial help so much as moral support and proof of what can be done by agricultural co-operation. A system like the Equity System, established in true equity, to apply to all crops, must necessarily sustain prices and protect the crops of the South as well as elsewhere. Establish a system that will know the demand for all crops, that will know the aggregate supply, and that will be able because of that knowledge, to determine a fair and equitable price and to so direct the marketing as to secure that price—such a system must control the price even though the stuff may be held to secure a bank loan or a merchant's account; and that, too, without in the least jeopardizing the bank's interest or the merchant's, or in anw degree impairing the obligation of the farmer, who will then be able to make more certain calculations in his business transactions.

EXPORTS DECREASING

FIGURES made public by the Bureau of Statistics of the Department of Commerce and Labor, show that the farm products exported from the United States during 1910 are much below what was exported the year before. Cotton shows a slight excess in value, but the quantity exported was less, the higher price being responsible for the increased value.

The value of the wheat exported in 1910 was $22,000,000, while the exports for 1909 reached a value of $49,000,000. Corn exports fell a little below $24,000,000; the year before it was $24,250,000. Flour exported last year was worth $43,000,000, $7,000,000 less than the year before. Of meat and dairy products there was exported last year $108,000,000 worth; the year before, $131,000,000 worth. Of cattle, hogs and sheep there were only $9,000,000 worth exported last year, against $16,000,000 the year before.

This does not necessarily mean reduced production; it may mean increased demand and better prices at home. Or it may mean diminished demand and lower prices abroad. Or it may be the result of greater quantities being held by speculators in this country in expectation of higher prices here. The latter has at least been a factor, especially in meat, dairy and poultry products.

The Greatest Corn in the World Farmers' Interest

CORN growers must have new seed to improve their crops, just as stock growers and poultry raisers must have new blood to improve their herds and flocks. Farmers Interest corn has been constantly bred up for more than fifteen years, and it probably has the best "blood" that runs in the white corn race. This variety has been awarded many of the first and sweepstake prizes in national and international shows for many years, and it has rarely failed to capture the highest honors when exhibited in state, district and other fairs.

Farmers Interest is a beautiful white corn, large ears, of uniform diameter, and rounded with grains at both ends; the cob is white and of medium size; grains deep, often measure three-fourths of an inch long; it is a strong grower, roots strike wide and deep; stalk tall and thick; season about 110 days; withstands dry weather and winds remarkably; adapted to all the corn belt, and has been grown with great success south of the recognized corn belt.

Take some facts and figures: Indiana is not usually ranked fully up to some other states in growing corn, but Indiana is the home of Farmers Interest corn, and as a matter of fact, she leads all the states in yield per acre. This fact is shown in the following table, made up from official government reports:

Year	Ind.	Iowa	Neb.
1910	39.5	36.3	25.8
1909	40.	31.5	24.8
10 year average	34.7	32.3	27.5

This position of Indiana, ahead of all the other states in yield per acre, is due to her corn breeders and not to superior soil or climate; and Farmers Interest, Indiana's favorite variety, has contributed more than any other to this result. But it has made as good showing where grown in other states as in Indiana. We quote from letters received from various states:

INDIANA—The Farmers Interest corn is yielding 100 to 120 bushels per acre all over my field. Nothing like it ever seen in all this section before.—L. C., Indiana.

I grew 50 acres of Farmers Interest corn and the yield over the whole field was 90 to 105 bushels per acre. The 50 acres yielded 4,948 bushels. Matured early, ears mammoth.—C. A. Helm, Indiana.

Farmers Interest is turning out 95 to 100 bushels per acre. Four of my neighbors are each getting over 100 bushels per acre. This report is not exaggerated, but facts.—C. A. B., Indiana.

KENTUCKY—We thought we grew good corn, but your Farmers Interest is yielding 110 to 120 bushels per acre, beating our best native corn 25 to 30 bushels per acre.—C. W. W., Breckenridge Co.

ILLINOIS—Farmers Interest astonished us. A field of such mammoth corn ears I never saw before. I don't think there can be better. It is good for over 100 bushels per acre.—W. P. R., St. Clair Co.

KANSAS—I visited my brother in Kansas and saw his field of Farmers Interest corn. I never saw its equal all my way to Kansas and return. The ears looked like arms of giants. He wrote me it yielded 114 bushels per acre.—A. M. T., Knox Co.

TENNESSEE—Farmers Interest is the largest, heaviest and best white corn I ever saw. In a test 50 ears made a bushel and the cobs weighed 12 pounds.—J. W., Maury Co.

MISSOURI—Farmers Interest, the greatest corn I ever saw.—A. R., Miller Co.

IOWA—On 28 acres I raised 2,430 bushels of Farmers Interest corn. It's the finest white corn in this section.—C. F. Pearson, Linn Co.

MARYLAND—Farmers Interest corn has taken our section by storm. It is the greatest ever seen here.—S. B. O., Prince George Co.

Below we mention some of the important shows where this variety was awarded high honors:

Kas.	Ky.	Tenn.	Okla.	Ark.	Mo.
19.	28.6	25.9	16.1	24.	32.8
19.9	29.	22.	17.	18.	26.4
22.5	26.7	23.	24.2	18.7	28.6

WORLD'S FAIR, Chicago, 1893. Paris, 1900, Grand Gold and Silver Medals. St. Louis World's Fair, 1904; Buffalo 1906; International Corn Show, Chicago, 1907; International Corn Show, Omaha, 1908; International Corn Show, Ohama, 1909. Also other notable awards too numerous to mention.

This is the corn offered as a premium to subscribers to UP-TO-DATE FARMING, and to our friends who will get new subscribers. See offer on page 31 of this number.

A Problem for the Eaters

THE high cost of foodstuffs is a problem for the consumers. The farmers are doing their part. They are producing abundantly, and they are putting it on the market at moderate prices. If the price after it leaves the farm grows into an extortionate one the farmers are not responsible.

For one thing, however, they are blamable, and that is their dumping system of marketing. They sell their stuff at prices made by the buyers, without any thought as to whether it is needed or where it is to go. Of course it goes to the central markets where it is not needed at all. It, therefore, gluts those markets, and puts the buying prices lower and lower. At these central markets it is taken possession of by the professional dealers and handlers, who hide it away or dole it out to the consumers at such prices as to almost prohibit its use in quatities sufficient to satisfy the hunger of the consumers, especially among the poorer classes.

For instance, less than a year ago there was an unusual demand on the part of the uyers for butter, eggs, milk products and poultry. Farmers wondered what had set the city people to eating so much more of these articles than usual, and the city people wondered why the farmers had quit producing them and sending them to market. The fact is, they were going from the farms in unusual quantities, but they did not reach the retail markets except in small quantities and at very high prices. They were being hidden away in cold storage, for what purpose many have been the guesses, but nobody knows, except the general fact that it was to enable these storage people to exact high prices from the users. The effect this wholesale withdrawing of supplies from the market would have on prices can easily be seen. It is precisely the same as would be a failure in production, and that is what city consumers thought had occurred.

But production did not fail and so far as the commodities mentioned above are concerned, 1910 exceeded the preceding year, and the cold storage holdings are becoming a little burdensome. They are now beginning to come out and seek a market, many of these commodities now on sale in the cities, it is asserted, being from three to five years old.

And here is where the danger to the farmers comes in. Were all this cold storage stuff, or even a great portion of it, dumped upon the market, it would inevitably break prices, and throw the loss back on the farmers—loss on the fresh stuff to save the holdovers and stale.

But this is the problem the eaters are up against. Our proposition is to cut out this glutted market business, and secure a system that will send the stuff directly to where it is wanted, and at prices commensurate with the prices received by the farmers. This system inaugurated would cut out the tolls between the producers and consumers, and give the eaters the food fresh from the farms with steady and dependable as well as reasonable prices to both classes.

When the largest raisers of chickens in in the world start to make and sell incubators the farmer should give attention. The International Poultry Sales Co., Box 270, Brown's Mills, N. J., have perfected an incubator best suited to their needs. They will send you full particulars free. Write them.

THREE SIDES TO FARMING

THERE are three sides to farming—the producing side, the marketing side, and the social side. The schools and the press teach the producing side, and that is the side with which farmers seem most concerned. And it is no wonder for no words are rung into their ears more persistently than "You must have something to sell; and the more you produce the more you will have to sell!" But what will it bring? That is not taught. The schools have no more to do with that than the farmer has with the price. The idea of both is to trust the market for what the stuff will bring, and go on with the eternal round of having "something to sell"—at whatever price a few market manipulators can compel you to take for it.

But once in a while the schools and the press do speak of the social side of farming, and that is the side of which we wish to speak now. Farming is too much isolated. It is more so than it used to be. There are more farms now, and farm homes are closer together, but the old time habit of visiting has gone with the old time people. People of today are friendly; they are kind and ready to assist in distress; but they seldom go to each other's homes specially for an hour of sociability. The evening visit for a talk till bed time—we never hear of such a thing any more.

Farmers and their families would be happier if they spent more time with their good neighbors. No farmer knows so much as to make him unwilling to impart knowledge to others, and no farmer is so ignorant but that he may express some thought of value to the wisest. And the feeling of oneness these socials hours bring, the mutual interest they inspire, the knowledge of what is going on, even the neighborhood gossip, can not fail to increase the interest each takes in all. And the new life it gives to the home folks, the relief from lonliness, greater contentment, the restfulness, and the pleasure to the young people.

Were the social side of farming better cultivated, the problem of co-operation would be more easily worked, and the marketing side would be better understood.

SELLING ASSOCIATIONS AMONG FARMERS

THE papers are beginning to talk about selling associations among farmers, and admit that "such associations work a good to the community in that they show the producers what the markets most demand and bring a greater return for the products of the farm."

Very good. Let it be so. These associations, indefinite as they are, and feeble in the extent of territory they cover, are educatinional in their effect, if nothing more. When the blind man's eyes were first anointed he saw men as trees walking, but in a little while he saw clearly. It will be so with the farmers. Once their eyes are opened to what they have lost, and the virtual slavery in which they have been held by the board of trade and exchange system of price-making and marketing, the fluctuation of prices, and the pulling down and forcing up entirely by manipulation, without the slightest cause in the relation of supply and demand, they will not only form local selling associations, but they will demand a system of marketing that shall apply to the whole country and include every crop. They will eagerly aid in the establishment of the Equity System.

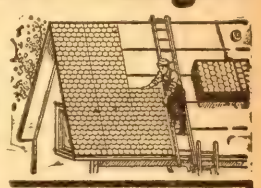
Some Practical Pointers

The mortgage lifted from his farm,
Left his heart the lighter,
And—Equity works like a charm—
Manners much politer;
He could laugh and joke because
Out of his quandry;
The neighbors vowed it truly was
Extraordinary.

Now don't forget the reason why
All this happened to him,
And I say I dreamed about it—fie!
Everydody knew him;
But join—and drive your care away—
This Association
Of Equity without delay
For Co-operation.

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They are stamped of best Bessemer Steel 5 to 12 feet long and 24 inches wide. They are made either in plain steel, painted on both sides, or heavily galvanized. They will not rust nor corrode. The interlocking feature covers the nails and provides for expansion or contraction.

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Write for New Catalog 261 which gives valuable information you should have. You can save money and have a better roof by buying Edwards Interlocking Reo Steel Shingles. Send us dimensions of your building and we will quote you cost of a Reo Steel Shingle Roof delivered at your railroad station. (36)

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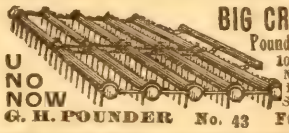
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WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$7.50@8.50
HOGS—At Chicago, per cwt...$7.00@7.50
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

WESTERN RECEIPTS OF GRAIN

Comparisons	Feb. 6	A year ago.
Wheat, bu.	**537,000**	**954,000**
Corn, bu.	**1,087,000**	**1,235,000**
Oats, bu.	**588,000**	**854,000**

ADVICE

Hold wheat, corn, oats, beans, broom corn and hay. Market gradually barley, cattle, cotton, cabbage and potatoes.

TWO weeks ago we reported a fair advance in prices of all grain. We believed then that the logical time had arrived for a gradual improvement, in



As soon as the farmer begins to sow in the spring the hand of the speculator reaches out to gather the profits.

prices and we congratulated those farmers who had refused to dump. But farmers may propose, and when their well laid plans are about to show the desired results, a higher power, a better organized power, may dispose and disarrange all their plans.

Give the average conditions that have prevailed in producing farm crops and marketing them over a number of years and predictions for the future can be made with reasonable certainty. But suddenly inject a brand new element into the proposition, as was done since our last issue in the proposed new tariff agreement with Canada and the best laid plans for marketing the remainder of the 1910 crops will be disarranged.

In an editorial in this number we announce our position on this momentous question. About the only other thing we can do now is to call the particular attention of our readers to the changes in prices, largely the result of the reciprocity agitation, and again exhort them to organize to protect their business, and, should the proposition to admit Canadian farm produce into the United States free be enacted into a law, to have it repealed as soon as possible. We have often said, farmers must not depend on other classes to protect their business. If they will not protect themselves they will continue to be mere "hewers of wood and drawers of water" for the organized people.

We call particular attention to the following:

Wheat visible decrease 2,034,000 bushels, since our report two weeks before. This is nearly 17,000,000 bushels more than a year earlier, but 3,555,000 bushels less than two years earlier. It is worth while to note here the trend of the market in 1909 and 1910, and, if no new factors were injected into the matter we might reasonably expect equally as good prices this year. We copy the folowing figures from UP-TO-DATE FARMING of the respective months:

1909—(The visible supply was 3,555,000 bushels larger than now.) The price of wheat in January, $1.07@1.11; February, $1.10@1.21; March, $1.14@1.21; April, $1.19@1.31; May, $1.26@1.37; June, $1.29@1.36. 1910—(The visible supply was about 17,000,000 bushels less than now.) The price in January, around $1.25; February, $1.22@1.26; March, $1.18@1.20; April $1.10@1.19; May, $1.05@1.11; June, $1.00@1.05.

The cash grain tables are worthy of careful study. Wheat declined heavily in all markets and is quoted 25 per cent lower than a year ago. In other words the prosperity of wheat growers has been discounted 25 per cent in a year. Corn has held its own very well, while oats suffered a decline of about 2 cents a bushel. Corn growers are suffering from a 30 per cent discount on their former prosperity and oat growers about a 33 1-3 per cent discount. The future grain quotations threaten even more dire things, as speculators are buying and selling the unsown oat crop of 1911, and the unharvested wheat crop of this year at discounts under the present prices.

The following figures tell the market story:

VISIBLE SUPPLY

The visible supplies of grain in the United States by Bradstreet's reports on January 28, 1911, with comparisons are shown in the following table: (The sign —before figures means decrease, X means increase.)

January 28, 1911	Bushels.	Change from two weeks before Bushels.
WHEAT	52,124,000	—2,034,000
CORN	14,562,000	X2,313,000
OATS	24,386,000	X 476,000
BARLEY	2,563,000	— 74,000

Change from a year before Bushels.	Change from 2 years before Bushels.	Change in same period last year Bushels.
X16,847,000	—3,555,000	X592,000
X1,262,000	X1,865,000	X339,000
X10,239,000	X8,746,000	—1,242,000
—1,498,000	—4,084,000	—309,000

COTTON—The aggregate world's supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending Jan. 27	Jan. 20	Jan. 28
1911	1911	1910
American ..4,085,196	4,110,915	3,683,608
Other kinds 1,171,000	1,126,000	1,213,000
Total 5,256,196	5,296,915	4,896,608

The total visible decreased 88,666 bales in two weeks.

Price of Cotton—Middling uplands, 14.45c; Middling gulf, 14.70c. The price is 45c a cwt. lower than two weeks before.

CLOSING PRICES OF CASH GRAIN

Cash grain closed in the leading markets on February 6, two weeks before and a year before, as follows:

Wheat, No. 2, Red

	Feb. 6	2 Wks. before	A. Yr. before
Chicago	94½@95½	99	1.23
St. Louis	.99 @1.03	1.03	1.27
Kan. Cty.	96 @98	1.03	1.26
Cincin.	...97 @1.00	1.03	1.27
New York	.97½@98	99¾	1.29

Corn No. 2 White

Chicago	47½@47¾	47	65½
St. Louis	..46 @46½	46¼	65
Kan. Cty.	..43¼@44	45½	63½
Cincin.	....43½@49	48½	65½
New York	.. 53¼	51¼	72½

Oats No. 2 White

Chicago	..32½@33	34	47¾
St. Louis	...32½@32¾	34½	46
Kan. Cty.	..32 @32½	33½	49
Cincin.	.....34¾@35¼	35	49
New York	...	39	55

FUTURE GRAIN PRICES

Chicago grain futures closed February 6, and two weeks before as follows:

WHEAT—May, 95½c; July, 93½c; Sep., 92¼c. Two weeks before, 98⅞c, 95⅝c, and 93½c, respectively.

CORN—May, 50c; July, 51c; Sep., 51¾c. Two weeks before, 49⅞c, 50⅞c and 51¾c, respectively.

OATS—May, 32¾c; July, 32⅝c; Sep., 32¼c. Two weeks before, 34⅝c, 34⅜c and 33½c.

CHICAGO PRODUCE MARKET

February 4, 1911.

NOTE—Our readers should not conclude that the Chicago market is the best in the country because we use it for our quotations. It is a great market but it serves our purpose as a basis for comparison, rather than a criterion of what produce will bring. It may be strange, but it is true, that the largest and most conspicuous markets are usually the lowest. We suppose this is because they attract shipments because of their logical position and well known great consumption. The chief purpose of the Equity System is to direct shipments to the highest market, but not necessarily the greatest. Any person having produce to sell will be told the HIGHEST market in the country by applying to THE EQUITY SYSTEM, Indianapolis, Ind.

POTATOES—Arrivals by cars, with comparisons, follow:

	This week.	Last Week.	Lastyear.
Monday	88	101	96
Tuesday	71	56	42
Wednesday	39	42	28
Thursday	37	34	57
Friday	37	49	53
Saturday	47	71	55
Total, 6 days	319	353	331

The market was steady for medium grades and firm for extra fancy. Of the latter the offerings continue light. Demand today was fair, not active. There were ample receipts and on track there is some accumulation.

Sales reported were: Wisconsins—1 car at 40c, 1 car at 43c; Michigans—1 car at 44c, 1 car extra fancy, sacked, at 47c, 2 cars do. late yesterday at 48c.

Per bu. Michigan, round, white
common to good .....$ 42@ 44
Fancy ..... 45@ 46
Extra fancy higher.
Wisconsin, common, frozen, small or large and hollow 40@....
Fair to good ..... 42@ 44
Fancy Dusty Rurals ..... 45@ 46

NEW POTATOES—The supply is light and the market continues firm.
Barrels, Bermuda, good size ..$7 25@7 50
No. 2, small ..... 6 25@....

The price of old potatoes is 1@2c lower than two weeks before; of new potatoes, 75c to $1.00 a barrel higher.

HAY—Market very quiet on account of a snow storm; buyers holding off. Offerings large.

Choice Timothy Hay	$18 00@19 00
No. 1 Timothy	17 00@17 50
No. 2 Timothy	15 00@15 50
No. 3 Timothy	13 00@14 00
Kansas and Oklahoma Prairie, choice	15 00@15 50

The price is $2.00 a ton lower on timothy hay, but the same as two weeks before on Prairie.

BROOM CORN—Demand moderate for Corn of good quality, and no call for common grade.
Illinois Corn, per ton .....$80 00@100 00
Some poor, damaged, less.
Oklahoma, per ton ..... 70 00@ 90 00
Poor, badly damaged and stemmy no regular value.
The price is the same as two weeks before.

BEANS—Dealers report rather quiet business in Pea Beans. They are easy and have ruled slightly lower lately. Offerings are good. Red Kidneys are also easy. They have been coming in more freely and are moving slow. Brown Swedish and Limas are steady, under a moderate supply.
Pea Beans—
Hand picked, choice .....$2 05@2 10
Good, not strictly hand picked2 05@2 10
Mediums nominally about same as Pea Beans.
Red Kidneys .....3 35@3 45
Soft and damaged less.
Brown Swedish ..... 2 50@2 75
Limas, California, per 100 lbs 6 25@6 35
The price is about 10c a bushel lower on Pea Beans and Red Kidney, and about 30c a bushel higher on Limas.

APPLES—A strong market exists for barrel stock. The supply is now in the hands of a few dealers. Demand is good. For boxes conditions are somewhat improved. They are moving better and stocks are being steadily reduced.

Barrels—regulation size—Baldwins, New England, No. 1 $4.00@4.50; No. 2, $3.00@3.50; Fancy, original, cold storage, $4.50@4.75.

New York, No. 1, repacked, $4.50@4.75; Fancy, original, cold storage, $5.00; No. 2, $3.50@3.75. Greenings, Fancy, cold storage, $5.50@5.75. Wine Saps, No. 1, $4.25@4.50; No. 2, $3.50@4.00. Ben Davis, No. 1, Missouri, $4.25@4.50; Eastern, No. 1, $4.75. King, No. 1, $5.00@5.25; Fancy, cooler stock, $5.50. Spies, No. 1, $6.50@7.00. York Imperial, No. 1, $4.75@5.25; Russetts, No. 1, $4.50.

Western box apples—King David, Spitzenberg, $2.00@2.50; choice, $1.50@1.75. Delicious, extra fancy, $2.00@2.50. Stayman Wine Saps, choice, $1.50@1.75. Greenings, $1.50@1.75. Arkansas Black, $1.75@2.25. Rome Beauty, $1.75@2.10. Mammoth Black Twigs, $1.50@1.75. Bellflowers, $1.25@1.50. York Imperial, $1.25@1.50. Jonathan, choice, $1.50@1.75. Grimes Golden, $1.75@2.25. Ben Davis, $1.10@1.25. Baldwins, $1.10@1.40. Gano, $1.35@1.65.

The price is about 25c a barrel higher than two weeks before.

EGGS—(Chicago, Feb. 6.)—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This week Cases	Last week Cases	Last year Cases
Monday	4,644	4,370	5,502

The market is ruling steady at the current quotations. Prices were advanced 1c.

Demand active, stimulated somewhat by the more wintry weather, and heavy snow storms, which reached all over the country. Liberal sales were made and at the same time the offerings were liberal, holders being willing sellers at the advanced prices.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned, 19@20½c, depending on quality.
Ordinary Firsts quotable at 20c.
"Firsts" quotably 22c per dozen.
"Prime Firsts" quoted at 23c.
Checks or Seconds quotably 12½@13c.
Dirties quotably 11@15c per dozen, according to quality.
Refrigerator Eggs are quotably steady. No official quotation given. April Firsts quotably about 12½@13½c.
Sales of 1,000 cases and 1 car load of Firsts in Fresh were made at 22c, and 200 cases Prime Firsts sold at 22½c.

EXPORTS OF FLOUR AND WHEAT

The exports of wheat and flour in wheat reckoning 4½ bushels wheat to a barrel of flour from all United States ports are reported by the chief of the bureau of statistics of the department of commerce and labor, monthly for three years, were as follows:

Months	1910	1909	1908
January	4,973,345	7,770,350	18,719,288
February	3,364,000	5,897,657	13,043,360
March	3,737,357	5,444,912	8,894,840
April	5,330,616	3,557,961	8,286,151
May	4,975,991	4,699,899	9,143,488
June	2,864,219	2,761,956	9,103,403
July	3,132,906	4,358,000	8,385,478
August	4,918,473	8,835,360	16,574,246
September	6,184,837	12,471,736	18,396,927
October	7,450,781	13,897,595	17,559,000
November	6,755,020	12,995,776	12,435,960
December	8,042,903	9,126,097	11,253,937

Comparing the last six months on the 1909 crop of wheat with the first six months on the 1910 crop, we find that in the former period was exported 25,239,531 bushels and in the latter period, 33,514,920 bushels.

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Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

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Shipping R. R..... Station..... State.....

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Jan. 1 191

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From 1 to 40 H. P. Also **Bone Cutters**, hand and power for the poultrymen; grit and shell mills, farm feed mills, family grist mills, scrap cake mills. Send for our catalog.

Wilson Bros., Sole Mfrs., Easton, Pa.

"The DAMNING OF JONES."

The Implement Trust says" Damn JONES and out of business with him" because he is the only man who dares to sell you a warranted-take-it-home-and-try-it-before-buying-scale of any size or kind at the dealers price. Money talks and your money is as good as any dealers' and your credit better. Send for my offer and their reason for "damning Jones."

"JONES He Pays the Freight."
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Iwan Post Hole and Well Auger

Best for fence, telephone post holes and wells. Makes hole smoothly and quickly, empties easily. Three full turns complete post hole. Special price to introduce. *Agents* wanted where dealers do not handle. Ask *dealer* for it. Be sure Iwan Bros. is on *handle* casting. Write for "Easy digging" book free.



IWAN BROTHERS, Box 31, So. Bend, Ind.

CATALPA SPECIOSA TREES

Mine are true to name. Write for Free booklet which tells all about the 150 acres I am growing for telephone poles.
H. C. ROGERS, Box 46 Mechanicsburg, Ohio.

When writing to advertisers don't fail to mention Up-to-Date Farming.

UP-TO-DATE FARMING

Production and Marketing

The Thing to Know

But let me tell you what I know;
No matter how the crops may grow,
The thing to teach the farmers well
Is where and at what price to sell.

I've scanned the world from east to west,
To learn what system pays the best;
Why some crops yield in large amount,
And how to start a bank account.

I. H. C. Prospy.

IMPROVEMENT IN CLEANING AND GRADING

AN Iowa farmer has an ingenious grain grader, which combines the screening advantages of the fanning mill, as far as the hopper, screens and revolving fan go, but in addition it carries a graceful chute, through which the grain is blown by the air blast. At convenient points on the underside of the chute spouts are provided, which automatically separate the grain into two grades, and carry it to the sacks below.

Out of the mixture of seed, dirt, sticks and chaff, this machine makes seven grades. All the coarse materials are taken out by a chaffer. Next, the largest grains or foreign seeds may be taken out by an admirable screen movement. A device carries the seed back from the coarse sieve, and the seed spreads over the fine screen like a strip of ribbon. The fine dirt and seeds are thus screened out, and the grain is then delivered to the air. This most effectively separates the remainder into four grades according to weight.

The writer saw a test of timothy seed which had been cleaned before passing it through this machine, but which had became mixed somewhat later with clover seed, wheat, oats, corn and floor sweepings. It weighed a trifle over fifty pounds to the bushel, or five pounds in excess of the legal weight.

The clover seed, wheat, oats, corn and the small amount of chaff not removed by the chaffer, went out in the coarse screenings, weighing 53.7 pounds per bushel. In the fine screenings, which went through a wire screen, there was a large amount of dirt, a very few timothy seed with hulls on, and a large amount of shelled seed, which though small, was extremely heavy. These weighed 51.2 pounds per bushel.

The first grade by gravity contained considerable chaffy clover seed. The timothy was very heavy, as the hulled seeds were large and the unhulled seeds were those with the least percentage of hull. This grade weighs 52.8 pounds per bushel. In grade No. 2 from the air blast, there was a very small amount of the smallest, lightest, and least mature clover seed, and a small percentage of large hulled timothy. The most of it was large, plump, bright timothy seed, which weighed 47.2 pounds per bushel. By the time grade No. 3 was reached, there was practically no hulled timothy or clover. In the test, the air blast was hardly strong enough, as there was considerable dirt and chaff that should have gone to No. 4. The timothy in No. 4 was the lightest in the whole lot, and would probably not be used for seed anyhow; the mixture weighing only 39.4 pounds per bushel. In a subsequent trial, with more air, this grade came out as practically pure timothy, but lower in weight than the legal standard. As it is impossible to secure this separation in the ordinary fanning mill, without repeated trials with different screens, and considerable trouble, the Iowa farmer's machine seemed worthy of a place on the market.—L. W. Ellis.

Send for the Peter Henderson Seed catalog which is one of the largest, handsomest and most complete published. Cut the coupon in the Henderson advertisement in this issue. Full of good things and valuable information—is the Henderson catalog.

STRAW AND CLOVER

ONE of our exchanges tells of a New York farmer who, several years ago, put up his clover hay quite green, but he put up with it alternate layers of bright, well preserved oats straw—a layer of clover perhaps a foot or eighteen inches thick, and then a layer of straw perhaps six inches thick. The effect claimed was that the dry straw drew the excessive moisture from the clover and enabled it to cure perfectly without mold or dust, and the straw itself, having absorbed the moisture from the clover, took upon itself the clover smell and taste, and became good feed. In feeding or baling, it is no trouble to separate the straw and the clover, as they do not become mixed.

We are sure the above process would work out just as claimed; that it would make better hay of the clover by assisting it in curing; that it would aid the harvesting by enabling the clover to be put up soon after cutting, and that it would add to the feeding value of the straw. But it is not at all surprising that the method did not go into general use. The straw would necessarily have to be saved over from the preceding harvest, and kept bright and dry, and an extra team and hands would be required to put in the layer of straw.

However, hay of the previous harvest would be as serviceable as straw, and it would also make gains from the absorption of the moisture from the clover. Where redtop is grown, threshed redtop would make an ideal layer for this purpose, and the feeding value of the redtop we imagine would be doubled.

Shoes with steel soles are made for farmers' wear, and they are guaranteed to wear easy and look good. Send for free book telling how you can save shoe money. Address Ruthstein, the Steel Shoe Man, 127 Seventh St., Racine, Wis.

DON'T WORK FOR NOTHING

We have often wondered why it is that some implement dealers persuade the farmer to purchase implements of inferior quality. There is only one logical reason for this, and that is that the dealer makes a larger profit on the inferior article. It is of vital importance to purchase a grain drill of known merit. Just think for a moment what a poor drill can do for the farmer. It will put in his crop in such poor shape as to invite failure, and thereby lessen his profits. In short he virtually works for nothing. Buy a grain drill of a well known make—a drill that will do your work right—a drill that will sow all known seeds and grasses and that will successfully handle all brands of commercial fertilizers, no matter how difficult to sow, and by all means get a drill that will enable you to reseed sod land in the right way. We have in mind the Farmer's Favorite, made by The American Seeding-Machine Co., Incorporated, Springfield, Ohio, and we advise our readers to write to them for their Farmer's Favorite catalog; also go to your local dealer and ask to see this drill. It pays to own a good grain drill. If you want a good crop the way to get it is to plant it right. When you put in your seed any old time, and in any old way, you shake hands with that enemy of all mankind—Failure.

48 Million Shortage

Government statistics show there were 48,000,000 bushels less of potatoes grown in the United States last year than in 1909. This with increasing population must necessarily make a larger demand for potatoes in 1911. No crop as a



Money Maker

equals it, and the information showing how to grow for profit will be mailed **absolutely free** to any one asking for it. Our president has devoted over fifty years to the study of potato culture and the manufacture of machinery for handling the crop in all stages.

ASPINWALL MANUFACTURING CO.
427 Sabin Street, Jackson, Michigan, U. S. A.
World's Oldest and Largest Makers of Potato Machinery.

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Build, Remodel or Repair a House at SMALL COST

We will supply you with high-grade guaranteed Building Material—the best made in America—at an enormous cash saving.

Doors, 77c and up
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5000 Building Material Bargains



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Get our prices on everything you need to build a new house or modernize an old one. Free Catalog offers 5,000 Bargains—the very latest designs in Millwork, approved by the best architects. **Quality, Satisfaction and Safe Delivery Guaranteed Anywhere.** We saved our customers a million dollars last year. We ship everywhere under an absolute guarantee of quality, safe delivery and freight paid both ways if goods are not as represented. Write for Grand Free Millwork Catalog.



Flights of Stairs Complete and ready to put together, **$23.93**

We offer a splendid variety of Stair Material in Oak and Yellow Pine. Our designs admit of many variations. Our prices save you from $60 to $125 on a complete flight of stairs. See Catalog for latest stair designs. **Estimates Free**

GORDON-VAN TINE COMPANY
Strong Door, 77c 2384 Case Street Davenport, Iowa

Yours FREE 30 Days

I'll Pay Freight Anywhere



Just let me send my Chatham Fanning Mill to your R. R. Station on a month's trial. No money, no contract and I pay the freight. Return at my expense or keep it and take a year to pay me. Just let me **prove** the money you can make with a

CHATHAM FANNING MILL and Seed Grader

Cleans and grades all kinds of seeds, grasses and grains. Don't grow weeds or thin stands. Land and taxes are too high. Double the crops, get better crops and have high-priced seed to sell. Send postal now for my factory price, liberal terms, and get **FREE BOOK No. 169.** Tells how thousands are making big, extra profits with a Chatham. Send your name by next mail. Address Manson Campbell, Pres.,

MANSON CAMPBELL CO., Detroit, Mich.
Kansas City, Mo.; St. Paul, Minn.; Seattle, Wash.

No Money Down
No Note
No Contract



17 Screens and Riddles Enough for Every Purpose

"Please mention UP-TO-DATE FARMING when writing Advertisers"

INSURE YOUR CORN CROP.

What would it mean to you to increase your corn yield 25 to 50 per cent over last year. It is very probable this can be done. 100 bushels per acre may sound impossible, but it is not.

Given good soil, good vital seed, good cultivation and a favorable season there may be one thing lacking for success. That is proper planting.

There is no denying what is not in the seed can not come out in the crop. Plant seed bred to yield heavily or large ears. Then with good, rich soil see to it that you plant at a uniform depth of about two inches.

As a rule corn is planted too deep. The fact is you do not know how deep you are planting. But you can regulate this now and may double your yield.

Prof. P. G. Holden, of the Iowa State Agricultural College, says:

"For deep planting is especially bad when the seed is weak and the spring cold and backward. When the ground is well prepared or is very mellow there is danger of putting the seed down for over five inches, when two inches would be better. Especial care should be taken in case of planting when the ground is still cold. I know of several cases one spring where the same seed was planted in two different fields, giving a good stand in one case and a very poor stand in the other. Investigation showed that the poor stands were due to deep planting. Corn is generally planted deeper than we think. The planter wheels frequently sink into the ground two or more inches, and the corn is covered another two inches. The planter tracks are then filled by harrowing and the corn is often more than four inches deep. We usually watch the planter carefully for a few rounds when we start the planter and then pay no more attention to the depth of the planting. The soil is generally mellower as we get from the head land and consequently the corn is planted deeper than we supose."

Manufacturers of corn planters have neglected to provide a guage for the depth of planting. There has been perfected and placed on the market a patent rotary shoe guage that it is claimed does the work. Cost is only $5 to $6 and the increased yield for one acre in a season will pay for it. Don't guess any longer. Use this guage and you have solved the problem—every grain at a uniform depth.

See that advertisement in this issue of Keller's Patent Rotary Shoe Guage and send for full information about it.

GRAPES ON THE FARM

GRAPES ought to be one of the prominent farm fruits. It helps to make an attractive variety for table use, and as a healthful fruit it has few equals. Some dispeptic systems take kindly to grapes that are inclined to reject all other fruits; and grapes may be prepared and preserved in so many ways as to make them help as much in varieties as so many different fruits.

Grapes of some kind may be grown successfully in all parts of the United States, it only remains to choose varieties adapted to the location. Grapes bear early from planting. Good, strong two-year-old stock should bear the second year after setting, and if properly cared for they will bear almost indefinitely. The market demand for grapes is increasing also. It would be no mistake to have a small vineyard on every farm.

VETCH AS A NITROGEN GATHERER

THE legumes are receiving more attention than they ever did before because of their ability to gather nitrogen from the air and leave it in the soil ready for the use of some other crop. Alfalfa, the clovers and field peas are well known plants of this character, but vetch, which analyzes stronger in nitrogen than any of them, is not so well known. It is well known and popular in some of the European countries, and it is sown quite extensively in many of the southern states, where it is used as a forage crop and to be turned under as a fertilizer. It does best on sandy land; in fact, it will grow on land that is too sandy to produce anything else. It might be well to try it in the sandy loam of some of the northern states. It is rich in nitrogen.

SOW CLOVER SEED

THERE is not as much clover grown in the central Mississippi valley states as their ought to be, "for the land's sake," if there be no other reason. Perhaps the difficulty of getting a stand or catch of clover is the principal reason why there is not more sown. Seed is high, and farmers do not like to take the risk.

But there is a way to seed clover which never failed with us, and a writer in one of our exchanges says it has not failed with him but once in fifteen years. It is to prepare a good seed bed for the clover, and put the seed in good soil specially prepared, and see to it that the seed is carefully covered. Good clover seed in proper quantity thus put in is as sure to germinate and make a stand as any other crop.

Clover seed is too often thrown down on ground that was prepared for, and has already been seeded to, some other crop, and no further attention is paid to the clover seed. A stand is sometimes obtained in that way, especially sown in the spring on rich bottom land that had been sown to wheat the previous fall; but such a course is a bid for failure and it is not to be wondered at that failure often comes. If the wheat ground could be harrowed in the spring just after sowing the clover seed, conditions would be good, and there would almost certainly be a set of clover; and in many cases the wheat itself would be improved by the harrowing.

But sowing clover with oats in the spring is a different matter, and a very excellent way. The oats, of course, should be sown as early as possible, and a good seed bed prepared, well harrowed and pulverized before the sowing. Then, if the oats is sowed with a drill with a seeder attachment, both oats and clover being sown at the same time, the work is done and success is almost certain. But if the oats be sown broadcast, the clover should be so sown also, and then the ground should be well harrowed to cover both oats and clover seed.

In sowing clover seed we think it is well to sow some timothy seed with it. Clover is a biennial, a plant of only two years growth, and, though it often apparently maintains itself for a longer period, it is sure to get weaker every year, while the timothy ought to get stronger, and in a few years be a timothy meadow. To sow thus, four quarts of clover seed and four quarts of timothy seed per acre is recommended, though some use only two quarts of timothy seed. If the object is to turn the clover under to enrich the ground rather than to establish a permanent meadow, do not add the timothy seed.

THE ENGLISH WALNUT

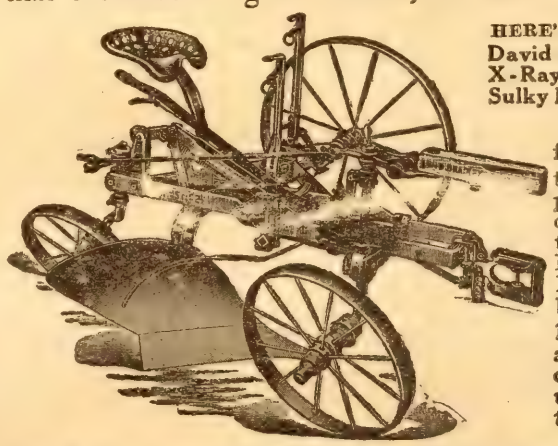
THE English walnut may be successfully grown in the United States, it is so grown in some places. A few years ago, standing by the tomb of Washington at Mt. Vernon, the writer was permitted to pluck a nut from a tree that had been planted there by the great general himself.

The English walnut endures the winters in this country as far north as the lake region at Rochester, New York, and its range of hardiness is quite extensive. It is said to be better, though, to get the nuts for planting from trees grown in this country. Nuts may be obtained from dealers, but it is difficult to know whether they are fresh or not. We have not noticed them advertised by seedsmen. It is best, at least in the northern states, to not plant until spring, as the germination of the nuts is likely to be destroyed by hard freezing in the ground. Place the nuts in a box of damp sand, and let them thus pass the winter in a cellar or some place where they will not freeze. From the moisture in the sand they will become full and plump by spring, when they may be planted in good soil out doors directly from the box.

DAVID BRADLEY

ONCE upon a time it may have been necessary to pay a *high price* for a *good name* on a farm implement, but those days are past. Our purchase of the great David Bradley plant put the price question **on a** *business basis.*

¶ *Business,* to us, is not a matter of taking all we can get and giving as little as possible—it's our idea to give *all we can,* because we know by experience in dealing with farmers that the *more* we give in *value,* the more we get in *volume.*



HERE'S AN EXAMPLE:
David Bradley X-Rays No. 2 Sulky Plow - - $29.75 Complete

Even if other manufacturers knew how to make as good a plow, they couldn't do it, because the features which make the David Bradley X-Rays No. 2 the best of all sulky plows are patented, and these patents owned exclusively by us. No one can equal the X-Rays No. 2.

Frame is heavy ¾-inch steel· can't spring in hardest ground.
Strong high wheels; 9-inch bearing Bradley patent dustproof magazine hubs. One oiling does for 40 acres.
High Foot Lift. The slightest tread of any boy old enough to drive raises plow point 7 inches from ground with team at a standstill.
Short Hitch. Team coupled up close; no side draft. Turns square corners either way, plow in or out of ground.
The best plow for stony ground. Bottom can be left to float and dodge; need not be locked in ground; suction of share holds it there. For side hill work it can't be beat, because furrow wheels can be adjusted from the seat with team in motion.
Bradley Patent Spring Clevis lightens all jars; makes it easier for plow, man and team. Your horses' shoulders never sore.
Bottoms. The celebrated David Bradley Garden City Clipper, the best by seventy-nine years' test. Any size or shape you need.
These are but a few of the many advantages of the **X-Rays No. 2** over all others.

¶ Refer to our big General Catalog for pictures, complete descriptions and prices of David Bradley Plows, Harrows, Planters, Cultivators, etc., the farm tools **backed by eighty years of knowing how;** or send today for our Book of David Bradley Farm Implements.

We can always supply promptly any repair part for any Bradley implement, no matter when or where bought.

SEARS, ROEBUCK AND CO. CHICAGO

Pull Your Stumps 30 Days



FREE— At Our Risk—

Guaranteed 3 Years
Triple-Power—All-Steel

Clear up your stumpy fields with the 3-year Guaranteed Hercules, now sold on 30 days' Free Trial. Test it on your place at our risk. Pulls stumps out, roots and all. 400% stronger than any other puller made. Triple power attachment means one-third greater pull. The only stump puller guaranteed for 3 years. **Only** one with Double Safety Ratchets. **Only** one with all bearings and working parts turned, finished and machined, reducing friction, increasing power, making it extremely light running. Hitch on to any stump and the stump is bound to come. Also pulls largest-sized green trees, hedgerows, etc. Don't risk dangerous and costly dynamite. It only shatters stump and leaves roots in ground.

Special Price Offer

We have a special price proposition to the first man we sell to in new sections. We are glad to make you a special price on the first Hercules sold in your community because that will sell many more for us and save advertising. Write us at once to get this.

HERCULES Stump Puller

Just write a postal for our special price—30 days Free Trial and all FREE BOOKS about the only All-Steel, Triple-Power Stump Puller—the Famous Hercules.

HERCULES MANUFACTURING CO., 163 17th St., Centerville, Ia.

A CART LOAD OF FUN

This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed. Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price. If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Potts and the Lightning-Rod Man," "How to Go-a-Courting Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Biff," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide," "Queerly Married." "Hannah was Aroused," "How the Tired Patient Man had His Feelings Upset," "Jone's Baby," "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. COONER & FORTUNE CO., Indianapolis **FOR 10 cts.**

Think—Mr. Farmer

THINK!

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A Free Trial In Your Home Costs You Absolutely Nothing

Think of what it means to you when you can have a Sharples Tubular Cream Separator, the "World's Best," delivered by our representative at your home town; demonstrated in your own home; left with you for free trial without its costing you one cent for freight, in fact, without any investment whatever.



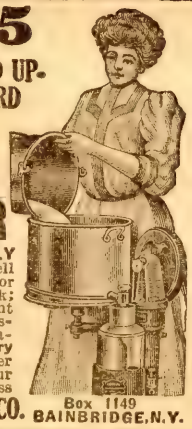
Think hard and tell yourself if there is any reason why you should send your money to a "mail order" house, or pay freight on an inferior cream separator. Write for 1911 catalogue No. 136



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SENT ON TRIAL, FULLY GUARANTEED. A new, well made, easy running separator for $15.95. Skims hot or cold milk; heavy or light cream. Different from this picture which illustrates our large capacity machines. The bowl is a sanitary marvel, easily cleaned. Whether dairy is large or small, obtain our handsome free catalog. Address

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AMERICAN SEPARATOR CO. BAINBRIDGE, N.Y.

ONCE IN A LIFE TIME

is often enough to do some things. It's often enough to buy a wagon if you buy the right kind. The



ELECTRIC HANDY WAGON

lasts that long under ordinary conditions. First, the life of a wagon depends upon the wheels. This one is equipped with our Electric Steel Wheels, with straight or stagger spokes and wide tires. Wheels any height from 24 to 60 in. It lasts because tires can't get loose, no re-setting, hubs can't crack or spokes become loose, felloes can't rot, swell or dry out. Angle steel hounds.

THOUSANDS NOW IN DAILY USE

Don't buy a wagon until you get our free book, "Wheel Sense."
ELECTRIC WHEEL CO., Box 54 Quincy, Ill.

HORSE OWNERS TRY THE CLEAN CURRY COMB

At Our Risk and save dollars in time, labor and expense. Automatic



action, durable, effective, easy on the horse, and always clean. Send address—stating number of horses owned, and we'll send Comb postpaid.



After Trial, send 60c or return comb at our expense. Valuable Horse Book sent free. Clean Comb Co., 60 Fifth St., Racine, Wis.

M. J. Langenderfer sold $1350.00 worth of thoroughbred pigs from five of our O. I. C. 1-2 ton Sows in one year.

Positively only perfect stock shipped by us. See our guarantee against Cholera. Write today for illustrated circular and price list showing some of our famous herd.



The H. S. Nelson Co., 910 Caxton Bldg., Cleveland, O.

VETERINARY COURSE AT HOME.

$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. Ontario Veterinary Correspondence School, London, Can.

UP TO DATE LIVE STOCK AND DAIRYING

THE SILO FOR DAIRYMEN

THIS is the time of year when the dairyman or dairy farmer, who owns a silo likes to talk about silage. Good silage comes as near being June pasture in January, as any feed with which the dairyman is familiar. Its succulent or juicy nature especially fit it for stimulating the milk flow, and keeping the cow in vigorous health.

Probably the most important rule in the profitable dairy is to keep the cows milk flowing as freely as possible after the flow has once been started by parturition or calf-birth. To do this demands right feeding and good care. Silage is almost necessary to right feeding. Silage is a cheap feed to put up, and valuable to use. It is grown on the farm. This fact is of importance in this day of high priced mill feeds.

Read what a few Missouri dairymen have recently said about silos and silage.

Messrs. J. R. White & Son, near Aurora, Missouri, say: "We consider silage one of the best feeds we ever used to keep up the milk flow in winter. Since we began feeding silage we have never had a cow off feed and we are feeding a cow all she will eat."

Mr. John Hosmer, Prop. of the well-known Hosmer farm near Marshfield, Missouri, had this to say: "Have a silo by all means. If intending to get into the dairy business and don't plan a silo, stay out. If dairying and are not figuring on a silo, get out. For in either case, the modern dairy methods of the fellow who has had and uses the silo will put you out."

Shepherd Brothers of Hughesville, Missouri say this: "A silo is one of the very best things a man can invest his money in if he is in the dairy business. You can get more feed for less money out of a silo than any other way we know of."

Hon. P. P. Lewis, Crescent, Missouri, recently said: "I have used silage continuously for the past six years and am thoroughly convinced that it is not only the cheapest feed a farmer can produce, but because of its succulence, is a great help in the digestion of other feeds."—H. E. McNatt, University of Missouri.

WONDERFUL GROWTH OF A NEW BUSINESS

ONLY a few years ago such a thing as condensed milk had not been heard of. Five years ago 712,000,000 pounds was all the milk the condensing factories of the United States handled during a year, but during 1910 they handled no less than one and a half billion pounds. This means a greatly increased consumption of milk, and consequently a boost for the dairy interests.

It also appears that condensary prices average from 20 to 40 cents more per 100 pounds of fresh milk than creamery and cheese factory prices. And it gives consumers a safer and better milk diet. Hence the condensary is a blessing to both producer and consumer of milk.

WASTE IN FEEDING SHEEP

FEW farm animals are fed, as it is generally done, with greater waste than even a moderate flock of sheep. Fed on the ground, or in any way they can get upon it, sheep will trample the feed under foot, and soon have the bulk of it so they themselves will not eat it, nor will any other stock on the farm.

It always pays to have a good rack for sheep to eat from—a rack from which they can nibble hay and fodder from between slats, wide enough apart for them to eat freely but not wide enough for them to crawl through. And there should be, at proper height from the ground, a tight and substantial trough from which they can eat grain.

WORKING THE BROOD MARES

AT THIS time of year the question of working the brood mares is up before farmers, and many are doubting whether it should be done or not. We believe the best results may be expected if the mare, no matter how fine her own breeding, be worked reasonably. It has always been our practice to work the brood mare very near to the time of foaling. Of course, we put her to no drudgery nor to heavy pulls, but we allowed her to fill her place in the not overworked farm team. Vigorous colts, and colts that grow naturally into work horses, are the result.

The Advance Guard

Frank H. Sweet

Just beneath the frozen ground,
Lo! the eager, crowding host!
But the dreariness around
Keeps them waiting, snug and sound,
Each in its outpost.

Waiting for some sign of spring,
Through the crust to fall;
Wind from out the south to bring
Balmy air or whirring wing
A joyous bluebird's call.
Then what eagerness is there
In the pushing, crowding band!
Myriad shoots and mosses rare,
Flowers and ferns beyond compare
Conquering the land.

If you haven't already bought one of the Luther Farm Grinders we suggest that you investigate. Here is a machine that is really twelve machines in one. No farm equipment is complete without this handy, efficient, easy to use, always-ready and often-needed machine. Write for free trial, freight prepaid, ten years' guarantee offer to Luther Grinder Mfg. Co., 194 Madison St., Milwaukee, Wis. These people are the originators of this style of machine.

The Albaugh-Dover Co., 2121 Marshall Blvd., Chicago, have just installed some new improved machinery. This increases their out-put of Butterfly Cream Separators as well as the quality, although this is hard to improve. Send for their catalog and factory prices.

How Much Do Your Fences Cost?

If you are contemplating buying a farm fence, lawn fence or poultry fence, send to the Brown Fence & Wire Co., Cleveland, Ohio, Dept. 70, for their fence book. It shows how cheap wire, light uprights or stays, and poor galvanizing have made it almost impossible to find a wire fence that will last and give good service. It shows how to choose a fence that will give you double wear. The book is free and is well worth reading. Send for it.



Stops Lameness

and Stiffness in Horses and Mules.

HERE'S PROOF.

MR. BAILY KIRBY, of Cassaday, Ky., writes:—"I used Sloan's Liniment on a mule for 'high lameness,' and cured her. I am never without a bottle of Sloan's Liniment; have bought more of it than any other remedy for pains."

SLOAN'S LINIMENT

kills a spavin, curb or splint. Price, 50c. and $1.00.

DR. EARL S. SLOAN, BOSTON, MASS.



Time Has Told

You don't need to experiment on a remedy for Spavin, Ringbone, Curb, Splint, Capped Hock, Swollen Joints, or any lameness of horse or man.

Kendall's Spavin Cure

has been the unfailing remedy for 40 years.

Silver Creek, N. Y., Apr. 8, 1909.
Dr. B. J. Kendall Co., Enosburg Falls, Vt.
I have used Kendall's Spavin Cure for the last 15 years, and it never has failed to do all that is claimed for it. Would not be without it.
C. A. Dahlman.
$1 a bottle, 6 for $5. At all drug stores. Ask for free book, "Treatise on the Horse," or write to—
DR. B. J. KENDALL CO., ENOSBURG FALLS, VT.



ABSORBINE

will reduce inflamed, swollen Joints, Bruises, Soft Bunches, Cure Boils, Fistula or any unhealthy sore quickly; pleasant to use; does not blister under bandage or remove the hair, and you can work the horse. $2 per bottle, delivered. Book 7 E free.

ABSORBINE, JR., for mankind, $1 and $2 per bottle. Reduces Varicose Veins, Varicocele, Hydrocele, Goitre, Wens, Strains, Bruises, stops Pain and Inflammation. Your druggist can supply and give reference. Will tell you more if you write. Manufactured only by

W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.

—100 Envelopes 50c—

Send 50c for 100 fine white envelopes—full size—with your name and address in corner. 100 noteheads, ruled both sides, 50c. Both $1.00, postpaid. Guaranteed best work. Sure to please or money back.

QUITY PUBLISHING CO., Indianapolis, Indiana

The 1911

United States Separator

A MARVEL OF EASY RUNNING

There have been tremendous advances in the running qualities of the United States Cream Separators.

The skimming power is there. The same that won the world's record in fifty consecutive tests extending over a period of thirty days with the milk of ten different breeds of cows. .0138 of one per cent.

With the new Interlocking skimming device, the centrifugal action on the milk is so **intensified,** the course along which the milk is forced to travel so **lengthened,** the skimming force so **increased,** that the Interlocking bowl for any given capacity is reduced nearly **one-half** and runs with about **half** the **power** required for older models.

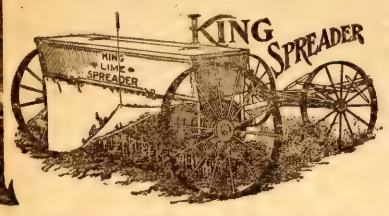
Now add to this great improvement the fact that the United States Separator is the only successful separator that distributes the incoming volume of the whole milk **evenly outside the cream zone,** thus preventing any remixing of cream and skimmilk, and you will see why it is that the Interlocking Style U. S. Separator is gradually displacing every other separator on the market.

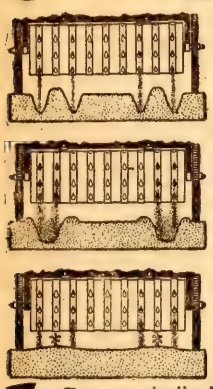
A free demonstration will be given by selling agents who are located in nearly all dairy sections of the country. Ask for catalogue 187 today and we will give you agent's name.

VERMONT FARM MACHINE CO., Bellows Falls, Vermont

King Distributors

Lime, Fertilizers, Phosphate, Nitrates.





Use One Six Months Then Pay For It.

Cheapest and Best Spreader Made. What it does.

Broadcasts Lime, Fertilizers, Phosphates, Nitrates, Ashes, Cotton Seed and Meal, in any quantity.

Distributing on both sides of the list, covering two rows at a time. This is the proper way to apply the bulk of the plant food. Distributing in the open furrows in wide streams, covering two rows at a time—better than applying it in a narrow stream.

Terms to suit all. Use it 6 months then pay. **Earn a free sample by doing us a little favor.** A sample in your hands will sell others and so we offer big introductory inducements.

KING WEEDER CO., RICHMOND, VA.

Couldn't fill 1 order in 10 received last season. Have a large stock on hand now, and can ship the day order is received.

W. M. Bistock, N. Y. "Gives entire satisfaction."

R. T. Vaughan, Va. "Am pleased with the spreader."

$4.00 AT COST $4.00

To Advertise Our Gates



To the first to order in a township where we have no agent we will furnish a wood frame, wire mesh, automatic rope actuated gate complete for $4.00 or one with steel frame for $5.00. These gates can be opened from horse back or buggy seat. Recommended by U. S. Ass't. Postmaster General on rural routes and are in use in every state in the union. Castings and directions for making either tilting or swinging gates $1.00 prepaid. Can be used on any old gate. Order now, or write for free descriptive booklet.

THORPE GATE CO., Thorpe Bldg., Wapella, Illinois

Let Us Send YOU One



of our Automatic Combination Tools for a 10-day free trial. It is made of malleable iron and steel and guaranteed for one year. It stretches wire fences, pulls posts, lifts heavy weights and loads; can be used as a wrench, press, vise, etc. Weighs 24 lbs. Lifts or pulls 3 tons. We need

Agents — Salesmen — Managers

to represent us. Double your earnings and earn $25 to $50 weekly. Sells on sight to every farmer, teamster, mill, factory and mine. Mr. Dorsey, Ind., sold 75 in 5 weeks. Mr. Cooper, Cal., ordered 200 and no experience. Mr. Williams, Ia., made $175.00 in 2 weeks. No experience necessary. We teach you free. Free sample to hustlers. Send no money—just your name and address and give name of county in which you reside.

AUTOMATIC JACK CO.,
177 Main St., Bloomfield, Ind.

NEWTON'S HEAVE COUGH, DISTEMPER AND INDIGESTION CURE

The Standard Veterinary Remedy. 21 years sale. Send for booklet.

SAFE TO USE



BEST CONDITIONER

Makes the horse sound, stay sound

DEATH TO HEAVES

The first or second $1.00 can cures Heaves. The third can is guaranteed to cure or money refunded. $1.00 per can at dealers, or express prepaid.

THE NEWTON REMEDY CO., Toledo, Ohio

REQUEST *ADVERTISERS WANT TO Know in what Paper seen. Therefore We* **TO** *their Advertisment was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

AGED SOWS THE BEST FOR BREEDING

On investigation at the Iowa experiment station to discover the influence of the age of sows upon their prolificacy and the weight and growth of the pigs they produced gave some interesting results. It was found, for example, that fifteen sows bred at eight or nine months averaged seven and two-thirds pigs per litter, while 14 sows about twenty-four months old averaged nine and six-tentns pigs per litter, and aged sows averaged ten and six-tenths per litter. Pigs from the younger sows weighed on an average 2.39 pounds per pig; from the two-year-old sows 2.63, and from the aged sows 2.61 pounds. When about six weeks old the pigs from the young sows made an average daily gain of .32 pounds, while the pigs from the two year-old sows gained .40 pounds. No data is given on the gain of the pigs from the aged sows.

Stated in another way it was found that the two-year-old sows farrowed 24 per cent more pigs than the young sows, while the old sows farrowed 30 per cent more. The weight of the pigs from the two-year-old sows was 9 per cent greater than that of the larger than from the young sows. The pigs from the two-year-old sows made a more rapid gain than those from the young sows, amounting to 26 per cent. In each instance the older sows farrowed more pigs per litter, heavier pigs at birth, and their pigs made the most rapid growth after birth.—From Coburn's "Swine in America."

POTASH AS AN ELEMENT OF FERTILITY

When the straw of small grain or hay or the stalks of corn, refuse to make proper growth and become soft and weak so that they are liable to fall down without sufficient provocation, it is evidence that the soil lacks potash. Hardwood ashes are strong in potash, and if enough of them could be had an application would be profitable on such land. Such ashes are too scarce to make them dependable for farm enrichment.

However, wherever hardwood is burned the ashes should be carefully saved, and applied to the garden, or other small areas near the house. No good thing should be allowed to go to waste.

The Wisconsin Incubator Co., Box 96, Racine, Wis., is making a special offer of a 125 egg incubator and brooder, both for $10.00, and pay the freight. Better investigate, send for catalog.

What John Knew

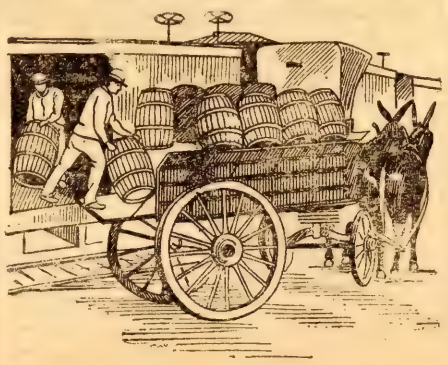
The teacher of one of the classes in a school in the suburbs of Cleveland had been training her pupils in anticipation of a visit from the school commissioner. At last he came, and the classes were called out to show their attainments. The arithmetic class was the first called, and in order to make a good impression, the teacher put the first question to Johnny Smith, the star pupil.

"Johnny, if coal is selling at $6 a ton and you pay the coal dealer $18, how many tons of coal will he bring you?"

"Three," was the prompt reply from Johnny.

The teacher, much embarrassed, said "Why, Johnny, that isn't right."

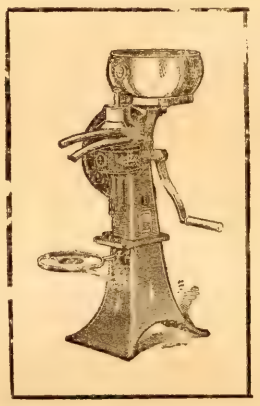
"Oh, I know it ain't, but they do it anyhow."—*Philadelphia Record.*



It is just as easy to load them in a car and ship to The Equity System as to sell to the local buyer and they bring from 25c to $1.50 a barrel more.

Genuine and Imitation CREAM SEPARATORS

The all-round superiority of the DE LAVAL Cream Separators, in farm as well as factory sizes, has now become so generally recognized that would-be competitors have, almost without exception, adopted the pretext of merely claiming that the machines they offer are "like the DE LAVAL," or "as good as the DE LAVAL," while some even go so far as to claim that their machines are made under a patent license from the DE LAVAL Company.



All of these claims and pretenses are false and a fraud upon the buyers of such machines, except to the extent that each and everyone of these would-be DE LAVAL imitators is using some ten to twenty year old patent expired and now abandoned type of DE LAVAL construction, though lacking all the essential elements of the improved DE LAVAL machines of today, or for that matter the DE LAVAL machines of the past five years, while none of them do or can use the still patent protected "split-wing" distributing shaft feature of all DE LAVAL machines since 1900.

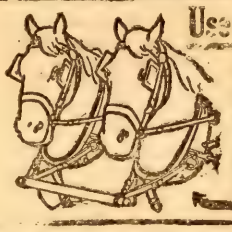
Buyers of separators are cautioned against such deceptive misrepresentations by those who may try to induce them to purchase machines claimed to be similar to the DE LAVAL, but which in no way compare in efficiency, capacity or general practicability with the DE LAVAL machines of TODAY.

DE LAVAL Cream Separators are as much in advance of all attempted competition today as at any past time, and their use is speedily becoming as universal on the farm as it has long since been in the larger sizes in creameries and milk stations the world over.

THE DE LAVAL SEPARATOR COMPANY

165-167 Broadway, NEW YORK — 42 E. Madison St., CHICAGO — Drumm & Sacramento, SAN FRANCISCO

178-177 William St., MONTREAL — 14-16 Princess St., WINNIPEG — 1010 Western Ave., SEATTLE

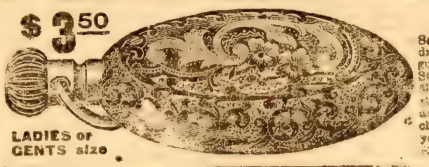


Use Indestructible Hameless Horse and Mule Collars

To prevent and cure sore shoulders. No hames, pads or straps; stronger, lighter, better. Made of metal and zinc coated. Guaranteed not to rust in any climate. **Adjustable in size to fit any animal** if spring fat or fall poor. Holds it's shape. Cheaper because everlasting. Easy to put on and take off.

Write today for our YEAR'S FREE TRIAL with freight prepaid. 100,000 now in use. Endorsed by veterinaries and team owners as the only collar fit to use on horse or mule. Used by City Fire Department and U. S. Government. Sold direct where dealer does not handle them. **Good agents wanted.** Address

JOHNSTON-SLOCUM CO., 712 State Street, CARO, MICHIGAN



LADIES or GENTS size

$3.50 $20.00 for $3.50

Send this advertisement with your name, post office and express office address and we will send you by express for examination this genuine 20 year guaranteed, rich, durable hunting extra quality 14 karat gold finished case. Standard movement, fifteen ruby jeweled works. With each watch we send Sterling Certificates which can be used in purchasing goods from our catalogue, more than the value of all the certificates ($20.00) all for $3.50. You examine the watch at your express office and if satisfactory pay express agent $3.50 and express charges and it is yours. Satisfaction guaranteed or money refunded. State whether you want a gents watch or a ladies' watch. Order today. Address

E. C. CHAMBERS & CO., 356 Dearborn St., CHICAGO.

$3.00 The Family Grist Mill

Should Be In Every Home



Wt. 30 lbs

This little mill has a well deserved reputation as the best of its class. Hand power. Can be attached to table bin or box. Grinds corn, oats, barley, coffee, etc. You can make your own corn meal and graham flour fresh every day. Just the thing for cracking grain for poultry. Capacity, 40 lbs. of coarse meal, or 25 lbs. of fine meal per hour. Made on honor and will wear a lifetime. **Price.....$3.00**

We received the Family Grist Mill, and find it as represented. Would not sell it at any price, if I could not get another. Our neighbors think it a grand mill, and you will get several orders from our town.
Mrs. A. F. Brown, Milton, Ill.

O. K. SEED STORE, Indianapolis, Indiana

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"



$25 to $75 Saved Or No Sale 30 Days' Free Road Test—2 Years' Guarantee—125 styles to choose from.

Highest Grade Made Split Hickory Vehicles

Don't you want Phelps' Big Book for 1911? It's Free—and he pays the postage. It tells all about Made-to-Order Vehicles—sold direct from factory. Best Buggy Book ever written—more Vehicles to choose from than you could find in 25 dealers' stores or in 10 Big Towns. Write for the book today.



H. C. Phelps, President, THE OHIO CARRIAGE MFG. COMPANY, Station 99, Columbus, O. Largest Factory in the World Selling Vehicles Direct

This Free Book Will Save You $20.00 a Year



I want to tell you all about my *Celebrated Steel Shoes*—why one pair will outwear six pairs of leather shoes—how a pair will give you more foot-comfort than you ever had in your life. How they will keep your feet powder-dry all the time. How light and comfortable they are the year around. I have told half a million others these facts. They have bought steel shoes of me and saved millions of dollars among them. More than that—they can be on their feet all day—at any work, without foot fatigue. And they have gained health protection.



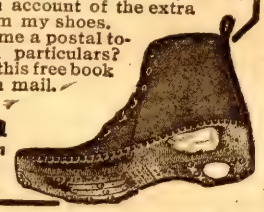
N. M. RUTHSTEIN The Steel Shoe Man.

Steel Shoes

prevent rheumatism, sciatica, lumbago, lame back and other troubles caused by wet feet. I want to show *you* the way to avoid these dangers and all such troubles as tender feet, corns, bunions, chilblains, and at the same time show you a saving of $20 a year in actual money on account of the extra wear you get from my shoes.

Will you write me a postal today and get full particulars? Let me send you this free book of mine by return mail.

Address



Ruthstein
The Steel Shoe Man
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Racine, Wis.

HORSE OWNERS IT COSTS ONE CENT to try the "CLEAN Curry Comb and save dollars in time, labor and expense. Automatic action, durable, effective, easy on the horse, and always clean. Send address—stating number of horses owned, and we'll send Comb postpaid. Send thirty-five cents after trial, or return at our expense. Valuable Horse Book free. Clean Comb Co. 60 Fifth St., Racine, Wis.





Sold on Nine Months Time!

That Shows our Faith.

The KING WEEDING-MACHINE

Its play for a boy to drive.



8,000 in Use. Pat. Harnessed

A MACHINE NOT A DRAG.

The **only** weeder for **Cotton**—the **best** for **all crops.** It is always under positive control, cutting deep or shallow, light or heavy, changing from one to the other instantly, as **directed** by the **boy** driver who **considers** it **play.** **The King,** unlike the old drag weeder that collects trash, drags out plants and is so difficult to handle, is a **weeding machine** that glides easily and smoothly, striking light or heavy as desired—the teeth may be thrown a foot high and held without a particle of strain on the driver.

AGENTS MAY SECURE SAMPLES AT NO MONEY COST.

Thos. Thompson, says: "I credit your weeder with 8 **bales of cotton** this year."

W. N. Pittman, says: "I wouldn't take $50.00 for it. I worked my entire crop with it."

L. C. Cooke, says: "Paid for itself twice in corn alone. Made me two extra bales of cotton."

Chas. Johnson, says: "My little girl ran the machine over my crop and made me 3 extra bales."

Jesse Williams, says: "I wouldn't take $50.00 for my King Weeder and do without it."

More than two thousand other proofs on file.

THE KING DISTRIBUTOR.

Puts out fertilizers—**in drills,** two rows at a time, or on both sides of **two lists,** or on both sides of two rows of the growing crop—it broadcasts any quantity of fertilizer, phosphates, nitrates, kainit, cotton seed and fine compost. **A Sample for trial** on **long time.** Pays for itself in a few days in rentals from neighbors

KING WEEDER COMPANY, Richmond, Va.

FEED FOR THE BROOD SOWS

FARMERS are very properly beginning to study feeds and the object in feeding. This is an important matter to consider in regard to brood sows—no more than in the case of other animals that are to produce young, except that mares and cows and ewes are always given a variety of feed. But if brood sows are given two or three ears of corn twice a day, even in winter when there is no other feed, it is usually thought they are well fed and well treated. But corn alone is not enough for a brood sow. An animal in that condition needs an unusual amount of protein in their feed. Protein is a flesh builder, and all pregnant animals need that. They are also making bone, and they need mineral feed for that. The other animals mentioned get these things in the hay and other roughness they get, but the sow must be content with corn, which has very little of either protein or mineral matter, It makes fat all right, but it requires something else to make lean meat or muscle and bone.

The sow will eat alfalfa or clover hay and that is good for her; but there should be a careful way of feeding these things, for her eating habits are wasteful. Oil meal is good to keep the digestive system in good condition. Wheat bran and shorts, as dough or in slops, are good to supply the protein as well as the mineral matter for bone. These feeds are mentioned, however, only as supplemental to the corn. Almost anything fed in connection with the corn is helpful, but with corn alone the best development of the pigs can not be expected. Nor the safest farrowing.

DON'T TRY TO DRENCH THE CATTLE

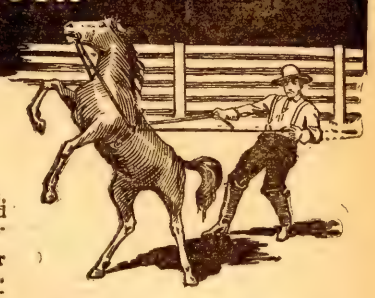
FARMERS do not realize how many cattle are being killed in an effort to cure them of some ailment by means of a drench. Drenching cattle is a very dangerous practice. A cow can not swallow with her head raised and her mouth held open, and liquid thus poured down her throat is almost sure to make its way down the windpipe into the lungs instead of down the swallow into the stomach. The drench, whatever it is, going into the lungs sometimes causes death immediately by strangulation. At other times death comes a few days later from congestion or inflammation of the lungs. Veterinarians have often proven this to be a fact by post mortem examinations. So, no matter what the ailment of cattle, do not attempt to treat them by means of the drench.

THE FARMER AND THE HOG

FEW farm animals respond more readily to skillful breeding and good treatment than the hog. Patient years have been devoted to improving breeds, but the farmer may expect most gratifying results in a single season. Of course, it is best to breed the best that is available, but the after treatment tells wonderfully. Good pastures and plenty of feed and water bring out the "points" without waiting for any other test. In confirmation we find the following in Coburn's "Swine in America:"

The hog is the most plastic of all farm animals. In his wild state he is of unflinching gameness, an intrepid fighter, fleet as a race horse, and almost as cunning as a fox. Our ancestors transformed him into a domestic animal, and adapted him to their use, by breeding, selection and feeding. The intelligent breeder can make from an animal so plastic about what he pleases, and the farmers have a right to demand that usefulness be the aim of every breeder and the reason for every purchase. All admire a good-looking hog, and there is no reason why good looks should not go with the highest usefulness, but neither good looks nor fancy breeding should stand for a moment in the way of the hog that combines vigor of constitution, growthiness, and reasonably early maturity with a form pleasing to the eye of either breeder or farmer. When we come to the final test of beauty, "pretty is as pretty does." The prettiest hog, after all, is the one that is most profitable; the one that makes the most and best pounds of gain from a hundred pounds of the most inexpensive dry matter; the one that makes the largest contribution toward providing for the family necessities, and adding to the bank account.

Attention, Horse Owners!
Send for Handsome Book Absolutely FREE



You Can Train Your Colt in 8 Hours or Break Your Horses of Any Bad Habits by Prof. Beery's Simple Methods

Prof. Jesse Beery, king of horse tamers and trainers, has retired from his marvelous career in the arena and is now teaching his wonderful system by mail to thousands of interested horse owners.

Prof. Beery is acknowledged to be the world's master horseman. His wonderful exhibition of taming fierce, man-killing horses and conquering horses of all dispositions have thrilled vast audiences all over the world. He can teach you the same simple, yet marvelous, principles which have brought him such remarkable success, so that you can take the most vicious horse and subdue him in a few minutes. He can teach you to train a green colt, break any horse of bad habits, teach a horse to drive without reins, tell the disposition of any horse at a single glance, train him to do difficult tricks and, in fact, gain complete mastery over any horse, young or old.

You can take a useless and dangerous animal and double his value in a short time by these easy, simple methods. And these horses will be cured of shying, kicking, balking, biting, fear of automobiles and all other bad traits forever.

Prof. Beery's lessons are simple, thorough and practical.

$1,200 to $3,000 a Year At Home or Traveling!

Competent Horse Trainers are in demand everywhere. People gladly pay $15 to $25 a head to have horses tamed, trained, cured of bad habits, to have colts broken to harness. A good trainer can always keep his stable full of horses.

What Prof. Beery's Students Are Doing

Breaking horses of every conceivable habit, no matter how long standing it is. Training colts to be absolutely trustworthy and useful in 8 hours. Riding with perfect ease and control. Training horses to go all the saddle gaits and do fancy steps. Training horses to do the most difficult and interesting tricks. **Telling any horse's disposition at sight**—judging a horse right the first time. There is no limit to what a horse can be taught when you know how.

We receive hundreds of letters like the following:

J. O. Brown, Cameron, Mo., R. R. 4., writes, "Last month I made $90.00 training colts, besides my regular farm work."

A. W. Bower, Tipton, Ind., writes, "You have made me a practical colt trainer, have all the work I can do and make more money than ever before."

S. M. Ryder, Mercersburg, Pa., writes, "I am making money buying 3-year-old kickers cheap, handling them a few days and selling them, perfectly broken, at a large profit."



Levi Smith, Admire, Kans., R. R. 2, writes, "I have used your methods on some very mean and vicious horses and had good success; broke a five-year-old from kicking in two hours. The owner offered to sell it for $75.00, but after I trained her he refused $175.00."

PROF. JESSE BEERY
66 Academy St. Pleasant Hill, Ohio

The Only Instruction of Its Kind in the World

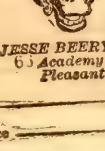
Never before in the history of the world has there been offered such a wonderful opportunity as this—a chance to learn a money-making, fascinating profession right at home, under the instruction of the acknowledged master-horseman of the world.

If you love to travel, to give exhibitions, to train your own and neighbors' horses, write at once for handsome, free prospectus, also big **FREE CIRCULAR** of the Beery Exhibition.

7,000 Satisfied Graduates

There are now more than 7,000 satisfied and successful Beery graduates in all parts of the world. They are reaping the benefits of their foresight in taking Prof. Beery's wonderful course. They comprise Farmers, Professional Horse Trainers, Horse Breeders, Riding Masters, Teamsters, etc. They are able to pick up plenty of money on the side practicing what Prof. Beery taught them. Why not become one of them?

FREE BOOK!



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Cut Out This Coupon and Mail It Today! (15)

Quick Growth of Hair

We will send you BROCHURE **FREE**



ATTAINED AT LAST—THE TRUE METHOD!



Let us prove to you that the Koskott Method of Hair Growing is the **genuine and scientific one.** We will send you our notable Brochure FREE. **We guarantee to grow hair** under cash forfeiture. Our method is directed at removing the cause, the *dermodex folliculorum*—("germs") and opening the closed follicles so that the hair roots which are not dead, but dormant, (like a tulip bulb, or grass seed in a bottle) are given fertility and a **chance to grow. Ours is the treatment that MAKES GOOD.** It is *guaranteed,* Koskott is for men's, women's & children's heads, to clear scalp of **dandruff,** stop **falling hair** and to promote **growth of new hair. LADIES,** by using Koskott you can soon throw away false hair. We especially want you to answer this adv. if you have wasted time and money in liquids, powders, washes, soaps, etc., which accomplish nothing. We want to **surprise and delight you. Write today** (a post-card will do) and we will send the valuable **BROCHURE absolutely free,** postpaid. Address: **KOSKOTT LABORATORY, 1269 Broadway,** 434D **New York, N.Y.**

WIPE YOUR FEET

Mud, snow, dust and dirt will not be tracked over your floors if you use

Grab's Foot Scraper

outside your door. The only device made which cleans bottoms and sides of shoe in one operation. Has ten parallel plates for scraping soles and two stiff bristle brushes which clean sides of shoe. Adjustable to any size. Handsomely enameled. Looks neat. Can be rotated and swept under. Fastens to doorstep or any handy place. Get one and save useless work. Price 75c. If your dealer will not supply you, don't take substitute, but send your order direct to us. Illustrated folder FREE.



VICTOR M. GRAB & CO., 843 Ashland Block, CHICAGO, ILL.

HANDY TOOL FREE



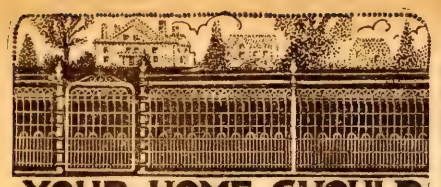
—ONE OF— THE HANDIEST LITTLE TOOLS You Ever Saw.

Used many times a day in every home. Screwdriver, tack hammer, wrench, ice pick, nail puller, box opener, wire stretcher, pipe or small rod holder to handle hot dishes and pans. You have needed this tool a hundred times.

SEND [illegible] renewal subscription to Up-to-Date Farming and we will send this Handy Tool postpaid.

Up-to-Date Farming,
Indianapolis, Ind.

CALVES, Raise Them Without Milk
Booklet Free.
J. W. BARWELL, Waukegan, Ill.



YOUR HOME SHOULD ATTRACT ATTENTION

If you want to add not only to the appearance of your property but to its value, put up an **attractive** *and* **durable**

REPUBLIC ORNAMENTAL FENCE

thus combining artistic appearance, permanence and economy.

REPUBLIC FENCES are built not only for beauty, but for utility. The fabric is made of best quality heavily galvanized cables and heavy upright pickets, corrugated only where they engage the cabled line wires. These features combine to make a rustproof fabric.

Made in attractive designs, for either wood or iron posts. Self adjusting to uneven ground and easily put up.

Write for catalog of **Republic Ornamental Fence** and **Farm Gates.** It's FREE.

Republic Fence & Gate Co.,
231 Republic St., North Chicago, Ill.

BROWN FENCE

WE PAY THE FREIGHT

Heaviest Fence Made
Heaviest Galvanizing
We make 160 styles. Horse cattle, sheep, hog, and bull proof fences made of No. 9 double galvanized wires and absolutely rust proof
Bargain Prices:
14 cents per Rod Up
Poultry and Rabbit Proof Fences, Lawn Fences and Gates. Send for Catalog and Free sample for test.
The Brown Fence & Wire Co.
Dept. 70 Cleveland, Ohio

SAMPLE FREE



DWIGGINS Wire Fences CHEAPER THAN WOOD

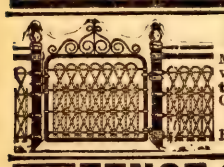
Superior Galvanizing, **Farm Fences,** Gates and Arches of all kinds. Superior workmanship. Catalogs sent free
Dwiggins Wire Fence Co., 218 Dwiggins Ave., Anderson, Ind.



ORNAMENTAL FENCE. Cheaper and more durable than wood for Lawns, Churches, Cemeteries, Public Grounds. Also Non-Rusting Farm and Poultry Fence. Catalog Free. **Special Offer. Write.**
THE WARD FENCE CO., Box 938, Decatur, Ind.

13¼ Cents a Rod

For 18-in. 14 3-4c for 22-in. Hog Fence; 15c for 26-inch; 18 3-4c for 32-inch; 25c for a 47-inch Farm Fence. 48-inch Poultry fence 28 1-2c. **Sold on 30 days trial.** 80 rod spool Ideal Barb Wire **$1.45** Catalogue free.
KITSELMAN BROS.,
Box 289 MUNCIE, IND.



LAWN FENCE

Many Styles. Sold on trial at wholesale prices. **Save 20 to 30 per cent.** Illustrated Catalogue free. Write today.
KITSELMAN BROS.
Box 384 Muncie, Indiana.

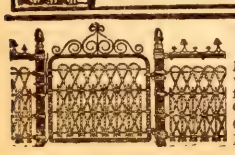
FENCE *Strongest Made*

Made of **High Carbon Double Strength** Coiled Wire. **Heavily Galvanized** to prevent rust. Have **no agents.** Sell at **factory prices on 30 days' free trial.** We pay **all freight.** 37 heights of farm and poultry fence. **Catalog Free.**
COILED SPRING FENCE CO.
Box 88 Winchester, Indiana.



ORNAMENTAL FENCE

Hundreds of patterns for Lawns, Churches, Cemeteries and public grounds. Send for pattern book with manufacturers' lowest prices
The Ward Fence Co., Box 938, Decatur, Ind.



LAWN FENCE

Many designs. Cheap as wood. 32 page Catalogue free. **Special Prices** to Churches and Cemeteries.
Coiled Spring Fence Co.
Box 418 Winchester, Ind.

BETTER DEHORN THE CALVES

THERE does not seem to be as much attention paid to dehorning calves, that is, preventing the growth of horns in calves, as there was a few years ago. Dehorning is still popular, of course, but the principal dependence now seems to be the clippers after the horns have made some growth. It is preferable to prevent the growth of the horns at the start. It is easier done, less cruel, requires less care afterwards, and is attended with less danger—no danger at all, in fact, and requires no care afterwards. Take the calf when only a few days old, trim the hair from the place where the horn button is forming just beneath the skin, dampen in water the end of a stick of caustic potash, and rub the skin over the horn button with the dampened end of the caustic. Do this thoroughly, seeing to it that the potash dissolves sufficiently to blister the skin or even make it raw. After this treatment no horn will grow. Wrap the end of the potash that you handle so that it will not touch the fingers, or, of course, it will burn them. Be careful not to use water enough for any of the solution to run down the calf's face, for it will burn wherever it touches.

HOGS NEED DRY BEDS

IN COLD and stormy weather hogs need dry and comfortable quarters. Few animals suffer worse in a wet, cold bed. If many are together they crowd upon one another, and those in the center or bottom of the pile would rather "stand the pressure," than take the risk of getting on the outside. The result is a heated, smoking mass, almost cooking everywhere but the outside. What condition could be more unhealthful, or more conducive to disease?

Then at feeding time they must leave their "hot bath," and go out in the cold. Hogs actually take cold, and what else could be expected under such conditions? And the colds are often followed by pneumonia, and the hogs die of—hog cholera. Not a bit of it; it is unfavorable sleeping conditions.

And if there are pigs they are almost sure to be crushed in the struggle for the warm places. But if the pigs and their mother are alone they still suffer in a wet and unsheltered bed, and they go out in the crisp atmosphere of a cold morning in a condition entirely unprepared for it. In a sheltered bed made of dry straw or litter, frequently renewed, conditions are altogether different, and the animals can stand the cold without danger or even inconvenience, and they can grow and thus better serve the owner.

SHOULD CALVES BE FED

OF course, in asking this question it is intended to apply to raising calves on the farms where the old practice of allowing the calf to suck the cow before milking and take its chances for grass in the calf lot during the remainder of the day. This method is still practiced to a greater extent than modern dairymen think, and under such circumstances we believe the calf should be fed. It can be taught to eat very early, by placing before it just after it has been to the cow, a handful of shelled corn in a suitable box or vessel. Feed a very little at first, increasing slightly every day or two until a feed of sufficient quantity is reached. After the eating habit is established, we prefer a mixed feed. Shelled corn and oats, or shelled corn and wheat bran, or shelled corn and finely cut clover hay—any such mixtures are good; and the calf will grow and develop far beyond what one not so fed can do.

Probably no man in the country knows more about artificial hatching than M. M. Johnson, Clay Center, Neb. His Old Trusty incubators are used by thousands of farmers. He will make 100,000 this year. Send for catalog and 30, 60 and 90 day trial offer. Mention Up-to-Date when you write.



The "Loose Shoe" Trick In Horse Selling

is a mighty plausible way to account for lameness and a bad gait. It is just one of the scores of tricks that the "gyp" or dishonest horse-trader has up his sleeve to deceive the unwary buyer. There is one way to fool these tricksters and to beat them at their own game. That is to know the tools they work with—the dodges they use—and how to detect them.

We Will Tell You These

Horse Secrets

We offer you a book that fully arms you with this knowledge that will save money to any man who buys, trades or sells horses. Completely revised, the latest (6th) edition contains a long list of new and valuable materials, startling exposures, and novel ideas in horse training. This new book—just off the press, written and compiled by Dr. A. S. Alexander, eminent veterinarian, turns broad daylight on the trickster's secret methods.

It tells you how the dishonest dealer "fixes" a horse to conceal the heaves, lameness, spavin, broken wind, weak eyes, deafness, poll evil, scars and bad habits.

Gives the secrets of "shutting a 'heaver'" and of "plugging a 'roarer,'" and how to detect them.

Secret of "bishoping"—doctoring a horse's teeth to make him appear young the secret of artificial plumpness and how to detect it. Turpentine and gasoline tricks—cocaine doping for lameness; and scores of others.

Besides these secrets, the book contains a wealth of vital material about how to raise a horse from a foal, by the best methods of feeding and conditioning.

Gives Dr. W. J. Kennedy's secret of fattening young draft horses for market in quick time at small cost. Dr. W. H. Dalryples's secret of molasses feeding for horses. Secret of silage feeding, secrets of the auction ring. Secret of curing various vices—balking, halter-pulling, stall-kicking, tail-switching, cribbing, etc. A complete list of market terms and horse slang with meanings. And a list of authorized stud books endorsed by the Government. Note our

Special Offer

We will send copy of "Horse Secrets" and Farm Journal for nearly two years for

Only 50 Cents

Write today and use this coupon:

Farm Journal, 133 Clifton St. Philadelphia, Pa.

FARM JOURNAL

is a paper for the farmer and stockman who wants to keep **down to now.**

It is the Standard Publication for the Farm and Home—34 years **young.**

It is practical, progressive and to-the-point.

It covers, in a hard-headed, sensible way, the newest ideas and most helpful facts of interest to the horse-owner, cattleman, farmer, fruit grower, gardener, villager, suburbanite, the woman folks and boys and girls.

Has the largest circulation of any agricultural paper more than 800,000 copies monthly—because it serves its readers best.

Accept the remarkable offer in the next column and send your subscription today.

Farm Journal, 133 Clifton St. Philadelphia, Pa.

Gentlemen:—Enclosed find 50 cents. Please send me your book, "Horse Secrets," and Farm Journal the rest of 1911 and all of 1912.

Name.....

Postoffice.....

R. F. D.....State.....



EMPIRE FENCE

Get the genuine EMPIRE big wire fence, direct, at wholesale. Save dealer's profits.

Big Factory, Big Sales, 23 Styles

No traveling salesmen, small expense, prices low. Everything guaranteed. Free samples by mail. Prices of leading styles freight prepaid to all points north of the Ohio and east of the Mississippi River:—

Wires	Inches high	Medium Weight	Extra heavy (all No. 9)
9	39	23c per rod	37c per rod
10	47	26c per rod	41c per rod
12	55	32c per rod	49c per rod

Special rates beyond this territory.
BOND STEEL POST CO., 31 E. Maumee St., Adrian, Mich.

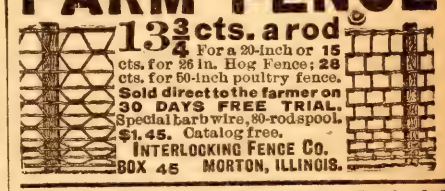


Solid, reinforced frames. Square corners. Self-locking Latch.
CARTER STEEL GATES
Woven Wire Fence Machines, Coiled Wire at Wholesale.
Write to-day for booklet.
CARTER Wire Fence Machine Co., Box 196, Mt. Sterling, Ohio

Wanted—A man or woman to act as our information reporter. All or spare time No xperience necessary. $50 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION, 629 Association Building, Indianapolis, Indiana

FARM FENCE

13¾ cts. a rod



For a 20-inch or 15 cts. for 26 in. Hog Fence; 28 cts. for 50-inch poultry fence. **Sold direct to the farmer on 30 DAYS FREE TRIAL.** Special barb wire, 80-rod spool, **$1.45.** Catalog free.
INTERLOCKING FENCE CO.
BOX 45 MORTON, ILLINOIS.

Tell them you saw the "ad." in Up-to-Date Farming

When writing to advertisers don't fail to mention Up-to-Date Farming.

Amazing, Special Introductory Offer

I Want to Distribute a Million Easter Post Cards Before Easter, April 16

HERE IS A WONDERFUL OFFER that is open to one person in each family where this number of UP-TO-DATE FARMING goes.

I have figured it out that if 4,000 boys and girls, or grown ups too, will each let me send them twenty of my new, 1911 EASTER POST CARDS, and they show them to some of their friends, which they will be proud to do, that it will at once make such a demand for my paper and cards that I will soon have all the subscribers I want for 1911, and my edition of one million (1,000,000) EASTER POST CARDS can be distributed to pleased subscribers.

To the first 4,000 who will send the coupon below I will send UP-TO-DATE FARMING three months on trial, twenty of my new 1911, EASTER POST CARDS and my NEW offers how to get all the beautiful post cards; or choice flower seeds; or vegetable seeds; or bulbs of beautiful flowers, FREE.

The only condition I make is that you send ten cents for the trial subscription and as a guarantee that not more than one person in your family will accept this offer. I make no charge for the TWENTY post cards; they are absolutely free for you to show to your friends, and for you to keep or use as you wish.

My new Easter Cards are the most beautiful ones you may hope to see. They have made a great "hit" with those who have inspected them. There are seventy-two cards, all different. They cover a very wide range of subjects. The accompanying illustration gives a faint idea of the style and subjects, but it can not convey even a suggestion of the richness and beauty of

50 Lovely Easter Cards

You can get them Free if you're one of the 4,000



Get All Your Post Cards, Flower Seeds Garden Seeds and Summer Flowering Bulbs From Me FREE!

the real cards. They are printed on fine, heavy cardboard, with twelve printings, decorated with gold and silver and are heavily embossed.

The artist had each member of the family in mind when he decided on his subjects, but the central idea was to especially please the children, hence the large proportion of rabbit, chick, Easter egg and sweet children cards. But the older folks were not forgotten and there are cards with crosses, crowns, easter lilies, etc., to call to mind the things that the day commemorates, and on each is an appropriate Easter Greeting.

Will not these cards help to inspire the proper Easter spirit wherever they go? Don't you think these cards in your home, or sent to your friends will make Easter fuller of love and Easter Joy? My beautiful cards supply the means to greet all your friends, and they cost you nothing. No other present will be expected. The custom of giving cards is growing wonderfully and it should be encouraged.

I have studied to make this offer attractive and such as would appeal strongly to nearly all readers because I want to hear from 4,000 at once. The bargain in this is for the one who accepts it, and not for me. I could not afford to make this offer if it were not for the subscribers that will result in the future. I want thousands of new families to get acquainted with my paper—UP-TO-DATE FARMING—and see my new Easter post cards. Therefore, I adopt this plan as one of the ways to accomplish my purpose.

I hope you will fill out the coupon right away, then you will receive the full set of twenty Easter Cards at once. REMEMBER, twenty; not ten, or twelve, or fifteen. All different. When you get them you will be in doubt, whether to use them for correspondence or keep them in a collection to entertain your friends.

This is the Coupon to Send

Mr. J. A. EVERITT, Editor,
Indianapolis, Ind.

I enclose 10 cents for a three months' trial subscription to UP-TO-DATE FARMING. Please send me the **20 EASTER POST CARDS** as promised. I agree to show them to my friends in accordance with your **AMAZING SPECIAL INTRODUCTORY OFFER.** No other member of my family will embrace this offer.

My Name .....

My P. O. .....

R. R. .....State .....

The New Trial Subscriber's Name .....

His P. O. .....

R. R. .....State .....

THE ALL YEAR 'ROUND AUTOMOBILE

The time was only a couple years ago when the automobile was considered as being for good weather use only. But now it is used all the year 'round by farmers.

When the day is bad, wet and cold—that is the kind of day you want to stay in the weather as little as possible. An auto is more serviceable then than in summer. It goes quick and it doesn't care for mud and rain.

The fact of an automobile's continuous use is shown in the way farmers are buying cars. Nearly as many are purchased in winter as in warmer weather. The auto is no longer a seasonable article.

Those who buy cars now get the new models and have them to use every day for business. And when the warm days come they are ready to enjoy a day's spin along the roads to friends in city and country.

A FARMER'S AUTOMOBILE

The automobile produced for smooth city streets and boulevards is not, necessarily a car adapted to the rough usage of our farms. A city man can get all his pleasure in the city or the selected roads of the country. But you want to go wherever the roads go whatever kind they are—bad, good and indifferent.

The Maxwell-Briscoe Motor Co., Hess street, Tarrytown, N. Y., make an automobile especially for farmers. Mr. J. D. Maxwell is perhaps the most expert designer and builder of autos in the country. And his cars have always had the reputation of standing up and giving satisfaction. Ask any Maxwell owner.

And yet a car to exactly fill the farmers needs has been built so stylishly that none need be behind the times in looks as well as in utility. See the advertisement in this number of Up-to-Date Farming. We suggest that that you write direct to the factory and get information about all the cars they make. Besides they will send some very valuable books that every motorist should have.

1911 will see more automobiles used by farmers than ever before. No doubt 1912 will see more yet. It is a pretty good indication that the automobile "fills a long felt want" for farmers.

There are so many ways to figure a direct profit from a machine for farmers' use. Quickly going to town and return is only one thing a car is good for. It doesn't take a genius to rig the machine up for many kinds of work about the farm and shop.

But besides all of this direct use, there is the far greater benefit of a healthful recreation in an auto drive for the family. Where ten miles used to be a hard, long drive, fifty miles is not now considered a hardship for the "gasoline buggy." See your friends more.

CARE OF AUTO TIRES

Automobile tires, sometimes mentioned as the motorists chief expense, are considered neither troublesome or expensive by motorists who give them a little thought and attention.

In the first place care should be exercised in selecting. Get good tires and that is half of it.

Tires should be plenty large. A good rule to follow is one-half inch larger than the factory recommends. Old timers say when they get tires one-half inch larger than specified their troubles end. One-half inch in the diameter of a tire adds a good many cubic inches of air. A car rides easier. It relieves the springs and all delicate parts. Engine works better and not least the passengers will find a rough road "smooth as velvet."

When tires have been cut by a sharp stone cement it with special rubber cement. Don't allow the dirt to get in and work the hole larger and larger. "A stitch in time saves nine" is just as true applied to auto tires as to Willie's pants.

Automobile tires will not wear forever. And with rough usage and no care given to them it is a wonder they last a week for some folks. When you go over the car to oil it, look at your tires and fix up the little cuts. It pays in time, money and the pleasure of "getting there and back."

Readers of Up-to-Date Farming are offered a free pail of the famous Wilbur's Stock Food. It is a regular $3.50 pail and every farmer should send for it. Write the Wilbur Stock Food Co., 249 Huron St., Milwaukee, Wis. Tell them how much live stock and poultry you own. Be sure to send for this large free pail.

Steel shingles are fine for your new home or barn. Grauanteed against lightning. Can't burn. Wear a lifetime, easy to lay. Send to the Edwards Mfg. Co., 111-161 Lock St., Cincinnati, for full particulars.

Cut Your Tire Bills In Two

These two Goodyear features jumped our tire sales last year to $8,500,000. They trebled our sales in one year. This year they will save millions of dollars to owners of motor cars.

Tires 10% Oversize

Goodyear tires are made 10% larger than the rated size. That means 10% more tire at no extra cost. It means 10% more carrying capacity. That extra size, with the average car, adds 25% to the tire mileage.

The reason is this:

Motor car makers, in these days of close prices, can hardly afford to give generous tires. The tire size is sufficient for the car as they sell it, but not for the extras you add. A top, glass front, gas tank, gas lamps, an extra tire, etc., add a great deal to the weight of a car. So does an extra passenger. So do extra heavy people.

Nine times in ten the expected weight is exceeded. A few hundred pounds of extra weight cuts down the tire mileage half. That is what causes blow-outs when tires are nearly new.

So we add 10% to the size of the tire without any extra cost. That takes care of much added weight. That extra size will save the average motorist at least 25% of his tire cost.

Rim-Cutting Impossible

Goodyear No-Rim-Cut tires get rid of this trouble entirely.

To run an ordinary tire flat—even a few hundred feet—may wreck it beyond repair. But No-Rim-Cut tires have been run deflated, in a hundred tests, as far as 20 miles. Among the half million No-Rim-Cut tires we have sold there has never been one instance of rim-cutting.

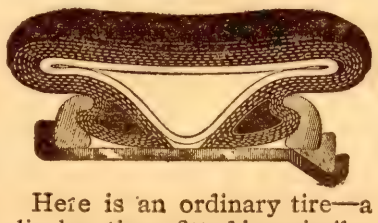
Note how to avoid it.



The 63 Braided Wires

Here is a Goodyear No-Rim-Cut tire fitted in a standard rim. This is the rim now used almost universally for quick-detachable tires. But Goodyear tires fit other rims just as well.

Note that the rim flanges—which are removable—are placed to hook outward with No-Rim-Cut tires. The tire comes against the rounded edge, making rim-cutting impossible under any condition.



Here is an ordinary tire—a clincher tire—fitted in a similar rim. The rim flanges here must be placed to hook inward—to grasp hold of the hook in the tire base. That is what holds the tire on.

When the tire is deflated, as in the picture, it comes against the sharp edge of the flange. That is what causes rim-cutting. A punctured tire is often wrecked in a moment.

Hookless Tires

Goodyear No-Rim-Cut tires have no hooks on the base. They don't need to be hooked to the rim. The reason lies in 126 braided wires vulcanized into the tire base. That makes the base unstretchable. Nothing can force the tire off the rim until you remove the flange. It is so secure that tire bolts are not needed.

When the tire is inflated these braided wires contract. The tire is then held to the rim by a pressure of 134 pounds to the inch. That is why hooks are unnecessary. That is why you can turn the rim flange so it can't cut the tire.

We control these braided wires, and there is no other practical way to accomplish the purpose. There is no other way to make a hookless tire safe.

Last year Goodyear No-Rim-Cut tires cost 20% more than other standard tires. Yet our tire sales trebled. This year, because of multiplied production, they cost no extra price.

You can get these oversize tires, these No-Rim-Cut tires, by simply insisting on them. And that means a saving of half on one's tire bills under the usual conditions.

Our new Tire Book tells a myriad facts which motor car owners should know. It is full of money-saving facts. Send us your address—now before you forget it—and let us mail it to you.

GOODYEAR
No-Rim-Cut Tires

THE GOODYEAR TIRE & RUBBER COMPANY, 35th Street, Akron, Ohio

Branches in All the Principal Cities *We Make All Sorts of Rubber Tires*

(190)

Not Tragic

"Did you hear what happened at my uncle's a while ago?"

"No; what was it?"

"My uncle took down an old pistol that had not been handled for years, and playfully snapped it at my aunt, thinking it was not loaded."

"Good heavens! Will folks never quit doing such things?"

"Well, it wasn't loaded."

It Was His Stock in Trade

"I think it very natural that Higgins proposed to you, Miss Elderly."

"Well, I do too; but what is your reason?"

"Why, he's a dealer in antiques, you know."

It Depends

"Do you think a man should take his wife into his confidence regarding his business affairs?" asked the man who had just been married.

"If he isn't making any money, yes," replied the experienced one, cautiously.—*Philadelphia Record.*

Equity is Best

Tune: "Uncle Sam's Farm."

Of all the modern ideas,
In the North, South, East or West,
The justice bringing idea
Of Equity is best.
It can harm no human calling,
And can boast none o'er the rest,
But brings equal chance to all of them,
And therefore it's the best.

Chorus:

Then come along! Come along! Make no delay;
Come from every dwelling, come from every way;
Let Equity be in your hearts, and on your banners gay,
Then right and justice will prevail and dwell with us alway.

Away with special privilege,
Away with greed and gain,
Away with cunning schemes of men
That equal rights restrain.
When Toil goes forth amid the field,
Its fruit mankind to bless,
Let Toil say what those fruits are worth,
Let Toil its own possess.

100 EGG Hatching Wonder



You can be almost sure of a 95% hatch or better. We know for we have thousands of testimonial letters to bear out this statement. This incubator has triple walls, copper tank, nursery, chick drawer, egg tray, lamp, burner, thermometer, chimney, funnel, etc. We furnish it complete delivered to your railroad station at a very low price. This is one of our most popular machines and it is better than any other machine on the market, size and hatching results considered, no matter what price is paid.

Better write us today for our free catalogue. Our prices are low.

GEO. ERTEL CO.
139 Kentucky Street, Quincy, Illinois

125 EGG Mankato Incubator $7.25



The high-grade hatcher now down to bedrock price. Well built of best material. Has double walls, heavy copper hot-water tank and boiler, self-regulator, nursery, high legs, safety lamp, egg tester, thermometer, etc. None better at any price. Sold direct from factory under binding guarantee and long-term trial. The result of 16 years' experience with incubators and raising poultry.
Brooders for 120 Chicks, $2.25; for 240, $3.50 and up.
Write at once for big free catalogue and poultry book.
MANKATO INCUBATOR CO., BOX 651, MANKATO, MINN.



BUCKEYE $6 50 EGG INCUBATOR

Simple, self-regulating, complete. Guaranteed to hatch every hatchable egg. Sold on 40 days trial with money back in case of failure. 150,000 in use. If your dealer doesn't keep them write to us. We'll send you our catalogue and two books, "Making Money the Buckeye Way" and "51 Chicks from 50 Eggs," Free.
THE BUCKEYE INCUBATOR CO., 512 W. Euclid Avenue, Springfield, Ohio.

Builders of Buckeye Portable Poultry Houses Sold Cheaper Than You Can Build Them.

SHOEMAKER'S BOOK on POULTRY



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F. FOY - BOX 45 - DES MOINES, IOWA.

White Plymouth Rocks
CORRECT TYPE
Indian Runner Ducks
Booking orders now for Duck Eggs to be delivered next spring. Send in your orders.
J. B. HOWE, Judge, Box M, Fortville, Indiana



PFILE'S 65 VARIETIES
LAND AND WATER FOWLS. Farm-raised Stock, with EGGS in season. Send 2 cents for my valuable illustrated descriptive POULTRY BOOK for 1911. Write today.
HENRY PFILE, Box 615, Freeport, Ill.

BEES HOW TO MAKE THEM PAY. The pleasures, the work and the profits of bee keeping are fully covered in "Gleanings in Bee Culture." 6 months trial subscription 25 cents. Write for book on Bees and free catalog—both free.
THE A. I. ROOT COMPANY, Box 96, Medina, Ohio

We Pay $36 A WEEK and expenses to men with rigs to introduce poultry compound. Year's contract. Imperial Mfg. Co. Dep 57, Parsons, Kan.



POULTRY'S DEVELOPMENT AS A BUSINESS

POULTRY is now one of the most important departments of general farming, saying nothing of its magnitude as a specialty where it is made such. To attain this position its development has been almost phenominal.

Of course, poultry keeping is not a new industry. It is as old as it is widely distributed. But until comparatively late years it was merely an incident of life on the farm, and little notice was taken of it. There were no poultry shows, no exhibits at the fairs, and no poultry statistics were compiled anywhere.

The first time poultry was mentioned by the national department of agriculture was in 1888, when Hon. Jerry Rusk, Secretary, said in his report: "The time has come when the importance of the poultry interests should be recognized by this department." Two years later, in his report for 1890, Secretary Rusk said: "The poultry products of this country represent in the aggregate a vast sum, and the industry is one which exists or should exist on every farm in this country, and which, consequently, interests a larger number of the constituents of this department than any other single industry."

As people now say, that is certainly going some. We can not say that the great growth typified in those two declarations of the Secretary of Agriculture, was made in the two years intervening between them, but its importance was just then becoming known in official life. From figures before us we note that six years after Oklahoma was opened to settlement, her poultry and egg product by the census of 1910 equaled $2,963,000; and the poultry product of Kansas grew from $3,431,000 in 1895 to more than $10,000,000 in 1910. Last year Missouri reported sales of poultry and eggs to exceed $46,000,000. Statistics show that the sales of poultry in the United States in 1909, amounted to more than $700,000,000, which exceeds the value of any field crop in the country except corn.

And this tremendous industry, or at least an official knowledge of it, is the work of only a few years. And it is not done growing. There is room for more and more with continued profits. Cold storage manipulations may create a ripple once in a while, as now seems to be on, but there will still be a demand for poultry and eggs at fair prices.

POULTRY AND ORCHARD

WHOEVER has an orchard has a poultry run. Never shut the hens out of the orchard. We have often written on this subject, but we never expect to exhaust it; there is always something else to say in favor of hens in the orchard.

The orchard is the greatest breeding place for insects on the farm. Some of these insects are injurious to the trees, and some are injurious to the fruits, but all of them are good for chicken feed. Do not understand us that the fowls can clear the orchards of insects, for there are many that they can not get at, but they will get many of those that are obtainable. The orchard that is a well populated poultry run will have much fewer insects than one from which the fowls are excluded.

The orchard, too, is always a shaded place in summer, and it is a place where there is almost always tender grass during the growing season. If pastured with sheep, also, to keep down the weeds and strong growths, it will be greatly improved as a hen pasture. Sheep may gnaw small trees, but we have never had any trouble of this kind where the trees were even medium large.

If the trees are mulched with barnyard manure, and they ought to be, then is when the hens get in this work. They will scratch and work up the mulch and spread it better than a spreader could do, even if the spreader could be worked among the trees. The orchard is an ideal place for the poultry if the weeds are not allowed to grow up in it; and they should not be.

VARIETY IN POULTRY FEED

GOOD results with poultry can not be expected without variety in the feed of the fowls. This need not have so much thought in summer, for fowls that run at large or have even a large run, will find the variety for themselves. Besides in summer there is always greater variety in the feed given them.

It is in winter when the cry for variety comes. Farmers who have a silo may solve this problem fairly well by giving the fowls the finer grades of silage to pick over—it is almost equal to running in the garden in summer. But only a few have that. A leading poultry man thus discusses variety of feeds:

"There are three classes of articles of which the natural and indispensable diet of fowls consists—grain or seeds, green plants and insects. Corn and wheat screenings—corn especially—should be the main reliance to fill the first division; boiled potatoes and raw cabbage in winter, and newly mown grass, clover or alfalfa in summer, are the most suitable greens, and scraps and butcher's waste, procured fresh, are the most economical animal food. While depending mostly upon the above, because they are the best and cheapest, a great many other things must be given occasionally for the sake of variety, such as oats, buckwheat, rye, barley, wheat and clover hay in winter; various vegetables, such as carrots, beets and yellow turnips, boiled and thickened with corn meal or wheat bran and raw onions chopped fine."

FARMING'S ADVANTAGES

Country life is getting more attractive every day. Farmers, most of them, do not realize how fascinating, how beautiful, convenient, profitable and certain this occupation is.

Take the business man in town. Say he is manufacturing a useful little article used by many. He builds up a good business by hard work, close buying and wise planning after a few years. But often, very often, some rival will make a similar article, improve it a little and maybe our first man is out of business. He won't realize the difference at first but goes ahead trying to sell, adding to the expense and winds up away in debt.

The man working for another has his own trouble as well as his employer's to worry about.

But rural delivery, telephones, improved machines, trolley cars, gas engines, phonographs, automobiles and least of all the selling helps Up-to-Date Farming gives are making farming the preferred profession.

Not the least of these advantages is the automobile which brings one close to town and city. The young men will do well to stay right on the farm. The chances for success in life are much greater right on the farm than in any city. Be up-to-date as you can, invest in new improved machines, invest in an automobile, too, nearly every farmer needs a car in his business.

On the largest poultry and egg farm in the country ought to be developed all the hatching methods that are worth while. The International Poultry Sales Co., Box 270, Brown's Mills-in-the-Pines, N. J., have developed a perfect system, they say, of hatching and raising chickens. They have had experience and should know how to do it. We suggest that readers send for catalog.

Investigate a farm tractor. This is one of the latest ways for up-to-date farmers to improve their equipment and make more money. Send for full information to Huber Mfg. Co., 648 Center St., Marion, O.



"Hatching Facts" Free

Your address on a postal brings latest edition of "Hatching Facts"—best Booklet published on Incubators and Brooders—tells how to start right at least expense. Belle City won World's Championship last season. "Hatching Facts" tells all. Write today—or if in a hurry order direct from this ad below. Anyway read remarkable offer: J. V. Rohan, Pres. Belle City Incubator Co.

$7.55 Buys the Best 140-Egg Incubator



Ever Made
$4.85 Buys the Best Brooder

Both Incubator and Brooder, ordered together cost but $11.50—Freight Prepaid (E. of Rockies). The Belle City Incubator has double walls and dead air space all over, copper tank, hot-water heat, self-regulator, thermometer, egg tester, safety lamp, nursery, high legs, double door. The Belle City Brooder is the only double-walled brooder made, hot-water heat, platform, metal lamp. No machines at any price are better.



Satisfaction Guaranteed
Write for our book today, or send the price now and save waiting.
J. V. Rohan, President.
140-Chick Brooder
Belle City Incubator Co., Box 79 Racine, Wis.

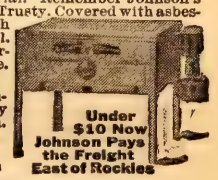


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My big 1911 book has hundreds of photos. Every page a poultry sermon. Write postal to
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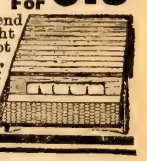
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125 Egg Incubator and Brooder Both For $10

If ordered together we send both for **$10.** Freight paid east of Rockies. Hot water, copper tanks, double walls, double glass doors. **Free** catalog describes them. Send for it today.

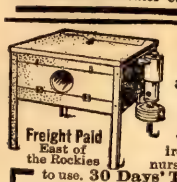


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The incubator is California Redwood, covered with asbestos and galvanized iron; has triple walls, copper tank; nursery; egg tester, thermometer, ready to use. **30 Days' Trial** — money back if not O. K. Write for **Free** Catalog today.



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ONE DROP

down the throat of a gapey or roupy chicken destroys the germs and saves the fowl's life. A few drops in the drinking water cures and prevents disease, and puts fowls in prime condition for early egg laying.

One 50c Bottle of

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Makes 12 Gallons of Medicine

Every poultry raiser should keep a bottle of this medicine on hand. Write for Free Booklet on "Diseases of Fowls."

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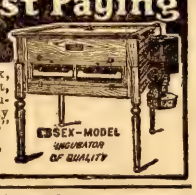
$7.00 Per Hen Per Year Can be Your Record Too.

The fourth edition of "Profits in Poultry-Keeping Solved," gives the complete poultry system and secrets of Edgar Briggs, the most successful poultry expert in America. It tells how to plan, build, and operate a poultry plant and market the products; how to get the most eggs, run incubators, make the best feed at 10 to 15 cents per bushel; raise 95 per cent of chicks hatched; prevent diseases; how to make the most money and greatest success from poultry. Send postal for Free Booklet containinhg some of Mr. Briggs' valuable secrets, or send $1.00 and get the book itself, together with a year's subscription to Poultry Success, the best and most popular poultry journal; 64 to 164 pages monthly; 50 cents per year. Sample free.

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Poultry the Best Paying Branch of Farming



The 1911 catalog by Robert H. Essex, poultry and incubator expert, will start you right. Improved incubators and brooders. Read "Why Some Succeed Where others Fail."

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LITTLE GIANT CORN SHELLER

Just Out and Entirely New,

This sheller is a little wonder. Will do the work equal to any other hand sheller. No springs to jar loose, and adjustment simple and accurate. Impossible to get out of order. The sheller deposits the corn in the box on which it is mounted, and the cobs outside. Is made on honor and will last a lifetime. Will easily shell eight bushels per hour. Price $1.00 F. O. B. here.

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POULTRY POINTERS

Mrs. J. B. Howe

THE mating of the breeding stock is now in order. February is the mating season of all the fowl tribe, both land and water. In the wild state they attend to these matters themselves, but domestic birds, especially in the fancy class, must have their mates chosen for them.

This is a matter of great importance, since the law that "like begets like" holds more firmly, in anything, among the lower order of animals than among the higher.

Some time and thought must, therefore, be given to this work, remembering that when the females of any special mating are at all weak in any point, the male selected should be unusually strong in that particular point.

In this way their weak places are overcome by his stronger points. Both should, however, be just as perfect as it is possible to have them, if we desire to build up a flock that possesses merit.

Now let us begin with the general symmetry of the bird. The cock should be of bold upright carriage with full breast, and full of vigor. If he is a fighter all the better. That shows he is no coward. His eye should be bright and if of the American breeds, it should be of a red color.

His comb should be of fine texture, and bright red, and if of the single variety, the nearer it approaches to five distinct points and the blade, the better. If a rose comb, it should set squarely on the head, terminating in a well defined spike, which follows the shape of the head.

The American breeds should also have clean, straight and stout legs, with straight toes.

Whatever breed he is, his color should conform to the color demanded by that breed.

The hen should have a well rounded body, with a neat head and neck; her eye should be the same color as that of the cock; her comb small, but distinctly pointed. The ear lobes and wattles of all the American breeds, both sexes, should be bright red.

The hen should be active, and alert, which denotes she will make a good layer.

The ideal mating is a cockerel of good size and Standard weight, with yearling or two-year-old hens, or a one or two year old cock with pullets. From ten to twelve hens or pullets with one male is the correct number. They should be mated a couple of weeks before you begin to save the eggs for hatching.

As a general thing, the first laying of eggs from a pullet pen does not hatch very well, nor are the chicks inclined to be very strong. It is well, therefore, to have them mated, and laying for some time before eggs are saved for hatching. It is also well to have plenty of hens to fill the gap, until such time as the pullets can be depended on.

These mated pens from which the season's harvest is expected to come, must be fed a generous diet of a mixed nature, but not overfed, nor yet given a too stimulating diet. Corn must be sparingly fed. Wheat, oats, kaffir corn, with millet for a scratching feed to keep them busy, and a dry mash of bran, clover, shorts, and a dry mal meal, kept constantly before them.

A plentiful supply of fresh water, grit, charcoal and oyster shell must also be provided, for an egg is a composite article and requires quite a variety of elements in its composition.

When at large, the hen's instinct leads her to seek just what she requires in the manufacture of this useful and dainty morsel, but when she is confined, and restricted within certain bounds, these materials must be furnished or the eggs do not appear.

Government experts have, with much experimenting, determined what should be a perfect incubator. The Sure-Hatch Incubator Co., Box 28, Fremont, Neb., are making a machine covering every point recommended by the government. The Sure-Hatch people will be glad to tell you all about it and send on 60 days' free trial to prove it to you. Send for free catalog and offer.

Perfect Equipment is THE Secret of Our Success!

With the experience gained in operating the Largest Poultry Plant in the World, our knowledge of the several makes of incubators is greater than the manufacturers'. For the sake of economy WE built an incubator giving *results never secured by any other make,* and we now offer it to the public. The



International Self-Humidifying Incubator

is responsible for *our great* success, and will give to the struggling beginner all of the profits and none of the losses. Absolutely automatic in every function, unvariable temperature, certain moisture from the moment of starting the hatch until nature requires a cessation in order to properly dry the newly-hatched unit of future profit—so thoroughly safeguarding its entrance into poultrydom as to guarantee its livability when raised under the very acme of "Foster Mothers," the



INTERNATIONAL SANITARY HOVERS

This Hover makes possible the rearing of the maximum of chicks and the minimum of deaths—90 per cent to 95 per cent live and thrive and grow. It is the only device that contains the *active principle of the hen,* and the ingenuity of man can go no further.

Our best efforts are centered in the production of Day-Old-Chicks and Hatching Eggs from matured stock. No pullets' eggs are used except for table purposes.

We have just completed our 1911 catalogue on incubators and hovers, also our stock catalogue on Rancocas Strain BABY CHICKS and HATCHING EGGS. You are welcome to either or both of these catalogs. Send to-day.

INTERNATIONAL POULTRY SALES CO., Brown's Mills-in-the-Pines, N. J.
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1911 Models Now Ready **We pay the Freight**

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200 Egg Incubator $3.00

No freight to pay. Actual hen in Natural Hen Incubator heats, ventilates, controls everything. No lamp, no costly mistakes. Best hatcher in the world. Agents Wanted. Catalog free. **N. H. I. Co., 1349 Constance St., Dept. 70, Los Angeles, Cal.**

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SIMPLY fill in the coupon below—cut it out and mail it to us today. A postal will do. The book will come by return mail, **free,** postpaid.

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We want you to read how we are saving separator buyers about **half the cost** on their machines—giving them a better machine; giving them a lifetime **guarantee.** That **proves** the quality of our separator. We want you to see how you can do the same; how you can **prove** all this in your own home without a cent of expense—compare it with any on the market **before you buy.** Just read this letter:

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Gentlemen:—We are surprised to get such a perfect machine at such an unheard of low price. The women folks are in love with it, because it is so easy to turn—so easy to clean. The boys refuse to run the Sharples and DeLaval—the New Buttterfly runs so much easier.

CHAS. F. WEYBRIGHT.

That tells the whole story in a nutshell. That's why the New Butterfly wins **everybody's** preference when they see its superior advantages. That's why it is acknowledged

THE ONLY WOMAN'S SEPARATOR

on the market. Turns easiest, cleans easiest, skims closest, simplest. Just send for the Book and see what a host of other women say about it. Then read how we gladly put one in your home—**prove** it to your own satisfaction, **before you send us a cent of pay.** Get this book and find out **why** it is so good it can be

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Fill Out This Coupon NOW
Don't Wait for the Men

to send for this book—write yourself—you are the one to profit most—you are the one who needs this time, money and work saver—and think of the extra money it will make for you. The New Butterfly saves its cost in a few months in the extra cream you get from your milk to say nothing of the saving in washing and scouring of pails and pans, crocks and cans. Send in this coupon now.

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Greatest Of All Berries



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The Engraving shows one Plant from photo July 1, 1910, which is trained to a large trellis loaded with fruit, and continued bearing until October.

The Fruit is black, almost coreless and the large luscious Berries borne in enormous clusters will literally melt in your mouth. It is unsurpassed for eating fresh, cooked, canned or preserved in any form and is the Greatest of all Berries for all Climates.

Everybody can and will grow this Great Berry for it is the easiest Fruit in the world to grow, is splendid for city people or any one with limited space, for it can be trained up from the ground like a tree producing Berries from 8 to 4 months, growing larger and producing more Fruit each year.

We guarantee this the Greatest of all new Fruits and can produce facts no one can get away from.

Beware of imitations. Giant Himalaya is a family by itself and highly valued wherever grown. The English Himalaya or Plants raised from seeds cannot be relied upon for fruit or hardiness. Our plants are from tested parent stock. Complete satisfaction guaranteed

Instructions for cultivation with a booklet of receipts for using in many ways free with all orders.

Strong plants 30c each, 3 for 60c, 6 for $1.00, 15 for $2.00, 25 for $3.00, postpaid.

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COFFEE ONE CENT PER POUND

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A wholesome drink! The healthiest ever; you can grow it in your own garden on a small patch 10 feet by 10, producing 50 lbs. or more. Ripens in Wisconsin in 90 days. Used in great quantities in France, Germany and all over Europe.

Send 15 cents in stamps and we will mail you a package giving full culture directions, as also our Mammoth seed catalog free; or send 21 cents and get, in addition to above, 10,000 kernels unsurpassable vegetable and flower seeds—enough for bushels of luscious different vegetables and brilliant flowers.

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Get 3 large packages containing biggest quantity of high grade seeds ever offered by a leading seed grower for 10c.

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GARDEN and ORCHARD

SAMUEL ARMSTRONG HAMILTON, Editor

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Is the coming season in the garden and orchard going to be even **more successful** than the record-breaking past one? Do you intend to apply to **your** garden and orchard work all the latest and most approved appliances and methods, so as to get the best results? If so, you should continue to read UP-TO-DATE FARMING, as **it will contain the latest things of merit.** Will you help us to make it a greater paper than ever by sending in a club of five ubscribers for one year at $1.00 for the club of five? May I thank YOU for them now?

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SAMUEL ARMSTRONG HAMILTON, Garden Editor.

YOUNG PLANTS FOR THE GARDEN

There is nothing to be gained in starting the seeds for young plants too soon, whether you grow them in flats, cold-frames, hot-bed, seed-pan, or the old familiar tomato-can, as it is a distinct loss to the plant to have to be held back too long at the other end. It is better to time them according to your latitude and climate, so that they will come as near right as possible to maturing and be ready for setting out just when the time for that arrives.

Of course, if you live in the extreme southerly portion of the section of the country which is north of the warm regions, say, the Carolinas, or the Tennessee and Kentucky country, it will be all right to start the plants from seed early in February, but in



Four Sash Hot Bed

the section north of the Ohio river, it is best to so time the plants that they will not be ready to set out, as is often the case, from a week to a month before the frost will permit.

Transplanting

Also, keep in mind that there is nothing to be gained by setting out plants in the cold soil, which have been brought on in a warm indoors temperature, for that means a certain check to them. Last spring a man boasted to me that he had the first tomato and pepper plants set out in his section of the country. I wagered him that he would not have the earliest fruits, and he lost. In addition he had a portion of his early tomatoes frozen by a late frost.

The theory of growing early plants is this: Know by experience of yourself, or others, when is the average time when it is safe to set plants out in the open ground. By "safe" I mean when is the soil warm enough that they will not know that they have been de-potted and set out, but will continue to grow on undisturbed as if still in the pots or flats. Then allow six weeks for such plants as tomato, pepper, cauliflower, cabbage, egg-plant, and others to reach the stage of setting out, and in most cases you will hit it right.

However, if you intend to have a row very early tomatoes, potatoes, and other such vegetables, and will go to the trouble and expense of planting, thinning, and growing them on in pots it is then advisable to start them in the middle of February, and have them in bloom, or with small green fruits when time to set in the warm summer soil, but such exceptions are not considered as within the scope of this article.

There has been in the past too much misinformation in regard to this matter of the setting out of plants, and the advisability of extra early sowing of the seeds. Many persons fail of the fullest success by planting seeds 1, and most of them would do better by planting them two weeks later.

Planting the Seeds

There are many ways of planting seeds, and many things in which to plant them. Most farmers and their wives, who in most cases are the real gardeners, are opportunists, using the thing which comes most easily to hand. This is all right in some cases, but the best thing to do is to find out which is best adapted to your own case, and act accordingly. I have before, in this department, spoken of the advantage of the cold frame and the hotbed, and desire to again refer to them.

There are firms advertising in this paper who will furnish you all the materials for a cold frame or hotbed, including the ground frame, sash (glazed), and the rebated top for from $4.00 to $6.00, according to the materials, for size, three by six feet. Can any farmer, who desires to be up with the foremost in his garden, hesitate at these prices to have the one thing which is so necessary in the garden. Or if you are handy with the saw and hatchet, buy the glazed sash and make the frames yourself at a considerable saving in cash. But by all means, get this necessity and use it—it will more than pay for itself in one season.

Next to the cold frame and hotbed for the sowing of seeds is the seed-flat, which is a wooden box, of size

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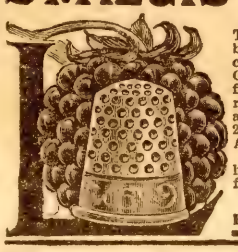
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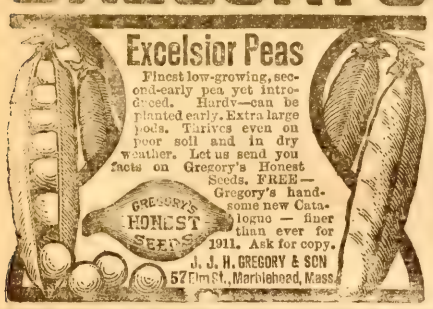
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in February, and by the first of April their plants are ready to set out. But the soil is not ready for them, and what is the result? They must be held back to their detriment. I venture to say that there are few farmers in the section of which I spoke above, who need to plant their seeds before March varying according to different ideas, but which I have found to be best when made 24x18x3 inches, of any kind of lumber, one inch thick (seven-eights will do) painted inside and out, with, preferably, a galvanized iron bottom. Any one can make these flats. There are a number of standard size packing cases so near this size that if they can be had it is much cheaper to use them. One of these is the box in which canned tomatoes (3 pound) are shipped. Saw one of these off three inches from the top and you have a flat when you put a bottom in it. Saw it again three inches from the bottom and you have another. For the flat which is intended to be set on a kitchen window, get from your dealer boxes in which window shades are shipped and they will fit the standard window sills, and will need only to be sawed to three inches high. For wider windows, there is the box in which jointed fishing rods are shipped, which merely need to be sawed to 3 inches high to make long narrow flats, and good ones.

Where there is room to handle them, I advise the use of small pots for the first early seeds, putting three or four seeds to a pot, carefully transplanting all but one to other pots when they get their third leaf. This makes quick-growing plants, and you can have tomatoes in bud and bloom by setting-out-time, if they are grown thus, shifting them on to larger pots as the small ones fill with the roots. I do not advise the planting of seeds in cans or other receptacles from which they can not be easily shifted at the proper time.

Proper Method of Sowing Seeds.

We have learned a lot about the proper planting of seeds, of late years, very largely owing to the experiments of the stations, and the Agricultural Department. It is really amusing to look back and recall some of the opinions held on this subject by supposed experts, as late as ten years ago. The greatest trouble in the past, and the cause of the most loss to planters was too deep planting. If you have some old garden books, say of twenty years ago, you will be likely to see in them directions to not plant such seeds as the tomato, cabbage, and others of similar size MORE THAN AN INCH DEEP. Just think of it. In the same proportion, you should have been told to plant such seeds as corn, lima beans and pumpkin A FOOT DEEP.

Let us see how Nature plants her seeds. She sows them very largely by means of high winds, and they fall on the ground in the fall of the year, and get a more or less thin covering of vegetable matter over winter, which keeps them pressed close to the soil, and gives them a certain amount of warmth. There is rarely a failure of the weed crop, is there? Why not emulate, and improve, on Nature? That is just what we now do when planting seeds by modern methods

A Proper Seed Bed

This is a most important thing in the raising of fine young plants for setting out. When you consider how fine the average garden seed is and then think of the clods of soil, sometimes an inch in diameter, it is a wonder that as many turn out good as do. The top soil of the flat should be as fine as sand or dust, free from clods, stones, and all kinds of rubbish, and should be loose and level. The leveling can be done by passing over the top a straight edge, lightly. On this levelled top drop the seeds one by one, whether in cold frame, hotbed, or flat. I do not approve of broadcasting seed for young plants. There is no seed so small, which is ordinarily used for these purposes which can not be dropped, one by one, in straight rows, if a little patience is used. It will pay to do it, so that they can be brought to the time of transplanting without having their growth checked by the disturbance caused by the removal of another plant whose roots have become entwined about them.

When the seeds have been dropped on the level, loose soil lay a piece of smooth board the size of the inside of the flat, or of a suitable size in case of the cold frame or hotbed, and press it firmly down with the foot—not too hard, but firm enough to press the seeds solidly into the soil. This will give them the close contact with the soil which is necessary for good germination, and will enable them to come through with ease when the buds appear.

I remember being called in to see a trench in which a packet of rare sweet pea novelties had been planted, not one of which had appeared. They had been planted six inches deep, and a hard rain had come on shortly after. I dug down and found that all of them had germinated, grown up until they struck the top crust, and, being unable to pierce it, had grown around in circles until they had rotted.

After the seeds have been pressed, water carefully with a fine nozzle. If you have no fine nozzle, put a damp cloth over the soil, pressing it closely, and water on this. This cloth is to be allowed to remain, until the seeds show signs of germination, when it is removed in the morning. It simulates the covering which Nature gives to her seeds which she sows in the fields. If properly handled, it is not necessary to cover out of sight any seeds such as we use for growing young plants, and I do not advise it. Merely press them into the fine soil. The above instructions apply, as well, to those seeds which we sow for the purpose of growing flower plants for setting out. Aim to have them in bud and bloom, by the latter part of May, when it is usually safe to set them out in the latitude of Indianapolis.

Other Helps.

There are also numerous ways of starting certain seeds which have been found to work to perfection. In the fall of the year cut and store away pieces of sod about six inches square and use these to start early squashes, pumpkins, cucumbers, and potatoes. It is best to fit the sods in pint-size berry boxes, as in these they are more easily handled, and they can be set out in the field, or garden, without shock. Many persons also start seeds in soil filled in these berry boxes, merely cut-



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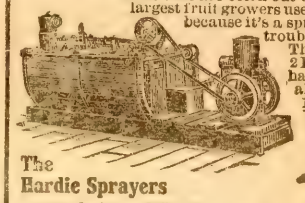
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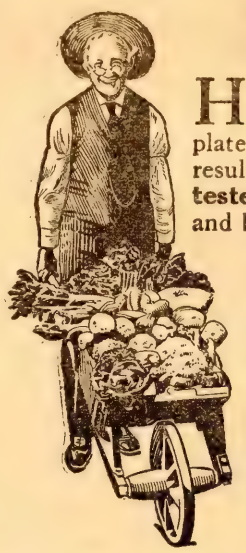
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ting out the bottom before setting out, and not disturbing the plants.

For the information of my readers, I desire to say that there are on the market seed pots made of waxed paper, stiff enough to hold soil for one season, which can be had very cheap, by the hundred, and in all sizes. These make it within the means of all to grow their plants in pots, as it is as easy to shift from these paper pots as from the earthenware ones. Grow plants; grow them rightly; keep them growing; you will get good crops.

Garden and Orchard Notes

If the liquids from the stables have been saved for the use of the garden, now is the time to put an absorbent in them, and the resultant manure will be the best of its kind for garden use.

Take a look into the toolhouse, and be sure that all the tools you will need for the coming garden season are all there, and in good repair. If not, attend to it at once. Buy needed new tools now. Get the best. Use no hand tools when it is possible to use the horse or "man" kind.

If there be a warm day early in March, and the snow is not too deep, uncover the crowns of the rhubarb, giving them a little loose straw instead of the thick coating of manure now over them. If you desire to have early rhubarb, uncover the crowns and put over them frames with glazed sash, ventilate on bright, sunny days, and you will anticipate the regular crops by a month.

As soon as the snow goes away, see to the mulching of the shrubs, vines, bushes and berries, so that it will still be enough to prevent the alternate freezin gand thawing of the soil around them, which "heaves" them, causing damage to the root system in many instances. It will pay to give an entirely new mulching of rotted manure, to all of these at this time, allowing it to remain until late in the spring, when in most cases it can be dug in about them.

If you are planting your garden by the alternating method, i. e., allowing a portion to lie fallow, or growing it, to a leguminous crop, for a year, that portion which will be put to the plow, for this purpose, should have the manure spread on it now, as thick as you can afford, so that it will leach out and be well mixed by the harrow or disc, later on. Manure in the garden soil is a good investment.

If you did not get the orchard cleared of brush when pruning during the early winter, do it now before the rush of spring work makes it impossible for lack of time. Also, finish any necessary pruning at once, if the weather will permit, or as soon as it will.

Have you sent in orders for all the seeds and bulbs which you will need? It is an advantage to send such orders early.

Fruit trees, and berries which are to be planted this spring should be ordered at once, if not done. When ordering trees or shrubs, better not give the nurseryman a date on which to ship, but tell him to ship at the right time for planting. He makes it his business to know when that time is, in each locality, and rarely goes wrong about it.

Make your garden plan this month. Draw a plan of the garden, laying it out in beds, and mark where you will plant each vegetable and flower. Locate the berries, and all trees and vines, so that you can, by looking at it, see the garden as it will be when planted. The rows of each kind should be indicated by name and the number of feet. Mark the distance between the rows.

Forward, Valiant Farmers

Miss Effie Stevens

Forward, valiant farmers,
Forward is the cry,
That will prove your mettle;
Forward, then, or die.
Join the band that's seeking
Equity for all;
To a higher living
Let this be your call.
Chorus:
Forward, valiant farmers,
Forward is the cry,
That will prove your mettle,
Forward, then, or die.

Forward is the watchword,
Of this mighty throng,
Going forth to battle
'Gainst a bitter wrong.
In a wall unbroken,
Moves the stalwart band;
Farmers claiming justice
From their native land.

Floats the silken banner,
Ever on the breeze,
Bearing words inspiring,
"Forward, justice seize!"
And the wakened farmers,
Climb the untrod height,
Following the banner,
Happiness in sight.

Forward, then Oh farmers,
Join the growing band,
Pressing on to triumph,
With it take your stand.
Raise your happy voices,
Send the words along,
"Forward, ever forward,
Justice for the throng."!

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Never Be Stingy

RICH and childless, sat Marte Svennernd on her farm and held the reins of the whole neighboring community in her firm hand. If anybody could afford to pay Marte Svennernd forced him to do so to the last penny. But, had a man no money, she drew a heavy line across his whole account. "Never be stingy" was the motto of Marte Svennernd.

Just at Christmas it happened that Hansen, the village school teacher, died and left a widow and seven little children in the direst poverty. The parson sent around a list to take up a collection to get money for funeral expenses and rent. Of course, the list came first to Marte Svennernd, and it so happened that it never went any further. It came back to the parson and written across it stood in bold handwriting, "Never be stingy. This is my business. Marte Svennernd."

Then Marte Svennernd made the boy hitch up, filled her big sleigh with a lot of bundles and packages large and small and drove off to visit the dead teacher's widow.

A few days later the widow fell on the slippery cellar stairs and fractured her skull, and a few days later she died, leaving her seven little ones to her neighbors to care for. The parson carried them all to the parish to find out if any of them would care to adopt one of Teacher Hansen's children. The meeting had not lasted long before they had all been taken by somebody.

In the meantime the children were sitting in the kitchen parsonage playing lotto. Suddenly Neils, a little fellow with golden hair and a pug nose, said: "We will play to see who is to go to Marte Svennernd."

Michael, the oldest, won the game. The youngest began to cry. "I want to doe to Marte Fennern, too." But suddenly he stopped crying. The door opened and Marte Svennernd entered. She sat down among the children and ran her little bright eyes over them until they rested in Niels.

"What is your name, my boy?" she asked.

"Niels Hezekiel Hansen," the boy replied, blushing with expectation.

"How old are you?"

"I was ten on the eighteenth of January last."

"Will you come with me to Svennarnd and be my partner?"

"You bet I will," Niels blurted out. His eyes were beaming. But suddenly he looked at Michael, who was sobbing quietly.

"I thank you very much," said Niels, "but—"

"You don't want to come, perhaps?"

"Yet, I do, but—"

"Now, what does that mean," said Marte gruffly.

"I would just love to go with you, but Michael has just won you. We played lotto to see who was to go with you to Svennernd and Michael won."

Marte Svennernd smiled.

"So you have just gambled me away, Niels! Poor fellow. And whom did you win?" she asked, a little blue-eyed girl of eight, with two blonde braids.

The girl blushed and lowered her eyes, but finally managed to whisper that she had won nobody.

"Is Michael the only one who has won?" Marte Svennernd asked.

"Yes, we only played about you," said Niels.

"Is that so? Why didn't you play about somebody else, too?"

Marte Svennernd's pale blue eyes looked at them inquisitively.

Because we all wanted to go with you together," said Niels.

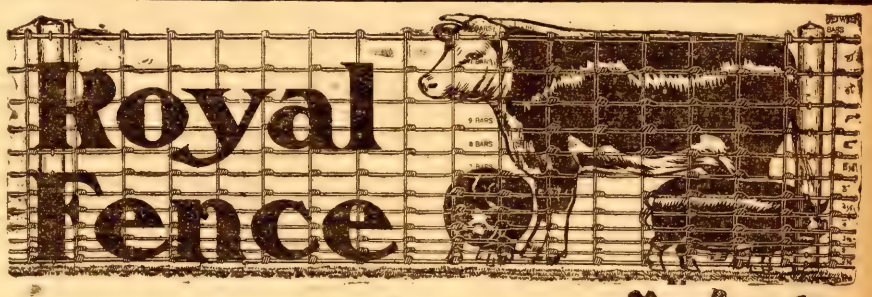
"Is that so?" said Marte Svennernd and looked out of the window for a while.

The children remained in the kitchen quite dumb with fear that they had made her angry, so that she did not want any of them, perhaps. But Marte Svennernd went back to the parson's study.

"I take them all seven. Never be stingy," she said energetically and banged the table with her big hand. When Marte Svennernd half an hour later drove back from the parsonage, her big sleigh full of children and the other men of the parish were waiting in their sleighs, the parson came outside.

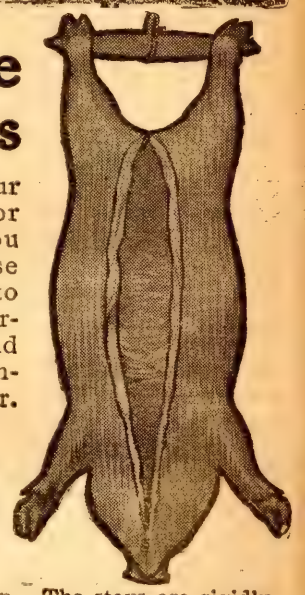
"Three cheers for Marte Svennernd," he cried and waved his velvet skull cap. And when the cheers had been given with a will he called for three more.

"Never be stingy," he cried aloud with a happy smile on his lips and the cheering never ceased until Marte's broad back could no longer be seen.—Journal of Agriculture.



Turn Your Waste Into Meat and Profits

How? Fence your farm so as to utilize your waste products. Fence is the important factor in *rotation and alternate pasture.* It enables you to convert waste into profit. With liberal use of gates, small fields are quickly thrown into big ones giving unlimited extension and alternation. The fence thus cuts down the cost and increases the production of the farm by turning waste into meat—your big profit-maker.



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In the center of each plate or dish there is a beautiful cluster of bright roses, surrounded by green foliage, all in perfect natural colors. Around the edges of each piece there is a very heavy design in gold. They were all pure white, and dainty enough to delight the most fastidious housekeeper. You can earn this set in a very few minutes of your spare time.

If you really want this gorgeous dinner set, fill out the coupon and I will send you prepaid 115 Sharp's best needles, darners and bodkins, all fitted in a handy and convenient needle case.

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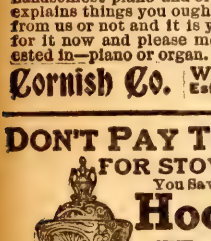
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THE HOME ON THE FARM

FAILURES THAT WIN

By the Rev. Charles Stelzle

APPARENT failure may sometimes spell success. Some years ago a genius sent a raft of logs from Canada to New York. This method of transporting logs was then unknown. When near New York a great storm snapped the cables which bound the logs and they were scattered far and wide. The chief of the Hydrographic Department at Washington heard of the accident and sent word to shipmasters the world over to watch out for the logs, noting the latitude and longtitude in which logs were discovered. Hundreds of captains reported, with the result that remarkable discoveries were made as to the courses of ocean currents. Joggins lost his raft but the world gained new knowledge of marine geography and navigation.

Perhaps your raft has been destroyed. You had hoped great things for it; but the logs are not lost. You will find them scattered all through your life and perhaps in a time of storm they will save you from shipwreck. They have gone into the building up of your character. Also and more important still, they will save some other fellow from disaster. Columbus failed in finding a back door to India, but he discovered America. The Spanish court could see in Columbus' discovery merely a few Indian souvenirs, but to the world it meant a vast continent.

When a man has honestly done his best, he may have the consciousness that no one can do better than his best—not even the angels in heaven.

"The world is wide
In time and tide,
And, God is guide;
Then do not hurry.

That man is blessed
Who does his best,
And, leaves the rest;
—Then do not worry."

IN THE HOUSE

Ammonia in warm water will remove whitewash from carpets.

A pinch of baking soda added to stewed sour fruit makes less sugar necessary in sweetening.

Stale rolls or cakes may be freshened by putting in a paper bag and heating in the oven.

Dusting covered furniture with a new soft paint brush will clean out the deepest crevices.

Gilt frames may be made clean and bright by washing in rain water with a little flower of sulphur dissolved in it.

Iron can be kept from rusting by touching up with a little mutton suet and dusting with powdered lime.

Leather satchels may be cleaned with a sponge dipped in warm water in which a little oxalic acid has been dissolved.

If a child has a bad bump on the forehead an application of witchhazel as hot as can be borne will take out the swelling.

In roasting turkey or other fowls, thin slices of salt pork laid over the entire surface and held in place by toothpicks, will keep the meat juicy and impart a pleasant flavor.

After washing windows rub the glass with a cloth dampened with coal oil, and the flies will not speck them.

Silverware soaked in buttermilk over night will clean easily next morning.

Boil the lamp burners in strong soda water, and they will burn as bright as new.

Vegetables that grow above ground should be put to cook in cold water; those that grow in the ground should be put to cook in hot water.

FRUITS AS HEALTHFUL FOOD

T. B. TERRY, in the Practical Farmer, speaking of the use of sugar as an article of food for the human family, does not favor a very great use of it. But he does favor the use of fruits, and thinks the sugar in fruits is in nature's form and constitutes ideal food, in proper quantities, of course, and at proper times. Were he giving the children a treat he would rather give them fruits than candy. Of course, home grown fruits are well known and appreciated, but there are other fruits that are more of a rarity, and can easily be obtained, and cheaply.

There are raisins of several kinds, the seedless being preferable, figs, also of different kinds, prunes, dates and bananas, all containing more or less sugar as nature manufactured it. Then there are oranges, healthful, but without much sugar. We have no special fight on pure candies, but we believe it would be well to divide its honors with these sugar carrying fruits in the children's treats, or in family use.

BETTER THAN STORE CANDY

COVER the bottoms of two plates or tins with carefully picked out and nicely cleaned kernels of walnuts or hickory nuts, or peanuts. Put into a granite kettle or a new saucepan, one teacupful of white sugar and one and a half cups of common molasses. Boil till it makes a moderately hard candy when dropped in cold water. Then put in butter the size of a walnut and three teaspoonfuls of vinegar, and let it boil two or three minutes longer. Take it off the stove and stir in well and rapidly one teaspoonful of baking soda dissolved in cold water. While it is foaming pour it over the nut kernels and set where it will cool quickly, being sure that the dishes set level. Before it gets too hard, check it off into inch squares with a buttered knife. No better candy can be bought any where at any price.

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FAMILY BUTTER MERGER CO., Indianapolis, Ind.

BEACON LAMP BURNER FREE



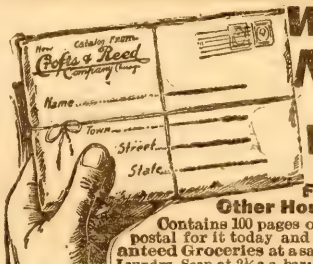
Incandescent. 100 Candle Power. Burns common coal oil. Gives better light than gas, electricity or six ordinary lamps at one-sixth to one-tenth the cost. Fits your old lamp Unequaled for fine sewing or reading.

COSTS ONLY ONE CENT FOR SIX HOURS

We want one person in each locality to whom we can refer new customers. Take advantage of our special offer to secure a Beacon Burner FREE. Write today. Agents Wanted. HOME SUPPLY CO.
254 K. C. Life Bldg., Kansas City, Mo.

REQUEST ADVERTISERS WANT TO Know in what Paper their Advertisement was seen. Therefore We Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers. **READERS.**

We Want to Send You Our New Catalog and Style Book Will Save You 1/2



on Groceries, Clothing, Furniture, Shoes and Other Household Supplies

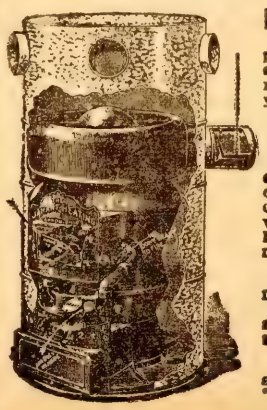
Contains 100 pages of money saving items. Write a postal for it today and see how you can get our Guaranteed Groceries at a saving of one-half. For instance: Laundry Soap at 2½c a bar; Baking Powder, 12½c a can; Toilet Soap (3 bar box), 12½c; Starch, 5c a box—everything at ½ usual cost.

1500 Premiums Given with orders for these Guaranteed Products. Thirty days trial—no money in advance—money back if not satisfied. Write for Catalog and learn how to furnish your home throughout without a cent of extra cost on our money saving Factory-to-Home Plan.



Given Free with $10 worth of Products.

CROFTS & REED CO., Dept. B242, Chicago



Buy Direct—Save Money—We Pay Freight

Our monthly installment plan of selling direct saves you all the dealer's profit and his excessive charges for installation and repairs. You can save at least ⅓ the cost of your furnace. We have been building Jahant Furnaces for over thirty years and guarantee perfect satisfaction. Let us tell you why the

JAHANT DOWN DRAFT FURNACE

is the best Heating System made for residences, schools, hotels, churches, etc. It is the most economical furnace too and saves ⅓ to ½ the cost of fuel because the patented "Down-Draft System" burns hard or soft coal, wood or lignite, and burns it ALL without cinders, clinkers or any waste. Needs less attention, yet heats much better than any other furnace, hot air, steam or hot water heating system. Our "Installment Plan" of monthly payments by which you pay

Only $10 Down and $10 a Month

makes it easy for any one to have the best heating system made.

We send complete outfit, furnace, pipes registers, etc., together with special plans, full directions and all tools for installing. If you can drive a nail you can install a Jahant Furnace without the aid of a tinner.

Write To-day for Catalog which explains the Jahant Down-Draft System and tells why it gives more heat at less cost than any other system of hot air, steam or hot water heating.

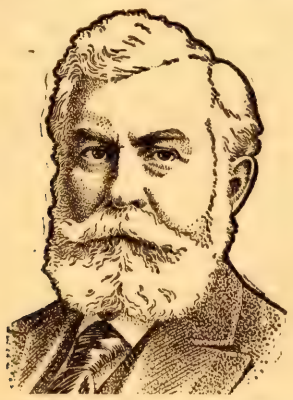
THE JAHANT HEATING CO., 209 Howard St., Akron, O

RHEUMATISM

I want every sufferer to try my Drafts, which are curing thousands, WITHOUT COST.

All I ask is your address

I want to send every one who has Rheumatism a regular $1.00 pair of **Magic Foot Drafts**, the great Michigan remedy for **Rheumatism** of every kind, **chronic or acute, muscular, sciatic, lumbago, gout, etc.**, no matter where located or how severe, on FREE TRIAL.



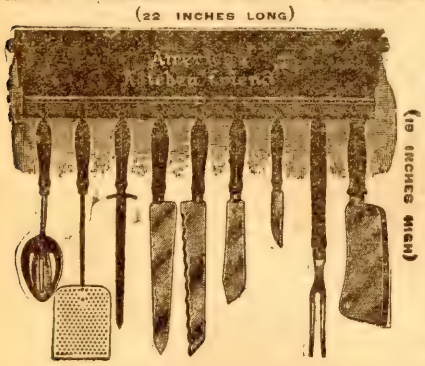
FREDERICK DYER, COR. SEC.

My Drafts are meeting with phenomenal success—they are already in demand in every civilized country in the world. Thousands of letters from everywhere tell us of marvelous cures, even after long lives of suffering, and after every other means had failed. It is because they are so sure to bring prompt and permanent relief that I can afford to send them on **approval.** Just send your name and address. Return mail will bring the Drafts, prepaid. Then, **after trying them,** if you are satisfied with the benefit received, send us One Dollar. If not, **they cost you nothing. You** decide, and we take your word. Address **Magic Foot Draft Co., HA6 Oliver Bldg., Jackson, Mich.** Send no money—just your name. Write today.



KITCHEN SET FREE

(22 INCHES LONG)



Complete Kitchen equipment-a utensil for every purpose. A place for everything, fewer steps, less annoyance greater comfort, Every item is a household necessity, used daily. Made of the highest grade of tempered crucible steel, ground and polished by the latest improved process. Rubberoid finish, hardwood handles; matched and mounted with nickel plated ferrules, making set an ornament to your kitchen. The rack is 22 inches long, made of wrought steel, heavily enameled in black. In back of rack is space for kettle covers, trays and shallow articles or cooking utensils.

COUPON

D. W. BEACH, BOX 502
Spencer, Indiana.

Send me full information how I can get the American Kitchen Set FREE, by getting a few subscriptions to the EPITOMIST. Also send me a sample set of Post Cards that go with each subscription. I will do my best to get up a club for you and get the Kitchen Set.

Name.....

P. O.....

St. or R. F. D..... State.....

When writing to Advertisers don't fail to Mention Up-to-Date Farming

UP-TO-DATE PATTERNS

We have made arrangements with well known New York Fashion publishers to furnish our readers and subscribers with perfect-fitting, seam-allowing patterns at 10 cents each—postage prepaid. Order by number and size; write your address plainly and send 10 cents for any pattern.

VERY SPECIAL OFFER: We will send any two (2) of these patterns FREE *to every person sending us 50 cents for a two years' subscription for* UP-TO-DATE FARMING.



5327—LADIES' 24-INCH LENGTH COAT, cut in six sizes, 32 to 42 inches bust measure. Size 36 requires 3⅛ yards of 36, or 2⅛ yards of 54-inch material; 1 yard of 20-inch satin. Price 15 cents.

5304—GIRL'S DRESS, with body and sleeves in one, cut in sizes 4, 6, 8, 10 and 12 years. The 8-year size requires 2⅝ yards of 36 or 2⅜ yards of 44-inch material; 3½ yards of braid. Price 15 cents.

5299—LADIES' EIGHT GORED SKIRT, cut in sizes 22 to 32 inches waist measure. Width of lower edge for 24 waist is 3⅛ yards and requires 3¼ yards of 44-inch material. Price 15 cents.

5292—LADIES' WORK APRON—4 sizes, 32, 36, 40 and 44 inches bust measure. Size 36 requires 4¾ yards 27 inches wide, or 3¾ yards 36 inches wide. Price 10 cents.

5263—BOYS' RUSSIAN SUIT—3 sizes, 2, 4 and 6 years. The 4-year size requires 2⅞ yards 6 inches wide. Price 15 cents.

5328—CHILDREN'S BOX COAT, cut in 2, 4, 6, 8, 10 and 12 years. The 8-year size of one material requires 3 yards of 36 or 1¾ yards of 44-inch material. Price 15 cents.

Select any pattern you want at 10 cents each and send all orders to

UP-TO-ATE FARMING
Indianapolis, Ind.

HAPPY MOTHER—HAPPY CHILDREN

THE happiest children are those who have the happy mothers. The young child which grows up in the shadow of a discontented, repining and gloomy mother is like a plant unwatered by kindly dews. It is apt to be dwarfed and stunted. Even when things are crooked and temptations to be harsh come, let the mother, for her child's sake, try to be happy.



If Soda Crackers Grew on Trees

Nature would cover them with shells, like nuts, protecting from moisture, mildew, dirt and insects.

Just so are Uneeda Biscuit protected by the moisture-proof, dust-proof package. It keeps them oven-fresh and crisp, retaining all their flavor and goodness till used.

Think it over and you will always buy the protected kind

Uneeda Biscuit

Never Sold in Bulk

5¢

In the moisture-proof package

NATIONAL BISCUIT COMPANY

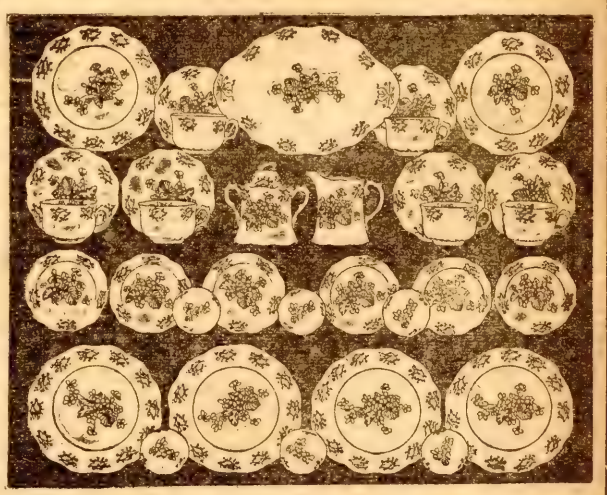
25 RICH EASTER Post Cards for 10c
Some GOLD, Some SILVER EMBOSSED.
All different, every one richly colored, some worth up to 5c each. Every kind of Easter design, Easter Chickens, Rabbits, Children, Flowers, Crosses, Angels, etc., every card with an Easter Greeting on it. Best lot of Easter Cards ever offered—just as good as our Valentine Cards, of which we sold millions. Biggest and Best Illustrated Catalog of Easter Cards and Booklets at Bargain Prices sent free. Agents wanted.
ELLIS ART CO., DEPT. 422, 538 Lawndale Ave., CHICAGO

FREE This Grand Empire Dinner Set FREE

I am going to give every woman who answers this advertisement one of these Grand Empire Dinner Sets.

Never before was a plan devised that was quite so simple and easy, and never before was such a valuable and beautiful Dinner Set given which required so short a time or such small effort to get.

This Grand Empire Dinner Set is a high-art production of the famous Carrollton Potteries, noted makers of American Chinaware, which in itself is sufficient guarantee of the excellent quality of the Empire China Sets, which comprises 34 pieces in all. Each made from clays imported from Europe which places it on a par with the finest of imported ware. They are all of the highest grade (not seconds), light in weight, very tough and very durable, snowy white in color, except the decorations, with Haviland glaze which gives it a smooth and velvety appearance.



THE DECORATIONS

The small reproduction can give you but a faint suggestion of the artistic effects of pleasing colors. Purple petalled wood violets with broad green leaves against a background of vining ferns compose the center ornamentations, while the burnished gold scroll forms the border design of each individual piece, and, best of all, the decorations are buuned into the China and are therefore as permanent as the China itself.

Read My Easy Plan for Getting this Wonderful Empire Dinner Set.

DO NOT SEND ANY MONEY. Just write me a card and say you want the Empire Dinner Set, and I will then send you, all charges paid, 16 sets of Post Cards (20 Cards to the set.) These are the most beautiful Post Cards published in America, I trust you with these Cards—**I don't want any money in advance.** I want you to give one set of 20 Post Cards to 16 of your friends—**which is only a part of my great 25-cent Introductory Offer.** This offer is so very liberal that almost everyone will be glad to accept. When you have distributed the 16 sets of Post Cards on my Special 25-cent Introductory Offer, I will send you immediately this grand Empire Dinner Set.

I POSITIVELY GUARANTEE the safe delivery of each individual piece of China, and that the distribution of the Post Cards will be easy, simple and quick work. If found otherwise, the goods can be returned at my expense.

Send me your name and address today. Do not send any money. I will then send you the outfit, all charges paid. It will be only a few days until you have this grand collection of Empire China.

H. L. SIMMONS President 51 Factory Street, SPRINGFIELD, OHIO



Farmer BOY'S $1000.00

1,000 for a single ear of corn
5,000 smaller prizes

By the man who has given more prizes and more fine corn than any other man in the world. Get ready for the contest. All particulars and a big package of pedigree seed corn free. Address

WILL B. OTWELL, Carlinville, Illinois

MOVING PICTURE MACHINE

GIVEN FOR SELLING POST CARDS



This marvelous Machine shows pictures in motion the same as the very expensive machines used in theatres. With this machine you can entertain your friends and even make money giving exhibitions. We give this wonderful machine complete with films—63 VIEWS, for selling only 24 packages high grade post cards at 10c per package. SEND NO MONEY. Write for post cards today. When sold, send us $2.40 and complete Moving Picture Machine and 63 Views will be sent you promptly. SATISFACTION GUARANTEED or MONEY RETURNED.

ALTON WATCH CO., INC., DEPT. 848 CHICAGO

FREE Watch, Ring and CHAIN



We positively give free to boys & girls a beautifully engraved, American made, stem-wind, stem-set watch, proper guaranteed 6 years. Also dainty ring with three sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain. Satisfaction guaranteed or money refunded.

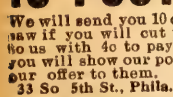
Dale Watch Co. Dept. 58 Chicago

ALL THE NEW SONGS & MUSIC 10c.



Put on Your Old Gray Bonnet, I've Got Rings on My Fingers, By the Light of the Silvery Moon, I Love My Wife But Oh You Kid, School Days, Baby Doll, Pony Boy, Honey Boy, Take Me Out to the Ball Game, I Wish I Had a Girl, When I Marry You, Red Wing. Big Book of all the Latest Song Hits War, Coon, Irish, Comic, Love, &c. Best and Biggest Collection of SONGS & MUSIC Ever Offered, also Big Cat. and List, a $ Due bill and a Gold Prize Ticket. ALL for ONLY 10c. COIN or 3 Lots 25c

ALL POSTAGE PAID BY US Samuel Cooper Co, Box 57 Horton, N.Y.



25c Value for 8c

Collar or Cuff Pins, in Solid German Silver or Roman Gold Finish, hand burnished, 25c. Send addresses of five ladies and we will send you a set of these beautiful pins for four 2c stamps. Write today.

BEST SILVER CO., Dept. 45 83 Chambers St., N. Y.

10 POST CARDS FREE

We will send you 10 of the prettiest post cards you ever saw if you will cut this advertisement out and send it to us with 4c to pay postage and mailing and say that you will show our post cards to your friends and explain our offer to them. D-223, NEW IDEAS CARD CO., 33 So 5th St., Phila., Pa.

BRACELET AND RING FREE



We positively give free a fine Adjustable Signet Bracelet, guaranteed 5 years, also a beautiful Stone Set Ring for selling 20 packs high-grade art post cards at 10c a pack. Order 20 packs, when sold send us $2. and we will positively send Bracelet and Ring. WELLS MFG. CO., Dept. B47 CHICAGO

ART & ETIQUETTE of COURTSHIP or Lovers Guide



Tells "How to Woo an Heiress," "How to Court a Bashful Girl" "How a Lady Should Manage Her Beau to Make Him Propose Marriage," "How to Catch a Rich Bachelor," "Love Letters," "How to Win the Favor of Ladies," "Wedding Etiquette, etc. etc. All subjects treated in a manner most helpful to Lovers. This Great Book sent Postpaid for only 10c., 3 for 25 cts., or 7 for 50 cents. Send coin or money order. Gem Co., Box 92 Horton, N.Y.

25 LOVERS' POST CARDS and NAME CARDS



The finest line ever sent out. (No two alike). Floral Mottoes, Friendship, Birthdays, Pretty Girls, Love Letters, Love Scenes, Escort, Acquaintance, Hidden Name and other new cards; also our Big Illustrated Catalogue and Premium List, all for 10 Cents. UNION CARD CO., B 73 Columbus, Ohio.

150 Gold Back Post Cards FREE.

Send 10c today for postage, etc., for our special samples plan, incl. Valentine & Easter. IDEAL POST CARD CLUB, Dept. 165, CHICAGO

120 New Design Post Cards FREE

Send 10c for postage, etc. for special sample set to introduce, including Val. and Easter Cards. LANGLEY CARD CLUB, Dept. 439 CHICAGO

VIOLIN FREE



This is a fine, handsome, clear toned good sized Violin of highly polished beautiful wood, ebony finished pegs, finger board and tail piece, one silver string, three gut strings, long bow of white horse hair, box of resin and FINE SELF INSTRUCTION BOOK. Send us your name and address for 24 packages of BLUINE to sell at 10c a package. When sold return our $2.40 and we will send you this beautiful Violin and outfit just exactly as represented.

BLUINE MFG. CO., 932 Mill St., Concord Jct., Mass

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

Since we closed this department for February 1, we have received more Cadet letters than ever before in the same length of time, and I have asked and been granted a little more space for them. But still there is not room for all. Also more names have been added to the Pioneer roll than ever before in two weeks. I am glad of this activity among the young people. The editors and publishers of Up-to-Date Farming are never so happy as when they have reason to feel that they are inspiring the young people to look up and work up; for we realize that the completion of the work to which we have devoted our lives and our means, depends largely upon them.

There has not yet been time to know how many of these progressive young people will take advantage of our great seed offers, and teach the farmers of their neighborhoods what may be done with improved seeds, and make some good money for themselves in what they grow from the seeds; but I trust the spirit of progress will prompt a great many of them to do it. We have been discussing a premium contest of some kind along these lines for our young people, but our plans are not yet matured, and, in fact, they can not be until we know about how many will take up the work.

We give you an unusual number of excellent letters in this issue.

I begin the letters this week with one from a young man who has had experience with people who are organized and feels the need of organization among farmers, and who appreciates the work of Up-to-Date arming.

DEAR CADETS: I am staying at present with a gentleman who takes Up-to-Date Farming and as I enjoy the Cadets' page so much, I decided to ask if you would admit an ex-Kansas boy to your columns. I used to be a coal miner, and while working at Pittsburg, Kas., I was impressed with the strength and unity of the United Mine Workers of America. At that time I supposed the farmers were as well organized as the miners, but when I came among them I found they were scarcely organized at all. And I wish right here to speak of Mr. Everitt. He is a pioneer in his line, and is doing more good at the present time than all the howlers there are; and he will come into his own before long, as the farmers are beginning to realize that they are between two millstones and will in time be crushed if they do not heed the warning of Up-to-Date Farming. (Gee, but I got off my feet for a minute; I can't help it when I think of the one-sidedness of farm life, and the lack of business in their methods.) I am 22 years old, have a jolly disposition, and would like to receive letters and cards from the older Cadets. I will answer all I get.—Carl J. Mathews, Roberts, Montana.

A Pennsylvania boy sees agricultural conditions much as does the above young man in Montana; which shows that the need of a change is felt all over the country.

DEAR CADETS: I can't help writing. I am a farmer's son, sixteen years old, and I live on a farm and like country life; but the farmers in our neighborhood are nothing but real dumpers. My father and I have told them that we should organize and hold our things, but they think it can not be done. But I know it can, and our neighborhood needs an organization, for the tobacco buyers and grain dealers are cheating them every year. But we are holding our things. We have our 1909 tobacco crop yet, and it is a fine crop ready for the cigar factory. But we can't make the price ourselves in our neighborhood. I think the growers ought to organize. Buyers are paying 9 to 10½, and rarely 11 cents for tobacco, and they make most farmers believe there will be no advancement in price. If the farmers would organize I am sure they could get their price. I see in Up-to-Date that Rev. E. Patton, of Mendon, Mo., wishes to help the farmers to escape the grafters and I trust he will succeed in his work. He is right when he speaks of children's day and mother's day, but how about farmer's day I hope the farmers will unite and be independent. I am only a boy, but I mean every word I say. I also trust that Almighty God will help Mr. Everitt till his task is done from sea to sea. I want sample copies of Up-to-Date to distribute among our neighbors, and I will try to explain it again. I am in earnest in this matter, and I would like to exchange cards and letters with all the Cadets, especially with those in the western states. I will answer all I receive. June 9 is my birthday, and I think I will get a post card shower.—Albert B. Young, Manheim, Pa.

The best thing you could do, Albert, would be to get your neighbors to subscribe for Up-to-Date and read it a year. They would be convinced before the year is out. See our great seed premiums. It is easy to get subscribers.

DEAR CADETS: I have been taking Up-to-Date Farming two years and I like the paper so well I have renewed my subscription and received twenty-five Valentine post cards that I am well pleased with. I live on a farm of 100 acres in northwest Texas, and I like country life fine. I would like to receive cards from the Cadets March 3, as that is my birthday.—Mattie Shirley, New Boston, Texas.

DEAR CADETS: As papa sends his renewal for Up-to-Date. I will write a little letter. I enjoy reading the Cadet letters. We live on 160-acre farm three miles from Bemidji and 2 miles from Nymore. Bemidji has a population of 5,100. I am 13 years old and go to Nymore school. About 200 children are in the school and I am in the eighth grade.—Marie Larson, Bemidji Minn.

DEAR CADETS: I am glad o renew my subscription to Up-to-Date, for I can not do without it. I live in the country, but I don't like Texas much. I will be 22 in April, and have been married twice, the first time, December 13, 1905, and the second time, December 18, 1910.—Lillie Marriott, Rice, Texas.

DEAR CADETS: I am a Pennsylvania boy 16 years old, and I live on a farm of 137 acres. My father is a preacher and is not at home. My mother, brother, 1 sister and myself are alone on the farm this winter. Three years ago we moved from New York, and we have 2 horses, 3 cows, 3 pigs and a drove of chickens. I have worked the farm myself the last two years. I read Up-to-Date Farming, and I think it is a splendid paper; and I like the old farm too. I have a nice cow and an acre and a quarter of ground on which I raise hay and grain for myself. I would like to exchange cards with the Cadets.—Milo Haines, Corsica, Pa.

DEAR CADETS: Will you give a North Star lad room? I have been reading Up-to-Date Farming for some time, and I like it just fine, especially the Cadet letters. I live on a farm of about 500 acres, and I like farm life. I am 18 years old, and I will



EASY TO EARN—Your choice of 150 premiums for selling our **Keystone Easy-to-Thread Best Quality GOLD EYE NEEDLES** at 5c a package. With every two packages we give **FREE** a **Silver Aluminum Thimble.** Send name and address. We send, postpaid, 24 needle packages and 12 thimbles with **LARGE PREMIUM BOOK.** When sold send us the $1.20 and receive premium entitled to, selected from premium list. Extra present **FREE** if ordered today. A post card will do. Address

Keystone Novelty Co., Box 646 Greenville, Pa.

IF YOU STAMMER



I will send you my 84-page book "Advice to Stammerers" Free. It explains how I quickly and permanently cured myself. Profit by my experience and write for free book and advice.

BENJ. N. BOGUE
1515 North Illinois St., Indianapolis, Ind.

STEM WIND & SET — WATCH RING & CHAIN FREE FOR SELLING POST CARDS

We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. WILLARD WATCH CO., Dept. 237 CHICAGO

STEM WIND & SET — WATCH RING & CHAIN FREE FOR SELLING POST CARDS

We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. WELLS MFG. CO., DEPT. 225 CHICAGO

CAMERA & COMPLETE OUTFIT



25c Takes pictures 1½ x 1½. A little gem. Sure to please. Leatherette covered camera and complete outfit of plates, paper, chemicals, &c. with complete instructions so any boy or girl can take GOOD PICTURES of landscapes, buildings, friends, &c. All sent for only 25c (silver) or 3 for 60c.

L DEN & CO., Sta. A, Indianapolis, Ind

WATCH, RING AND CHAIN FREE



Our American made, stem wind watch beautifully designed case, factory-tested, guaranteed for 5 years, and this latest style double heart signet ring are given to boys and girls for selling 20 packets of high grade art post cards at 10c a packet. Order 20 packets to-day. When sold send us $2.00 and we will positively send you at once the watch, ring and chain.

Palace Mfg. Co., Dept. 507 Chicago

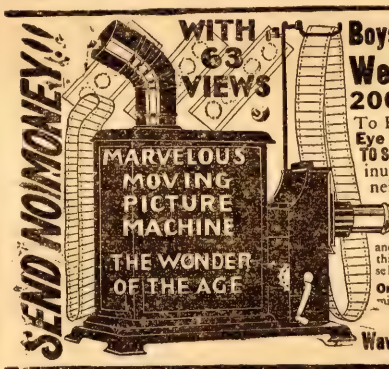
Ladies & Gents Watches FREE



We give all grades of Watches for selling our fine Art Post Cards at 10c per pkg. Order 20 pkgs. today. When sold, send us the $2.00 and we will send you an elegant 5 YEAR GUARANTEED WATCH, also a FINE SIGNET RING and a CHAIN, postpaid, as per our premium list. IT COSTS YOU NOTHING. Write us to-day.

BELMONT MFG. CO., Dept. 129 CHICAGO

SEND NO MONEY!!



Boys & Girls Make Lots of Money Giving SHOWS

We Give This Wonderful MOVING PICTURE MACHINE and other **200 PRESENTS FREE**

To Boys and Girls who sell our **New Gold-Eye Needles** at only **5 cents a paper. EASY TO SELL,** because you give **FREE** a silver aluminum thimble with every 2 packages. Your neighbors buy—you out in a few minutes.

WE TRUST YOU! Write plainly your name and address (use postal) ordering 25 papers of needles and 12 thimbles; we mail, postpaid at once. Sell—return our $1.25, selecting the Premium our Big 200-Book shows you entitled to.

Order today—extra prize for quick work. Big cash commission if you prefer

Earn All These Presents in a Few Days!



Waverly Supply Co., Box 255, Monongahela, Pa.

THE SURE HATCH IS MADE RIGHT



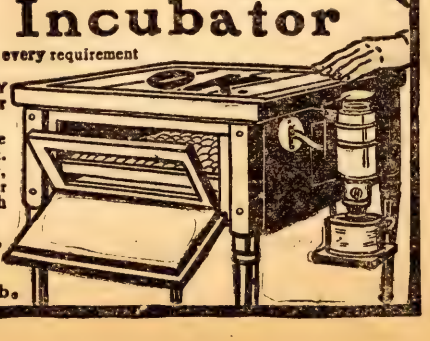
Uncle Sam never says how a thing ought to be made until he knows. Farmer's Bulletin No. 236 of the U. S. Dept. of Agriculture tells the right way to make an incubator and what features a good incubator must possess. The Sure Hatch contains every one of those features and is made exactly as Uncle Sam says an incubator ought to be made. The

Sure Hatch Incubator

is the only one on the market that unqualifiedly meets every requirement of the government. It's the one perfect incubator.

We will send you a Sure Hatch for a 60 DAY FREE TRIAL, pay the freight, and refund your money if you are not satisfied.

Send for Farmer's Bulletin No. 236, sent free by the Government. Send also for the Free Sure Hatch Book. Read the Government requirements of a good incubator, then read the description of the Sure Hatch Incubator and you will see why we guarantee the Sure Hatch to hatch every fertile egg.



Write for catalog. Early chicks pay best.

Sure Hatch Incubator Co., Box 28 Fremont, Neb.

answer all the cards I receive from the Cadets.—E. Anderson, Austin, Minn.

DEAR CADETS: I am an Iowa girl, and my papa is a farmer. We live 3 miles from town and papa takes Up-to-Date, and thinks there is no paper like it. I am 13 years old and have a piano, and am learning to play; my teacher is Nellie Beach. I go a mile to school, and there are 22 scholars in our school. I have not been skating yet this winter. I will answer all postals I receive from the Cadets.—Viola Anderson, Austin, Minn.

DEAR CADETS: I am a little girl 9 years old. I go to school every day and I study reading, language, spelling, geography and arithmetic. I have taken Up-to-Date Farming a year, and I think it a fine paper. I have one little brother 5 years old, named Edward. Papa runs a general mechandise store. He got me a nice piano andI am going to take lessons next summer. I would like to receive cards from the Cadets, and I promise to answer.—Dorothy Gatchell, Neuman, Kas.

Pauline Glanbitz wrote a nice letter, but gave no post office.

DEAR CADETS: I am enclosing a subscription for Fred Hendricks, Bluff City, Kas. I wish to be both a Cadet and Pioneer. (You are duly entered on both rolls, Minnie—Editor.) My brothr takes Up-to-Date Farming and we all like it fine. I am a country girl 18 years young, and I love the country. I don't think I would like to live in the city. I do all kinds of work, from plowing corn and driving the team to the hay loader, to playing the piano. I am a great lover of music and horseback riding. I've been to two skating rinks and had a fine time. I'd like to be a cowgirl away out west. I have been as far west as Kansas.

Say, Cadets, let us start the new year, 1911, resolved to believe in cleanness of thought, speech and habits. Some of the maxims I stick to are to cultivate cheerfulness, contentment, and self-control; to govern temper, tongue and conduct; to do your work as well as you can and be kind; make the hours shine, and then you won't have to wait for the shining hours; whistle and sing all day long. I can whistle like a bird; you just ought to hear me. I live 5 miles from a small town and about 60 miles from St. Louis. I go to Sunday school almost every Sunday, driving about 3 miles to get there. But I like to be jolly and cheerful. I would like to exchange post cards with all the Cadets, and I will try to answer all I receive.—Minnie Rademacher, Nokomis, Ill.

DEAR CADETS: I am fifteen years old, and live on a farm of 300 acres. I have lived on a farm all my life and I like farming very well. In summer I help papa and brothers in the fields. I like outdoor work. I enjoy handling horses. In this part of Kentucky we raise hay, potatoes, wheat, rye, corn, tobacco, and just lots and lots of sweet clover. We also raise horses, cattle, sheep, hogs and fancy poultry. My papa has taken Up-to-Date Farming for about 5 years, and we all like the paper fine. I enjoy reading the Cadet letters, and I would like to exchange letters or postals with the Cadets.—Nora Mardis, Falmouth, Ky.

Nora, please write for our farm department what use the farmers in your part of Kentucky make of sweet clover and how they treat it. Alfalfa will grow where sweet clover does.

DEAR CADETS: We have been taking Up-to-Date for some time and I certainly do enjoy reading the Cadet letters. I live in the country and think a lot of my "Home, Sweet Home." I have no sisters at home, but I have one brother, 22 years of age, and we have fine times together playing the violin and piano. I do not go to school this winter on account of my mother's poor health, but I study my books every night. We raise cotton and corn mostly. I work in the field, and like to pick cotton. I can pick 275 pounds a day. Our farm is about half a mile from Red River. I am 16 years old, and would like to exchange cards with the Cadets.—Odessie Barnes, Hastings, Okla.

DEAR CADETS: I will be 17 the 19th of February, and I would like very much to have a post card shower; I will answer all I receive. I take Up-to-Date and like it fine. I live on a farm, where we raise chickens, turkeys and geese; corn, tobacco, wheat and oats, and have several head of horses. Sister and I have a young horse, but we can't ride him yet. I have four brothers and one sister, and I'm the youngest. I enclose a subscription to Up-to-Date Farming for Will Grgory, New Concord, Ky., and I wish to be enrolled as a Pioneer. —Lucy Parham, New Concord, Ky.

DEAR CADETS: I have been reading your letters at my brother-in-law's on my father's 80-acre farm in Wells county, and I wish to become a Cadet of Equity. I am 16 years of age, and live on a 100-acre farm in Carroll county. The land is very productive here, and is valued at from $100 to $150 per acre. We have several good market towns within a radius of 4 or 5 miles. I would like to correspond with the Cadets, and learn from them how they live and what the products are in many widely separated places where Up-to-Date finds its way, and I enclose my subscription, wishing to become both a Cadet and a Pioneer. —Emerson Fetterhoff, Oakley, Ind.

DEAR CADETS: I am 21 years old and live in the country. We take Up-to-Date Farming, and I like to read the Cadet letters very much. I was born in Handin county, Iowa, but moved here six years ago. My papa died when I was a baby; but I have two brothers and two half brothers and two half sisters. I would like to receive letters and postals from the Cadets.—Martha Walters, Mountain Lake, Minn.

DEAR CADETS: I am a Pennsylvania girl, 17 years old. Father takes Up-to-Date, and I certainly do enjoy reading the Cadet letters. So I thought I would write and become one myself. We live on a farm of about 200 acres, but we will move in the spring, perhaps near the first of April, to a farm of 190 acres my father has bought. My address will then be Newport. We have four horses and seven cows. My birthday is April 29, and I would like a post card shower from all the Cadets, of views of the state in which they live, and I will answer all I receive.—Margaret Seiders, Millerstown, Pa.

DEAR CADETS: As I wish to become a

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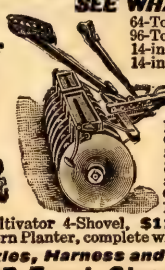
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Cadet and also a Pioneer of Equity, I will send my subscription for one year. I have read the paper for nearly a year, and think it is just the thing for a farmer. I am a farmer's daughter, and live 3½ miles from Elkhart, a nice little town. I will be 17 years old February 23, and we have a beautiful place to live; we can see the railroad and street cars from here. We raise grain and a great variety of vegetables in this part of Indiana. We have very pleasant weather and no snow January 23. We also raise many chickens and hogs. We have 3 horses and 2 cows. I would like to hear fro mthe Cadets who are near my age and older. Wishing success to all who are working for the Equity System.—Anna Tavernter, Elkhart, Ind.

DEAR CADETS: I am 18 years old, and live in the country about a mile west of Goddard, on a little farm of about 60 acres that belonged to my father, who has been dead 5 years. I earn my own living, and had to stop from school. I have been a reader of Up-to-Date but a short time, but I think it is just grand; I enjoy reading the letters so much. I wish to exchange post cards and letters with the Cadets, and will answer all I receive.—Eva Gooding, Flemingsburg, Ky.

DEAR CADETS: I am a farmer boy, and live in Ellis county, Texas, about 5 miles from Italy, my post office. I am 17 years old, and live on a farm of 100 acres. I have one sister living with me and papa, and a married sister who lives in Alabama. My mother has been dead eleven years, and I have been over a large part of the world. I have been in six different states, but I like Texas best of all that I have seen. I think I will go north and see how I like it there. I have been taking Up-to-Date for about a year, and I think it a fine paper. I have renewed my subscription for another year. I have been reading the Cadet letters for a long time, and I would like to be a Cadet, and get cards from some of them, all of which I will answer.—Horace Richards, Italy, Texas.

DEAR CADETS: I am 15 years old, and I live in the country on an 80-acre farm. I have three sisters and five brothers. I am not going to school this winter, but I am taking music lessons. I have an organ and can play very well. We take Up-to-Date and I enjoy reading the Cadet page. We have 3 horses, 9 head of cattle, and about 130 chickens. We rase corn, hay, potatoes, oats, and a little fruit. It is nice weather here January 24. We have a little snow, but it is not cold. I would like to receive cards from the Cadets all over the United States, and will answer all I receive. —Helen Zastrow, Merrimac, Wis.

DEAR CADETS: I am an Illinois girl, 17 years old, and live on a 20-acre farm in the central part of the state. We raise garden truck, and corn and alfalfa and some fruit. When I read the Cadet letters I am glad mother subscribed for Up-to-Date Farming. We have two horses, one cow, a calf and some chickens. I am going to school now, but I expect to graduate next spring. I don't want any Cadet to overlook me, and I'll answer all the cards I receive.—Minnie May Crawford, Peoria, Ill., R. R. 4.

DEAR CADETS: I am a farmer's 14-year old girl, and I live in glorious old Maryland. We live on a farm of 100 acres, and raise corn, wheat, oats, rye and barley. We have a nice orchard, and a meadow about a mile long and a beautiful stream flows through it, making the farm pretty. In the spring we plant a garden, and have vegetables all summer. We have 2 horses, 2 mules, 1 colt, 20 cows, a lot of calves, chickens, guineas and turkeys. I can milk cows, feed pigs, and do other work. I have 5 sisters and one brother. He takes Up-to-Date, and oh! isn't it a nice paper? I enjoy the Cadet letters. My oldest sister is 18 and my youngest is 2 years old. I am in the eighth grade at school, and like literature. My sister Bessie goes to high school, and will finish next year and become a teacher. My birthday is April 3.—Rosie Kilby, Bel Air, Maryland.

DEAR CADETS: We take Up-o-Date and think it is a very fine paper. I am a New York boy 14 years old and go to school. We live on a farm of 100 acres, and keep 20 cows, 2 horses and 30 hens. I have lots of fun with my friend Charles W. Ploutz, who is a year older than I am; he thinks he will take Up-to-Date soon. I would like to receive post cards from friendly Cadets.—Earl Shout, Vergo, N. Y.

Why, of course, Earl, get your friend to take the paper, and that will make you a Pioneer of Equity, and you will get some beautiful cards, besides. You can divide the cards.

DEAR CADETS: Tonight on returning home from school, I found waiting beside my other mail a copy of Up-to-Date. I knew what was waiting to be read inside, and so I hurried to the Cadet letters. They were all great, and now I offer mine. I am a girl of 14, a New Yorker, and as is usually the case, think very highly of my own State. I attend Adams high school, just beginning my second year in academic work. This is surely a fine school, and Adams is a grand old place. I have 3 brothers, Earl, Roland and Bert, all older than I. Earl is in his fourth year in college, Roland is in the State of Washington, and Bert is at home. I am much interested in Nellie Tipton, and I believe I will try to help her. From her letters I have formed a very sweet image of her, and I would like to see her. Gladys Garlock, my friend and schoolmate, is also interested in the Cadets. She is a very beautiful girl, and I think a great deal of her.—Gertrude Dewey, Adams, N. Y.

DEAR CADETS: I think it a nice thing to keep in touch with young people all over the United States through the columns of so good a paper as Up-to-Date Farming. I am a boy 16 years of age, living with my

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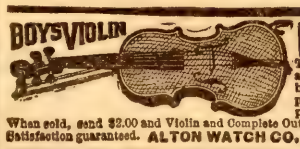


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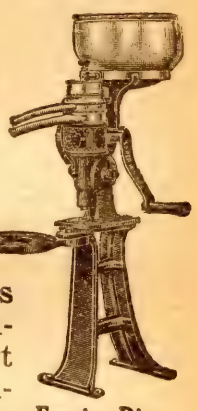
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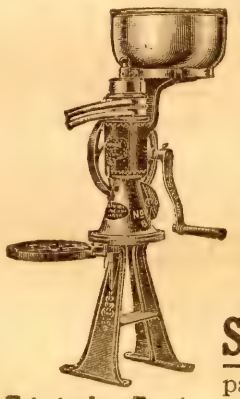
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parents or a farm among the Blue Ridge mountains of Virginia, and I think the farm is the very best place for boys and girls. But I would like farm life much better if the farmers of this part of Virginia were united. I like it better even as it is since we subscribed for Up-to-Date. Up-to-Date is the best farm paper I know of. It teaches farmers how to make more money out of them and also to knock out the trusts and combines that are making more than twice as much as the farmers make. We should feel grateful to the Creator for enabling such a man as Mr. Everitt to thus help the farmers in his valuable paper. We must all have a place in our hearts for Nellie Tipton, and ask God's richest blessings to abide with her, and all who are afflicted as she is. Hoping both Cadets and Pioneers will some day be powerful in uplifting the farmers.—C. Lewis Cuneo, Bedford City, Va.

DEAR CADETS: I am a girl from the Empire State, and I will be 15 February 28. I have lived on a farm for nearly three years. We came from the Keystone State in the fall of 1908. Our farm is situated between Lake Erie and Lake Chatauqua, and it is pretty windy here sometimes. There was five feet of snow on the ground January 15, but there is not much left now, January 20. This is a grand place in the "good old summer time." We can count 33 houses from our house. We have 2 horses, 5 cows, 3 calves, 5 pigs and a colt. Papa hauls milk to the condensary at Sherman in the morning, and does our farming in the afternoon. The apple crop here last fall was an entire failure. We raise oats, corn, barley, hay and garden truck. I attend district school, and expect to enter high school next fall. W have taken Up-to-Date Date since last summer, when I got 5 subscribers for it, and we like it very much. I would like to correspond or exchange cards with any of the Cadets.—Kathryn Shaffer, Sherman, N. Y.

Now, I have given you more, and I believe better letters than ever before appeared in one paper, but still there are some received since last issue crowded out.

MORE LETTERS AND CLUBS FROM NELLIE TIPTON

Our dear little cripple Cadet and friend of Maryville, Tenn., is still getting subscribers for Up-to-Date Farming. January 21 she sent us a club of four, and four days later she sent a club of five. She accompanied these clubs with two beautiful letters, which we condense into one, as follows:

DEAR CADETS AND FRIENDS:

I now have $32 on my piano fund, for which I thank you all more than I am able to tell you; and also to Up-to-Date and its many good hearted readers. They have started a happy life for me.

So many new friends have asked me, I will have to tell again of my affliction, I will be 13 years old March 24. In September, 1905, I was paralyzed from the waist down. Though we have tried all kinds of doctors and remedies, I am no better now than when I was first stricken, and the doctors all say I will never walk again. Still I find my life is happy, and my path promises to be full of roses. I have a talent for music and can play the violin, but I can not play the organ on account of the paralyzed condition of my limbs. But I can play the piano, but my parents are not able to buy me one. Hence, some good Cadet friends started a piano fund for me, which has grown to $32 as mentioned above.

Yes, I enjoyed Christmas fine at home with papa and mamma, and one sister 15 years old and two little brothers. I was glad we were all at home well and happy. I received a lot of presents, but my mail and a nice basket of Christmas things by express from Boyce Bailey, was the more important. I thank you all for the dime shower; it made my fund grow. I have letters and cards from 45 different states, and they all praise Up-to-Date. It is a pleasure to me to get subscribers for that good paper. It has made my sad and lonely life a life of true pleasure. I owe my happiness to the printing of my letters in the Cadet page; so I intend to still get subscribers, and scatter sunshine in that way.—Nellie Tipton, Maryville, Tenn.

Nellie has a splendid picture of herself which she will send to ony one for 25 cents, the money to go into the piano fund. She sends us the following letter, the writer of which sent her $1.80 for her fund.

DEAR FRIEND:

I am a reader of Up-to-Date, and was interested in your letters. I am very sorry for your misfortune, and hope you will get your piano soon. I have an organ and am a lover of music. I live on a 30-acre farm in western New York, and have four children, two boys and two girls.—Burton Curtis, Great Valley, N. Y.

Looking Forward to Seed Time

The largest evergreen nursery in the United States is owned by D. Hill Nursery Co., Dundee, Illinois. They have over fifty million trees and make shipments to all parts of the world. Drop a postal to D. Hill Nursery Co., Box 217, Dundee, Illinois, and get a copy of their beautiful illustrated catalog.

If you raise potatoes send for book telling how to get the largest profit from this crop. Write Aspinwall Mfg., Co., 427 Sabin St., Jackson, Mich.



The One Advanced Car

at the National Automobile Show

All the 1911 models of the leading automobile manufacturers were exhibited in New York at the madison Square Garden Show.

It is notable that, with one exception, the cars shown are practically the same as those displayed by the same makers last year and by some even two years ago.

There has been little advancement or improvement in that time in automobile construction or design.

The one exception and the one advanced car for 1911 is the HUDSON "33."

It is so startlingly simple, so surprisingly generous in quality, size, beauty and value at its price, that it was the sensation of the show and is the most talked about car of the year.

The first day dealers exhibited the HUDSON "33" in all the various cities where it is sold, orders for 687 cars from individuals were received.

Three quarters of a million dollars worth of automobiles of one make, sold in a day!

Before a single model was shown, dealers had contracted for our entire year's product. They had full confidence in a car they had never seen because they knew that Howard E. Coffin, its designer, builder of four famously successful makes of automobiles, had never failed to produce the most advanced type of car of its time. Therefore they staked their business future and hundred of thousands of dollars upon their confidence in the HUDSON "33."

The soundness of their judgment and confidence was demonstrated at the National Automobile Show, where a close comparison of other leading cars was made at first hand by leading automobile engineers and thousands of automobile owners. The wonderful value of the HUDSON "33" is also conclusively shown in the daily performance of the car in the hands of hundreds in every section, to whom deliveries have already been made.

Warning to All Interested in the "33"

Only a limited number of HUDSON "33's" can be manufactured by June 1.

Thousands have already placed and secured their orders by deposits.

Dealers want more cars. Their allotments cannot be increased. Some will have to accept fewer cars than they will want.

All individuals who will want HUDSON "33's" cannot be supplied. Orders that are delayed will have to go unfilled.

All makers will experience a greater demand for cars in May and June than they can meet.

The six leading makers of moderate priced cars have been rushed for deliveries for the past two months. There has not been a time since the first HUDSON "33" was shipped that we have not been weeks behind the demand.

Such is the reward paid the *one advanced* car of the year.

Do not look upon this claim as advertising bombast. You can easily verify all that is said by examining the HUDSON "33." You can see the car in almost any section. Go look at it. That will entail no expense or obligation.

If it meets with your idea of what a car should be and you conclude it is the one you want—order at once. Specify when you will want delivery. Delay may mean disappointment.

Touring Car—$1250
Pony Tonneau—$1300
Torpedo—$1350

Equipment includes three oil lamps, gas headlights, generator, tools, etc.
An extra equipment including Strathmore Mohair top, Prest-O-Lite gas tank, Bosch Duplex ignition system, with famous Bosch high-tension Magneto, $150.

Write for details, but go see the HUDSON "33" at any HUDSON dealer's.

See the Triangle on the Radiator

HUDSON MOTOR CAR COMPANY

5093 Jefferson Avenue, DETROIT, MICHIGAN

ODD MENTION

Many farmers can profitably invest in a cement tile making machine for their own use alone. Besides it is a good profitable business to make tile for neighbors. Machine quickly paid for by what it does on any farm. Send for book on drainage every farmer should have. National Engineering and Machinery Co., 940 Monon Bldg., Chicago.

Every added bushel you get per acre is that much more profit. Same labor, same seed, same ground will often produce 5 to 10 bushel more per acre with proper planting. Write Paul B. Keller, Waterloo, Iowa, who has a simple little method of planting each grain at exactly the right depth. This is one secret of big yields. Tell him you saw this notice in Up-to-Date Farming.

If you want an up-to-date plow, one that is guaranteed, made and sold direct from the factory at wholesale prices, write to the Hapgood Plow Co., Box 816, Alton, Ill. Their catalog you should have. Send for it.

Post holes are easily dug with an Iwan Post Hole and Well Auger. Works like an auger. Quick, easy, good and costs little. Write to Iwan Bros., Box 31, South Bend, Ind., for full particulars free.

Of course you will take Orchard Editor Hamilton's advice and spray this year if you never have before. You should have the proper spraying outfit, saves work, trees and insures best results. Write for catalogs from these two: Hardie Mfg. Co., 942 Mechanic St., Hudson, Mich. Also H. L. Hurst Mfg. Co., 492 North St., Canton, O.

Before you build a house or barn or make any extensive repairs be sure to write to Gordon-Van Tine Co., 2383 Case St., Davenport, Iowa, for prices on all materials. Buy direct from the factory, at wholesale prices. We have used Gordon-Van Tine Lumber and millwork and know it is first-class.

Don't allow stumps to occupy your good land. Every stump costs more money each year in land wasted than it would cost to pull it out. Get rid of them easily with a Hercules Steel Stump Puller. Write to the Hercules Mfg. Co., 160 17th St., Centerville, Iowa, for 30 day free trial offer.

A big farmer said there were three machines every farmer should have because they mean more money in the farmers pocket. They are a cream separator, a manure spreader and a silo. When it comes to cream separators we suggest that you send for catalog No. 187 to the Vermont Farm Machine Co., Bellows Falls, Vt. The U. S. Separator is a good one and one of the leaders.

WE GUARANTEE A SQUARE DEAL to all who trade here—write our advertisers. See guarantee of advertisers in this issue.

PERFECT HAIR If you have lost or are losing your hair, if troubled by dandruff or gray hair, let us send you large illustrated Treatise, FREE. Koskott Laboratory, 1269 Broadway, 434 C, New York, N. Y.

Don't Wear a Truss

FREE TRIAL OF PLAPAO

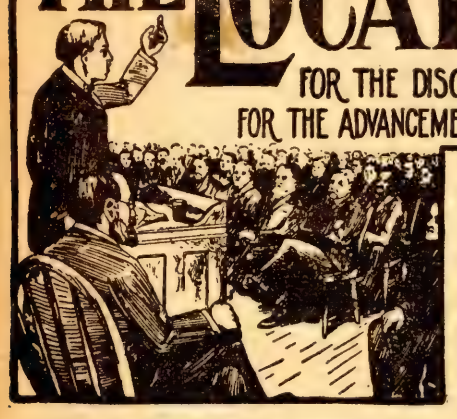
STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

Address—PLAPAO LABORATORIES, Block 59 St. Louis, Mo.

When writing to Advertisers don't fail to Mention Up-to-Date Farming

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressixe ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



here. It is a demand of the Farmers' Society of Equity is shown for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

"Eat less or grow more."

—o—

This is what Representative Moss, of Indiana, is reported to have said when speaking of free trade for Canadian crops into this country.

—o—

(1) "Our population is outgrowing, not the productive capacity of the soil, but outgrowing the productive capacity of the generation of farmers. The inevitable result is the suggestion "eat less or grow

—o—

That is what Mr. Moss said.

And he is in favor of the treaty. He sees in the flood of food products from Canada to the United States a solution of the high cost of living problem and the cure for many other evils. We quote more from his pen, as follows:

(2) The people of our country for fifty years have been paying high prices for clothing and manufactured articles. (3) We have worn shoddy clothing, which has been patiently darned and patched; old tools have been used because high prices forbid the purchase of new ones. * * * (4) There is a strong appeal now going out to the farmers to organize and defeat the legislation, because it reduces the tariff duty on farm products. (5) Food trusts, elevator combines and grain gamblers will find their profits reduced and the chance of manipulating prices taken away. (6) There will be a stop to raising prices on food products. (7) School children in our large cities will be better fed, (8) and no intelligent, industrious farmer need fear for his own household. (9) He can walk to the polls with pride and, having done his duty to feed and clothe the world in plenty and comfort, can demand that selfishness give way to fairness in all lines of legislation and that the whole country be recognized instead of a few of our citizens, when we frame the tax laws of our nation.

—o—

At the risk of making this too much of an anti-free trade number we will attempt to show the falsity of Mr. Moss' position and the weakness of his logic as it refers to the benefits that will result to the United States farmers, or any other class of our people, unless, we except the speculators, food trusts and storage combines, which he predicts will find their vocation gone. (Numbers that follow refer to same numbers in the quotations above.)

—o—

(1) This is certainly false, or why the cry of overproduction as the reason for the low prices on the 1910 crops? The department of agriculture has reported the 1910 crops as the greatest in volume the country ever produced. They are selling about 20 per cent lower than the past three years' average, which would indicate that the demand was fully, or reasonably well supplied. Besides, there are many millions of bushels of crops held by middlemen, that the demand has never called for. If our population has outgrown the ability of this generation to produce, why all of this enormous supply in elevators; and potatoes and cabbage and other crops that the producers are positively unable to sell at prices that will return the cost of production and freight to market? But if what Mr. Moss said is true, and our population has outgrown the ability of the present farmers to produce, will he contend that our farms are producing their maximum? And will opening the flood gates of Canada's resources in farm produce increase the ability of our farmers to build up their yields—do more intensive farming? The only answer must be a negative one.

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(2) Whatever of this is true can not in justice be charged to the farmers while the manufacturers will retain part or all of the tariff against Canadian manufactured goods. Besides, Canada is not a manufacturing country and the object of the treaty is not to supply the citizens of the United States with cheaper clothing and tools, but to enlarge the market for the products of the United States factories and mills. The proposed treaty is spoken of as a reciprocity treaty. The definition of reciprocity (Webster's) is: "Reciprocal obligation or right; equal mutual rights or benefits to be yielded or enjoyed; mutual action and reaction." The element of reciprocity we see in this proposed treaty is to trade our farmers' present protection against a practically free market in Canada for our manufacturers. In other words, our farmers gain nothing and are robbed of the protection they enjoyed for years, while our manufacturers gain the Canadian markets and lose nothing that they had, because Canada is not a manufacturing country and can not supply our market with clothing, tools, etc., because she has not got them. Between nations this may be called a reciprocity treaty, if it is consumated, but between two great classes of our own people it is not. It is proposed to crucify one class that has always had a hard struggle so that another class which has usually reveled in prosperity, may add to its great wealth.

We believe that reciprocity, like charity, should begin at home.

—o—

(3) We have yet to learn how any relief is to be expected through this treaty.

—o—

(4) Farmers have always been exploited by other classes, sometimes legislated against for the benefit of other classes. But beware of pushing the exploitations too far if you want them to remain unorganized. We sometimes think that perhaps the best thing that could happen would be the enactment of the proposed treaty into a law, when we predict the value of all farmers assets, including land, will shrink from 25 to 50 per cent in a short time. Such a calamity might force them to organize to reinstate their products on the protected list, when they turned a deaf ear to pleadings and evidence of losses through lack of co-operation.

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(5) On the contrary the enactment of such a law will do more than anything else we can conceive of to benefit every middleman, speculator, gambler or storer of farm crops. These people want great quantities produced, as their rake-off is based on the units handled regardless of the prices received by the producers, or the prices paid by the consumers. You may think it would be a hard blow against the storage combines but even here the hoped for abundance would be to their advantage. Suppose the supply of butter, eggs, poultry and fruit was enormously increased by adding Canada's supply to ours, how easy and simple it would be to put prices so low in seasons of great production, at country points that the surplus will be allowed to spoil and only a moderate quantity be stored. Then the owners will have the same power to force prices up between the harvest seasons as they have now. This is not a new trick as every producer of perishable produce knows.

(6) (7) Prices may be lower to the consumer, and doubtless will be. But it will not come off of the middle class, but off of the producer. There is nothing in this proposed treaty to eliminate one middleman, close one toll gate, reduce transportation charges or storage rates. Absolutely nothing. If every farm commodity falls 25 per cent to the consumer it will cost exactly the same between the producer and the consumer but the first owner, the farmer, will lose exactly what the consumer saves. If our farmers were getting too much now we would say "Amen" to a reduction. But if the high cost of living is to be remedied by taking part of what the farmer gets now we will fight against the proposition as long as we have life.

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(8) (9) We predict that any farmer who supinely permits this proposed outrage to be committed will be ashamed of himself before his own household. If he permits, without a protest, this treaty, that trades his freedom and independence away to further enrich a class that has been making its millions while he made hundreds, to be entered into he will despise himself until he has the opportunity to walk to the polls and register a vote of

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OUR COUPON

Our contest is every farmer's contest. You, subscriber, can help us and help yourself by sending the names of friends WHO RAISE CROPS TO SELL and who are farming to make good profits, We will send them a sample copy of UP-TO-DATE FARMING, and a letter. Send only heads of families.

Don't think that this will take the place of that club we are looking for from you. You better get **all your neighbors to subscribe,** and below send the names of acquaintances that you can't see. This is the way to start the movement for profitable prices **in all parts of the country at once.**

Write perfectly plain.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Ind.

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protest, and there is returned to him what every other class of our people continue to enjoy, viz., reasonable protection of his industry.

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This proposed Canadian law is the most important question that has confronted farmers in a hundred years. The proposition must be defeated if that is possible. Judging by the news from Washington no time should be wasted. We believe every reader of this paper should file a protest with his representative and senator. Write a letter. Or, if you think you can not file a stronger protest than this paper contains, then send for copies and mark this page, and the editorials on page 3 and the first question and answer in the question box and mail the paper. You are permitted to mark the articles and write on the wrapper "marked copy," and mailed it for one cent. When you mail it also mail a letter stating what you have done.

—o—

If you want papers use this coupon and remit 2 cents each, or 25 copies for 25 cents.

UP-TO-DATE FARMING,
Indianapolis, Ind.

Enclosed is ..... cents. Please send ..... copies of February 15 number to

Name .....

Address .....

ORDER YOUR CAR

THERE is a prevalent opinion over the country that farmers can not get cars to ship their produce in, that the only people who can get cars are the established shippers.

This is a mistake. We want our readers to understand that whoever has anything to ship is entitled to a car, if ordered in usual way. Don't be bluffed. When you want a car make out a written order and hand it to your agent. There may be delay sometimes, but if you find that your order does not have the same consideration as anybody elses, or if it is not filled in its turn tell the agent that you will not stand for any discrimination. If this is not sufficient, then report the case to headquarters and we will take it up with the head office of the railroad company interested, and the interstate commerce commission.



This column is for members and subscribers. Use it to ask any questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *If congress confirms the Canadian-United States agreement, as submitted by the joint committee and recommended by the president, what effect will it have on United States agriculture.—Many Inquirers.*

ANSWER: See editorial page 3. In addition to that we will say that it will have practically the same effect on farming in this country as if a new farming district would be found in our northwest equal to the area of Iowa, Minnesota, Nebraska and North and South Dakota, or approximately that size, and this new territory was all ready for the plow, and seed, and railroads to haul the wheat, oats, barley, live stock, etc., to our markets as rapidly as it could be produced.

Many of our readers can recall the experience of farmers in the old states in the 1870's, 1880's and 1890's, while our Western and Northwestern States were being settled and brought under cultivation. Now that our land is practically all occupied, and our farmers are getting ready to practice intensive farming, rather than extensive farming, and at a time when they positively must be to extra expense for fertilizer to restore the fertility in the soil, it looks to use that to break down the tariff wall between Canada and this country, will be a calamity that will stagger not only agriculture, but every industry that depends on the farmers for a market.

Q. I can not get along without your paper. This part of North Dakota is settled largely with Russians. One-half of them can not read or write any language, the other half can read and write German. I would like to know whether you print Up-to Date Farming in the German language and whether you have German literature of the Farmers Society of Equity, as it would be a great help in this community. —B. E. Evans, Evans, N. D.

A. We have not got literature in German or a German paper now. It is our intention to print everything in the German language just as soon as we can afford to do so.

Q. 1. How much duty is charged on wheat, corn, oats and hay from Canada to the United States, and from the United States to Canada. 2. What is the price at present in Canada of wheat, corn, oats and hay, beans and clover seed. 3. If this treaty is ratified by congress and becomes a law, will it damage the American farmers very much. 4. As our sugar factories always dock us unfairly from four to eight per cent test below the mark, is there any chance to send our beets to Indiana or Illinois? 5. Will you name some sugar factories in different states which are not in the trust?—M. J. Arnold, Bay City, Mich.

A. 1. Grain from Canada into the United States; wheat 25 cents a bushel, corn 15 cents a bushel, oats 15 cents a bushel, hay $4.00 a ton. From the United States into Canada; wheat, 12 cents a bushel, corn free, except it is sent into Canada for the purpose of distillation, when the duty is 7 1-2 cents a bushel; oats 10 cents a bushel; hay $2.00 a ton.

2. We have no way of knowing the price of the different articles in Canada now.

3. Please read answer to question above and an editorial in this issue.

4. The freight on beets would prohibit you from sending them to a distant factory. It would not be practical.

5. We can not answer the question, but believe all of the sugar beet factories cooperate in making contracts for growing beets and manufacturing and selling.

Q. I note in Up-to-Date Farming where you offer to help farmers sell their crops in the best market. We raise tobacco here and it seems that there is no price for tobacco in this neighborhood, or at least the buyers have met and set the price on Burley tobacco at less than one-half what the same kind of tobacco sold for last year. I have only 1,600 pounds of Burley tobacco this year, but I don't like to give it away at their price. Last year we got 10 to 12 cents, but this year the local buyers are offering only 3, 4 and 5 cents.

I am very much pleased with Up-to-Date Farming. I take several farm papers, but yours is the best of all. I would not be without it any more, as it is worth many times its cost.—Alvin R. Strauch, Clarington, Ohio.

A. Marketing tobacco is peculiar, and we are not sure that we can be of much service to you, but have sent the Directory of Equity System, and advise you to write to some of the representatives and get permission to send a sample of your tobacco. Perhaps they can sell it direct to the manufacturers. The tobacco growers must organize again, as we had them organized a few years ago, before the conspiracy of 1907.

Q. I believe I am the only member of the Farmers Society of Equity in this section. I have 2,500 bushels of wheat which I must sell by the first of June or before. I want to sell it through the Equity System if it can be of any advantage to me. Please advise me whether you recommend holding the wheat a while or to sell it at present prices?

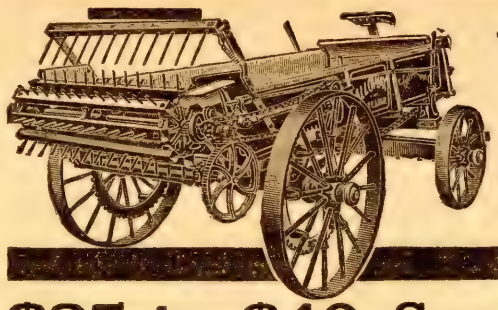
I think the Farmers' Society of Equity is the only correct Society for farmers and the Equity System is the only practical system for marketing our crops. I have read Up-to-Date Farming since 1906.—F. J. Folkerts, Timken, Kas.

A. We do recommend you to hold your wheat and not sell at the present prices. Also, when you get ready to sell, be sure to let us know and we will tell you where the best market is and give you shipping instructions. The future price of wheat is uncertain, as it is uncertain whether congress will ratify the proposed treaty with Canada. If it does not, we are sure that the price of wheat will go higher. If it does, we are not so certain.

Q. I am holding my crop of potatoes for 50 cents a bushel. Do you think I will get it?—Henry Bender, Pentwater, Mich.

A. If you mean 50 cents a bushel at your station, I fear that your ideas are too high. We do not expect potatoes to sell that high this season, although we have frequently observed that when potatoes were cheap all through the year, there came a scarcity before the new crop came and prices went very high. There must be an element of uncertainty about the future as long as the growers are not organized to report their supply. Our advice has been to market gradually.

If You Can Think of a Fairer Proposition



Write and Tell ME, and I Will Put It in My Next Advertisement

$25 to $40 Saved On a Manure Spreader

IF you answer this advertisement and get my SPECIAL PRICE PROPOSITION, I believe we can make a deal on a MANURE SPREADER.

I want to make a bid for your order. To do business with you, I know that I have to go high on quality in the Spreader. and low on my price. That's because I am selling my machines by mail. If I charged anywhere near as high prices for my Spreaders as local implement dealers charge, I wouldn't be able to do any business, because it's natural that people want to trade near home, *providing they do not lose money.*



But the question of quality and price is just where I come in. I make the highest quality Standard Manure Spreaders on the market, in several sizes. I prove this quality claim by shipping my machines direct to farmers anywhere on from 30 to 365 days' free trial. I make the prices low. Of course, I have to make them low to do the immense amount of business I do in my way, but that is not the only reason why I can make such low prices. One reason is because I manufacture such a vast number of spreaders, more than any one other manufacturer of my kind in the world. Another reason is that I have a large factory, and it is equipped with the latest improved, expensive, automatic machinery.

Possibly I could charge you $15 or $20 more than I will charge you, and still get your order. But that's not my way of doing business. I haven't built up the largest Spreader business in the world on that plan. I simply have my expert figurers give me the actual cost on Spreaders in twenty, thirty or forty thousand lots, then I add a small manufacturing profit to each spreader and let it go at that.

Why not sit down and answer this advertisement and let me make you a proposition. My Spreader Book, Special Proposition, and Special Price will make you do some tall thinking, no matter where you buy.

If you feel that you cannot spare the money for a spreader this year, I'll send you the Spreader and wait for my money, any reasonable length of time for any responsible farmer. Pay me after my Spreader has paid for itself to you several times over in actual work.

That sounds rather fair, don't you think? I allow 30 to 365 days' free trial, give a binding guarantee in writing, any reference as to responsibility that you can possibly ask for, sell for cash or on time to suit your convenience, and guarantee to refund every cent of your money including freight, if your Spreader is not all that I claim it to be and more. I can't think of any fairer proposition. If you can think of one that's more fair, write and tell me what it is and I'll put it in my next advertisement.

It will take you about two minutes to write a postal card, say: "Galloway, tell me all about your Spreader Proposition. Send me your books, printed matter and full particulars, together with special proposition and special prices."

Why not get such a postal card in the next mail or send coupon below? Address:

WM. GALLOWAY, President
The Wm. Galloway Company 509 Galloway Sta., Waterloo, Iowa



FREE —Coupon Use NOW

Wm. Galloway Co, 509 Galloway Sta., Waterloo, Ia.
Galloway: Please send me free and postpaid, your Manure Spreader Book , Engine Book , Cream Separator Book , (check book you want). Also your big money-saving offer on article checked.

Name .....
Town.....
R. F. D. ..... State.....

—WORKS BOTH WAYS—

If you will mention this paper every time you write an advertiser even tho' you see the announcement in some other paper also it helps us. In turn we can make a better paper to benefit you. "Every little bit helps." Will you?

LEARN THE BARBER TRADE



IT'S EASY! POSITIONS WAITING

The OLD MASTER now supplanted by the MOLER GRADUATE who is as carefully prepared as a Doctor. Good wages after few weeks. Our manual for home study Established in 1893. 33 branches all leading cities. For information regarding any one, write Dept. 11



Moler System of Colleges CHICAGO ILL.

New Rupture Cure

Don't Wear A Truss



Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions.

Binds and draws the broken parts together as you would a broken limb.

No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

CATALOGUE FREE

C. E. BROOKS, 389B Brooks Building, Marshall, Mich.

MUSIC LESSONS FREE

At Your Home. Write today for our booklet. It tells how to learn to play Piano, Organ, Violin, Mandolin, Guitar, Banjo, etc. Beginners or advanced pupils. AMERICAN SCHOOL OF MUSIC, 28 Lakeside Bldg., Chicago, Ill.

OUR FLORIDA LETTER

J. H. Harpster, Organizer, Bradentown, Fla.

MANATEE county is situated about the middle of the state, north and south, on the west or gulf coast. It contains 788,500 acres, divided as follows: 550,000 acres pine land, 155,000 acres prairie, 35,000 acres hammock, 2,500 acres muck and 51,000 acres in keys and islands. Of this vast area there is, according to the best authority, about 12,127 acres in cultivation. The balance is open range.

The shipments and price obtained for agricultural crops from this land, last year, and the money received for it are as follows:

	Cars	Crates	
Citrus Fr't	1,250	400,000	$750,000
Celery . . .	700	245,000	367,000
Lettuce . .	1,400	560,000	560,000
Cabbage . .	100	24,000	36,000
Tomatoes .	500	200,000	300,000
*Misc. . . .	500	25,000	250,000
Total			$2,253,000

*Miscelaneous—Such as Cucumbers, Mellons, Egg Plant, Beans, etc.

This was from 12,127 acres of cultivated land, or an average of $186.60 per acre. Also this is for one series of crops, as vegetables. Growers usually grow two and sometimes three crops a year on the same land. Then they also cut two tons of crab grass hay to the acre.

This may seem impossible, but there are records of $2,500.00 worth of lettuce being sold from one and one-half acres, and of $15,000.00 net from forty acres of mixed garden crops. I am told that Manitee county is the largest producer of vegetables of any county in the state of Florida.

With such a large production, it would seem that to loose anything in the vegetable industry here would be impossible, but such is not the case. Last year a merchant here furnished seed, fertilizer and other supplies for a large number of growers and had the selling of their entire crops until his claims were satisfied. He lost $15,000. Fifty car loads of celery went into New York from various points in the south in one day and broke the market from $3.75 a crate to less than $1.00. If these shipments had been made under the Equity System of Marketing, this loss could have been saved and the market held up to a profitable price. I believe if ten counties were organized in Florida they could control the price on the entire output of winter vegetables in the United States.

The raising of vegetables in Florida is just about as reliable a business, under the present system of marketing, as the negroes game of shooting craps, and we would advise the readers of Up-to-Date to fight shy of the industry until there is a better system of marketing. If you get on a bad market and get hit, you get hit hard. What the vegetable growers of Florida need to do is organize and co-operate; grade their output, ship through the Equity System and start canneries and put through the cannary all vegetables that will not go on the market at a fair price. When the Manatee county farmers organize in the F. S. E., and when the railroads get us to Charlotte harbor, the most southerly and the best and largest harbor in the United States, where the largest ocean vessel can enter and dock under her own steam, and where all of Uncle Sam's war ships can enter at one time and maneuver, and it is the closest natural harbor Uncle Sam will have to the Panama canal, these farmers will be able to sell all their crops at good, profitable prices and live like kings. in one of the finest climates I have even seen. Before this is printed we will hold meetings to organize at Ellentown, Palmetto and other points in this county.

In our next letter we will tell the readers how winter vegetables are grown in Florida, explaining the surface, the sub-irrigation and the skinner systems of irrigation.

Why is E the greatest letter in the alphabet?

Because it starts Equity.

Which is that which will soon be the farmers' password?

Price; for it will soon be their own.

What has been rapidly declining, but now is gaining power?

The farmers' control of their own produce.

Who will soon be as well off as the merchants?

Farmers; for Equity will soon give them their rights.

Why is Up-to-Date the best paper of its kind in America?

Because it not only instructs, but gives proof of its instructions by becoming prosperous in the prosperity of its readers.

What is better than fertile soil?

Good judgment.

How many farmers prove that they are entitled to their rights?

By knowing that if every farmer were to the join the Farmers' Society of Equity, it would be one of the largest associations in the world.

What is worse than being successful?

Being blind to the call of prosperity.

What are the first three things a would-be farmer should do?

Subscribe for Up-to-Date, join the Farmers' Society of Equity and then buy a good farm or get rich off the one you own.

What should be the farmers' cry?

THIS:

Hurrah, for triumph Equity!
For nearer grows the hour,
When farmers will arise in might
And show the world their power!

Equity, Fair Equity

Tune: Maryland, My Maryland.

The farmer calls to his side, Equity fair Equity!
There ever fondly to abide, Equity, fair Equity.
To bring to every passing day, peaceful assurance that his way
Is brightened by the gladsome, Equity, fair Equity!

Come,, enter every country home, Equity, fair Equity!
Through well tilled fields content to roam, Equity, fair Equity!
The door is open, enter now, and with thy blessings rich endow
The man who stands behind the plough, Equity, fair Equity!

Well he deserves what thou canst give, Equity, fair Equity!
The right to work, the right to live, Equity, fair Equity!
He claims a pure unspotted life, which should with happiness be rife,
Apart from every worldly strife, Equity, fair Equity!

Loud call to thee the farmer band, Equity, fair Equity!
Throughout the length of this fair land, Equity, fair Equity!
To win thee they have made a vow, these sturdy men behind the plough,
Oh, soon their every prayer allow, Equity, fair Equity!

O joy, the farmer's prayer thou grant, Equity, fair Equity!
The right a just reward to gain, from labor's never ending strain.
In this dear land long be thy reign, Equity, fair Equity!

—Effie Stevens.

For reliable nursery stock we suggest writing to the Grand Mere Nurseries, Baroda, Mich. Enos W. Dunham & Son are proprietors. They have been in business 20 years. In this time they have learned the business thoroughly and have thousands of satisfied customers. Their business has grown because they sell good stock and please their customers.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this Business Exchange. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in Up-to-Date Farming."

Agents Wanted

AGENTS: 100 PER CENT PROFIT. New combination tool; 15 in one. For farmers, mechanics, plumbers, electricians, auto-owners. Thomas Mfg. Co., 482 Third St., Dayton, Ohio.

AGENTS WANTED to sell mottoes. Send for catalogs. F. H. Arnesen, 1866 N. Leavett St., Chicago.

LADY OR GENTLEMAN, fair education, to travel for old established house. Salary, $12 per week to start. Expenses advanced. Geo. G. Clows, Dept. F, Philadelphia, Pa.

Farm Lands For Sale

BALDWIN COUNTY ALABAMA. Farm lands and improved farm around Foley and Summerdale for sale cheap. Get my booklet describing lots and farms at Oranfe Beach Alabama on beautiful Perdido Bay. D. R. Peteet, Foley, Ala.

CORN FARM, richest soil, guarantee 150 bushels per acre yield; full particulars; write owner, Box 7-T, Sullivan, Ind.

CUBA. Most productive soil. Delightful and healthful climate. Ample rainfall. Cheapest transportation facilities to the world's greatest markets. Particulars free. Sanderson, 70 Palace Bldg, Minneapolis.

FRUIT, GRAIN and STOCK FARM for sale in Oceana county, Michigan. Write C. W. Morgan, Shelby, Mich., for lists.

MICHIGAN FARMS, all kinds and sizes, $8.00 acre and up, easy terms. Catalogue free. Kouw & Co., Holland, Mich.

104 ACRES in Washington Co., Ind., good, highly productive land, well improved, new 9-room house, good out-buildings, big apple and peach orchard, R. F. D., telephone; on improved highway. Near school and church; two miles from town. bargain at $50 per acre. Write me; I am owner, not agent. Samuel Batt, Smedley, Ind.

OWNER WILL SACRIFICE a 60-acre unimproved farm in Washington Co., Ala., near Miss. line, right on railroad. One mile from town. Best land in the country for truck raising, tobacco, corn and potato growing; will produce three and four crops a year. All good high land; no swamps; no stones; no blizzards; no long freezes. Land right next to this and no better in any way is selling right now for $25.00 an acre. Will sell at a big sacrifice for quick all cash deal. Write for particulars. J. B. Fentony, Indianapolis, Ind.

TEXAS SCHOOL LANDS $1.50 to $5.00 an acre; 1-40 cash, balance 40 years; some don't require residence; good land. Write J. J. Snyder, Dept 27, Austin, Tex.

THREE MICHIGAN FARM bargains. A. G. Blood, Lainsburg, Mich.

"TIPS TO HOMESEEKERS" is free to all except "Suckers." Hesitate and investigate before you migrate. Sec. Scott Co. Development Association, Waldron, Ark.

Farms Wanted

FARMS WANTED—Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 71 Palace, Minneapolis, Minn.

TO SELL your property, write G. C. Shepard, Minneapolis.

For Exchange

ATTENTION TRAPPERS, I will exchange a fine black kersey cloth coat, your size (ready to line with fur) for any extra skins you have. Write particulars. J. Forest, 118 E. 28th St., New York City.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

PREMIUMS FREE—Send names and addresses of ten heads of families and receive premiums. Enclose 5 cents for catalogue. Guy W. Mayberry, Newberry, Ind.

Help Wanted—Male

WANTED, RAILWAY MAIL CLERKS; city carriers, post office clerks, government stenographers and bookkeepers. Thousands of appointments coming. Average salary about $1,100. No "layoffs," short hours. Annual vacations. Common education sufficient. Political influence not needed. Send your name immediately for schedule showing places of Spring Examinations. Free coaching. Franklin Institute, Dept. G-27, Rochester, N. Y.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

ALL LEADING VARIETIES Poultry, Pigeons, Ducks, Hares, Stock and Eggs for sale. 50 page book free. H. M. Musselman, Morwood, Pa.

CHICKEN GAPE WORM Extractors. Unequaled; three for 25c in silver. Guaranteed. Dr. Wm. Hallowell, Johnsville, Pa.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs, Catalogue 2 cents. Missouri Squab Co., St. Louis.

NARAGANSETT, Bourbon Red, White Holland, Mammoth Bronze Turkeys. S. Durigg & Son, Armstrong Mills, Ohio.

SILVER LACED WYANDOTTE eggs, $2.00 per 15. Good layers, prize winners. Wortman's Poultry Yards, Leipsic, Ohio. TO SELL your property, write G. C. Shepard, Minneapolis.

Produce Commission Merchant

TAKE NOTICE—T. J. Hoover, Phila., Pa., sells poultry, eggs, apples, potatoes, onions, cabbage, carloads and less.

Situation Wanted

HOLLAND EXPERIENCED TRUCK and fruit farmer wants position on farm. Address R. P., care Up-to-Date Farming, Indianapolis.

Look for the Indian Head on the Carton of Shoes



It is your guide to shoes for women and children which are honestly made—solid leather through and through—shoes for general wear which have reached the happy medium you have so long waited for—dressy and stylish, yet practical and glove-fitting—sturdy, assuring a long life of service, without being heavy and clumsy.

You can wear any *Pontiac's Wear Well* model in perfect comfort from the first moment it is placed upon your feet. They support and protect your feet, following easily and naturally every movement—there's no rubbing, or pinching. If you have never worn *Pontiac's Wear Well*, begin now.



Pontiac's WEAR WELL

Look for the Indian Head on the carton—if you don't find it—don't buy—for *why* should you be satisfied with inferior shoes when the same money secures for you the genuine foot comfort, style and wear of *Pontiac's Wear Well?*

There's a dealer in your locality who sells them—it's worth your while to know him. If you cannot locate him, write us and we will send you his name.

USEFUL SOUVENIR FREE

We will be glad to send any lady who will write us, a useful little present if she will send her name and the name of her shoe dealer, mentioning this paper.

Pontiac Shoe Mfg. Co.
Pontiac, Ill.

$2.50
$3.00

Do Not Pay Any More, When the Fit, Style, Comfort and Wear of Pontiac's Can Be Had at These Prices

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Is Taft a Brother to Grover Cleveland?

DEAR EDITOR:

As there is much talk about a reciprocity law between Canada and the United States, I write you this letter.

We all believe here, that if this free trade treaty is entered into between the countries as it relates to farm and dairy products, it will be a big blow to Michigan and other states, such as New York, Ohio, Indiana, Illinois, Wisconsin, etc. I think we ought to protest against it as much as possible. Up here it looks to us as though Taft is a brother to Grover Cleveland. During Cleveland's administration, Bay City, Mich., bought hay from Canada at $4.50 per ton, wheat at 45 cents a bushel, and oats at 14 cents per bushel.

I will ask you a few questions (the questions are in "Question Box" department.—Editor).

If you will send me some sample copies of your paper I will distribute them and try to get subscribers.—M. J. Arnold, Bay City, Mich.

Is Distributing the Paper

DEAR EDITOR:

I received a roll of Up-to-Date Farming from you, and am distributing them amongst my friends and neighbors. I am glad to do this, and will not ask for any commission or premium. I think every farmer should do all that he can to increase the circulation of Up-to-Date Farming and promote the good work it is doing. I don't see how any farmer can hesitate or refuse to subscribe for this paper after he reads one copy, and I am in hope that Up-to-Date Farming will soon be a welcome visitor in a million farm homes.—A. P. Griffin, Lincoln Center, Me.

DEAR SIR:

Last fall I became a subscriber to Up-to-Date Farming through the inducements that you offered of post cards. The paper has been coming to my house, but I did not give it much attention until yesterday I took it up and looked it through. I became quite interested in Up-to-Date Farming and what you are trying to accomplish. I am considerably interested in the poultry business and have eggs and chickens to market. In the past I have been shipping them to the commission merchants, but I do not like that plan, although it is better than to sell to our local dealers. I believe the Equity System is what I need; therefore, any points and assistance you can give me will be greatly appreciated.—Miss E. E. Robinson, Mt. Vernon, Maine.

Another Call from Florida

DEAR EDITOR:

Please send me some sample copies of Up-to-Date, also some literature of the F. S. E. We raise all kinds of garden stuff here for use and a surplus. I believe if you would come here you could organize all this section to use the Equity System of Marketing. I have not lived here long but I see the need of these people plainly. We can raise the stuff, but we must improve the marketing system. We just must do it.—Wm. Gaines, Largo, Fla.

We have referred Mr. Gains to our organizer, J. H. Harpster, of Bradentown, Fla., which is in the next county south.—Ed.

Will Ship More Hay

FARMERS SOCIETY OF EQUITY:

I received your check for the car of hay and I assure you I appreciate the service you have rendered me in handling my hay so satisfactorily. I expect to ship the clover hay as soon as the roads get so I can haul it. In case of any change in markets please notify me. Also please send your subscription offers for Up-to-Date Farming. I will try to get you some subscribers among my neighbors.—T. Edwin Martin, Sullivan, Ill.

Best Edited by Any Man

DEAR EDITOR:

I think Up-to-Date Farming is the best paper edited by any man. I am talking your paper and what it represents up to as many farmers as I meet. Some think with me that we ought to have a local union here and others think not. I know it would help us very much and all we need to do is to start it. All other people work together in producing and marketing and they get their prices, and then pray tell me, why farmers can't do it to, on the F. S. E., Equity System plan? Many people are constantly telling us to improve our farms so we can raise more stuff. I say, improve our marketing system *so we can get more money.* Since all the other people must live off of the farmer, why let them dictate to us the price of our produce, the pay for our labor? I will do all I can to help this good and holy cause to advance and as a start I send one new subscriber and my renewal.—R. M. Jiriden, Extra, W. Va.

To Whom It May Concern

DEAR EDITORS:

Please put the following in Up-to-Date Farming so that all of your readers may see it and be persuaded to do as I have done:

When honest, energetic people manage a business, satisfaction to its patrons may be expected, then success must be the natural result, not alone in making money, but in being a real service and a benefit to mankind.

I am constrained to write the above and I have reference to the Equity System of Marketing. From my personal experience I can recommend this System to producers of potatoes and I have no doubt it would be as satisfactory in marketing any other farm crop. I am sure that any business entrusted either to the Headquarters at Indianapolis, Ind., or to the many representatives in all of the large markets of the country will receive prompt, courteous and careful attention.

My experience through the Equity System in selling my potatoes this winter, has been perfectly satisfactory.—George Borgmon, Bellaire, Mich.

Favorably Impressed

DEAR EDITOR:

My son received a copy of Up-to-Date Farming. I have been reading it and am well pleased with it. I have been very favorably impressed with your objects, from reading the Local Union page. Now, if this is a farmers' organization that you are undertaking to establish and not a monopoly or trust with representatives of such at the head of it, I would like to know, and then you may send me sample copies of your paper and other literature, as I may be able to establish your Society and System at this place.

Something like what you are advocating for the business end of farming, has been on my mind ever since I was a boy. I have been discussing the duty and rights of farmers for twenty years or more. I am a practical farmer myself and I can see plainly that we will have to take a more active part in business or we may eventually be bound and fettered forever, and constantly be trampled, as it were, in the mire.

I hope to hear from you soon and that your reply and the literature you send will be a shining light that will light the crooked path to our farmers.—J. T. Black, Flinton, Pa.

Confident of Victory

DEAR EDITOR:

I have been a reader of Up-to-Date Farming for something like three years and I have come to the conclusion that an individual must have an unlimited amount of patience to persevere in an undertaking of the kind that Up-to-Date Farming represents. I feel confident, however, of a final victory. It will come. It has to come. Our farmer boys or young men are becoming better educated as to the needs of the farm and particularly the business side of farming, as the years pass on. I heartily wish and hope that the majority of them will be privileged to read such a great paper as Up-to-Date Farming and thus become interested in this great work. I am a young man 22 years of age, and am encouraging the Farmers' Society of Equity and its Equity System, whenever I have an opportunity.

I am going to suggest a plan for getting a greater circulation for our paper. My plan is as follows:

Print an article in your next issue that you are about to send five leaflets to each subscriber, which he in turn should send to five of his farmer friends, personally urging them to subscribe for or give Up-to-Date Farming a try-out for at least one year, and each new subscriber will receive from you five leaflets as before, with instructions to do likewise.—Roman Meyer, Monroeville, Ohio.

If there is a fair interest taken in Mr. Meyer's plan, we will gladly send the leaflets and do our part at Headquarters to make the pla nsuccessful. Our policy is to embrace every letigimate plan to greatly increase the circulation of Up-to-Date Farming.—Editor.

A Member of Them All

DEAR EDITOR:

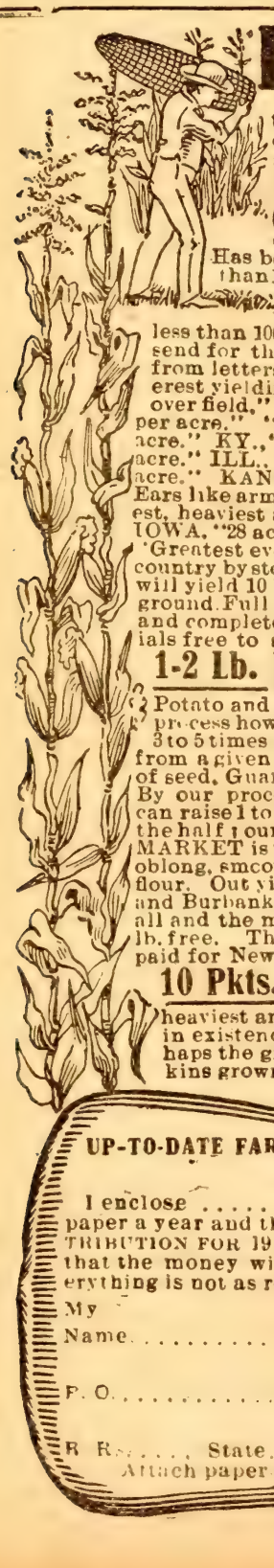
Since our supreme court has been hearing some of the complaints about alleged illegal organizations and combinations of capital, and has brought out what has been done and can be done in the way of prices of products and establishing the agreed prices to be the prevailing prices all over the country, I have suggested to some of our farmers a close organization for price making.

Why not the farmers have a close organization, make prices and be loyal to our agreement, just as other associations of business men are. But most of the farmers say, Oh, it has been tried, and the farmers will not stick together. I ask them why, and they will answer "don't know." Then I say, "Allow me to tell you why," and I tell them that our former farmers' organizations were defective in many things and ways, and I ought to know, for I have been a member of all of them but one. First, they attempted to cover too much ground and control too many of our commercial industries, over which they had no right to control. Second, instead of spending one-half their time in attending to their own business and the other half of their time in letting other people's business alone, they spent most of their time in trying to look after the affairs of others, and, third, the main weakness in former farmers' organizations was in the fact that they did not attempt to name the price that they should receive for their products. I say, without fear of successful contradiction, that not a single farmers' organization, previous to the Society of Equity, pretended to help the farmers in pricing and marketing their crop.

So I say that we ought to organize now, and agree on equitable prices for our crops, and demand them, because this principle is absolutely honest, right, equitable and an organization founded on it will be a sound and enduring one.

I am in hopes that Kansas can be organized in the Farmers' Society of Equity before long. Farmers are much dissatisfied with the prices they are receiving for their produce, and not a single one of them but what must admit that only through organization and co-operation can prices be made and maintained on a stable and equitable basis.—W. H. Mitchell, a Director of the Farmers' Society of Equity, Hutchinson, Kas.

Don't fail to look after the water supply this spring. That old pump has seen its best days. A good, new, reliable farm pump costs little. Write to the Goulds Mfg. Co., 95 W. Fall St., Seneca Falls, N. Y., for their catalog and book you should have, "Water Supply for the Home," both free.



DON'T PAY MONEY GET YOUR SEEDS ON OUR TERMS

To prove to the farmers everywhere that the subscribers to UP-TO-DATE FARMING get 25 to 35 per cent. more for their crops than others do we make this great offer. Send your subscription now, with the grain of corn coupon. You will receive all the high bred, seeds for crop improvement, named below;

UP-TO-DATE FARMING

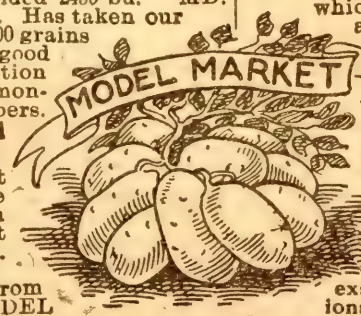


600 Grains Farmers Interest Corn

Has been bred and improved more than 15 years. The most productive white dent corn in the country. If your corn yields less than 100 bu. per acre on good ground send for this at once. Read extracts from letters: INDIANA, "Farmers Interest yielding 100 to 120 bu. per acre all over field." "50 acres averaged 98.96 bu. per acre." "Turning out 95 to 100 bu. per acre." KY., "Yielding 100 to 120 bu. per acre." ILL., "Good for over 100 bu. per acre." KANS., "Yielded 114 bu. per acre. Ears like arms of giants." TENN. "Largest, heaviest and best, 50 ears made a bu." IOWA, "28 acres yielded 2430 bu." MD. "Greatest ever seen. Has taken our country by storm." 600 grains will yield 10 bu. on good ground. Full description and complete testimonials free to subscribers.

1-2 Lb. Model Market

Potato and a secret process how to raise 3 to 5 times as much from a given amount of seed. Guaranteed. By our process you can raise 1 to 3 bu. from the half pound. MODEL MARKET is white, round to oblong, smooth bakes or boils like white flour. Out yields Kings, Carmens, Rurals and Burbanks. The greatest yielder of all and the market's model. We give 1-2 lb. free. Think of the prices you have paid for New Potatoes before.



10 Pkts. Vegetable Seeds including a package of the largest, heaviest and most productive Pumpkin in existence. Read this letter: "Perhaps the greatest exhibit was 21 pumpkins grown on one vine. The total weight was over 1000 lbs. the average weight was over 50 lbs. This is what our paper printed about your mammoth pumpkins that I exhibited at our institute."—Mrs. Jas. Seeds, Lawrenceville, Ill. The other seeds are: Cabbage. C. W. T, and All Head; Beets. Columbia; Cucumbers. Everbearing; Lettuce, Everlasting and Early Curled; Radishes, Crimson Giant and Cin. Market; Tomato, O.K. First Early and Quarter Century. These seeds will give you the best garden you ever had.

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One 2-lb. box Standard Horse Worm Powder	price,	.50 FREE
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Total cash value of free goods - - -		$12.00 FREE

$12.00 FREE! Examine the above list carefully. See the value of every article in the list! Actual value of the goods in the list $12.00. You get all this value and all the benefit of having **these necessary remedies** at hand by simply filling out and mailing the coupon. One minute's work and a postage stamp brings this great Free Cabinet offer to you. **We want you to test these goods** and know what they are. That's why we make this astonishing offer. Send coupon and get these goods free in connection with our great special introductory offer, to test them at our expense.

OUR GUARANTEE: We positively guarantee every article of the Standard line to be compounded of the purest superior quality laboratory tested materials and according to the best formulas as proved by actual use on hundreds of thousands of farms throughout the United States in our twenty-five years of business.

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Special This free offer is especially important to every man owns work horses, milch cows, hogs, sheep and poultry as well as for those who are fattening animals for market and stock breeders. In fact, this is the most sensational offer ever made to all owners of live stock of every kind. Every one of the free articles ofiered you here will make money for you. The time on this very special offer is limited. Send for coupon Now.

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Don't delay a minute in sending the FREE coupon. Send the coupon or copy it on a letter or a postal, but send it now. You need every one of the preparations in the free cabinet. The dollar bottle of Standard Colic Remedy may **save the best horse in your place any day.** The dollar box of Standard Hog Worm Powder may save a good many hogs for you. The gallon of Standard Stock Dip may **save all of your hogs, or your sheep, or perhaps a diseased cow.** The box of Standard Insect Powder or Standard Lice Killer may add a good many dollars to **your chicken profits.** Every one of the 14 remedies you get free with the cabinet, in connection with this great Introductory Offer, is absolutely the best. You need every one of these articles. You need them every day. You can get them all free now in connection with this great limited offer—one time to any one person. Send the coupon now before you lay the paper down, because we want you to have these goods to test them.

Free Cabinet Coupon

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P. O. ..... State ..... R. F. D. No. .....

I own ..... horses ..... cattle ..... cows ..... hogs ..... sheep ..... Poultry

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Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | MARCH 1, 1911 | Number 5

1911			March			1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 7th	F. M. 14th	L. Quar. 22d	1	2	3	4
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26	27	28	29	30	31	N. M. 30th

Up-to-Date Farming

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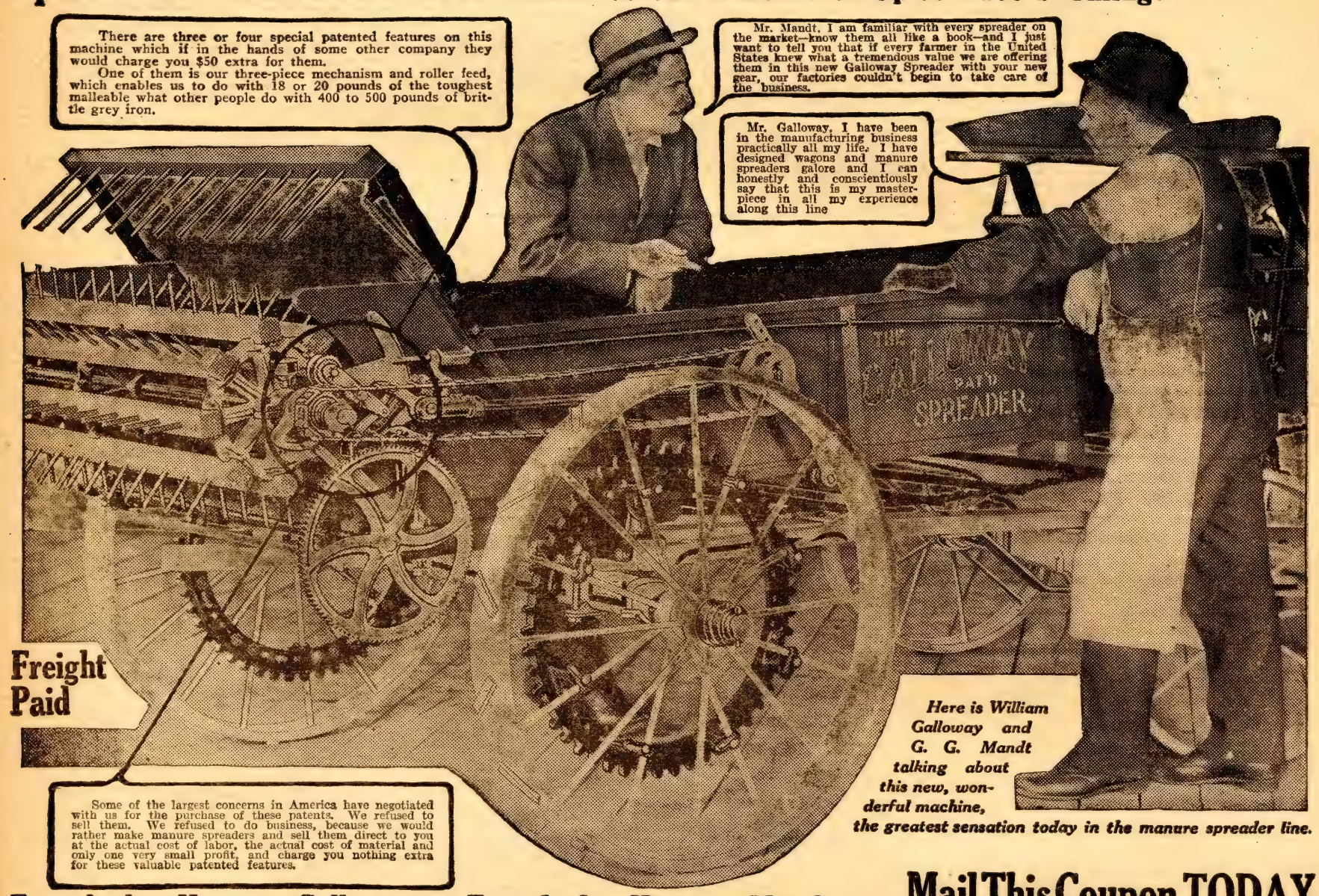
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Get your name to me now quick, while I'm making my extra special price offer on this extra special spreader. I'm going to put my first lot of these out at a price that won't let you even hesitate,

This new 70-bushel spreader of mine is worth $50.00 more than any other spreader built on account of its 11 important *patented* features. But we sell it at a price 20 per cent to 30 per cent less than others ask for spreaders not half so good.

We don't hold you up for a big price just because we have valuable patents, as others would if they had them.

Just get my proposition and see. No matter *what* style of spreader you need or *when* you think you'd need one—send me the coupon or a postal *now*.

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My Galloway-Mandt spreader is the top-notch of all, but it's only *one* of the most improved and most complete line in the country. Take *your* choice of size, style and price. You can't go wrong if it's a Galloway. Let us send you the offer that is creating such a stir anyway—and my Big Spreader Book showing *all* the styles *too*. Mail the coupon or postal to me—now—personally. Wm. Galloway, President,

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EQUITY PUBLISHING COMPANY (Inc)
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EDITORIAL

The Struggle for Price

THERE is no use denying it, nor of closing our eyes or ears to the fact, modern business all over this country and the world, is a struggle for price. The manufacturer has his struggle in the fight for a high tariff to shut out the manufactured goods from other countries, for that enables him to charge for what he manufactures any price he can compel the American farmer and buyer to pay.

The speculator and market manipulator had his struggle when he laid the plans and effected the combination that enabled him to buy up at his own price the various products of the farm, the common necessaries of life, and hide them away in the elevators, the packing houses, and the cold storage rooms, and dole them out to the consumers in starvation quantities so as to command prices many times above the prices paid for them.

The importers had their struggle when they combined with foreign syndicates to monopolize the coffee and tea trade, and compel American users to pay prices for those articles that made millionaires of both home and foreign syndicates.

The sugar trust had its struggle when it secured a tariff rate on sugar manufactured in other countries that they could avoid on their own importations by false weights and false grading secured by bribing dishonest United States officials, but which effectually barred out all importations of sugar other than those of the trust. This enabled the trust to effectually control the price of sugar in the United States and pile up whatever profits their cupidity craved.

The tobacco trust had its struggle when it made itself the only buyer of that product, and compelled the growers to sell at the beggarly prices offered by the trust, while at the same time the trust could make prices on the manufactured tobacco, pure or adulterated, that made millionaires of the entire combination. This struggle for mastery and price had to be renewed when the tobacco growers awoke to their own rights and assumed the privilege of selling in their own way, at their own time, and at a price they themselves deemed equitable. This struggle took the form of deceiving the so-called independent growers by a pretended friendship and the temporary offer of acceptable prices, thus creating dissension among the growers and driving them back into the old ruts, and which gave the trust more power over the price than it had before.

The struggle of the steel trust came with the combination of all the steel manufacturing concerns so that when a price was made it was the price for all. Thus any article of which steel or iron was a part, including building material, bridgework, fencing material, farm implements, harvesting machinery, etc., would all have to be paid for at the prices made by the trust. It monopolized their important and necessary material of modern construction.

The struggle of the Standard Oil Company was in watching every new discovery of oil, and, by fair means or foul, getting possession of every new oil field so as to maintain a monopoly of that commodity of almost universal use, and exact prices that carried princely profits—prices that made multimillionaires of those who compose the trust.

Transportation had its struggle in buying railroad bonds and lines, thus forming immense systems and so combining the systems for business purposes that there would be no competition in prices charged for service making the railways of the United States practically a great business machine, whose life and vitality came from the throbbing of a single heart, and whose every impulse was directed toward sure gains.

The struggle of the great northwestern flouring mills and the exporters of flour, wheat and other grains, together with the protected manufacturing interests, is wrapped up in the so-called reciprocity treaty with Canada. In this case the struggle is not for the maintenance of high prices, but it is for the lowering of prices, the forcing down of prices of farm products. It is to compel farmers to accept lower prices for what they produce to sell, and yet require them to pay high prices on protected goods that they must buy.

It is all a struggle for price. But where in the name of all that is just and equitable does the farmer come in? He must sell or have no income, but what of the price? He must either invest capital in land, or he must pay tribute in the form of rent to some one who has. He must labor early and late, must make an investment in team and machinery, as well as in seed and, in many cases, in fertilizers. He must plant and cultivate amid anxiety and doubt. Then he must harvest, prepare for market and deliver the goods. But at what price? This he may not know when he leaves the farm with his load. He thinks he knows what he ought to have. He has a faint idea of what it has cost him to produce the stuff—the days and almost nights he has labored, the feed for his team and himself and his family, the value of the raw material, in his case the investment in the soil, but he does not know what price will be paid him for what is HIS finished product. Somebody else, some other interest, makes the price he must sell for, an interest whose greatest gains come from lowest prices. If the farmer finds the price so low as to leave him without any profits at all, he is told he must manage better, work harder and produce more. If he obsequiously does so, as most farmers try to do, he likely finds a lower price, and the increased crop brings less than the smaller crop the year before. Our readers know that this is often the case; the combined interests know it, and the officials at Washington know it and have so reported.

The farmer, therefore, has a struggle, but it is not a struggle for price; it is a struggle for production. Those who have learned how and know how to benefit by it attend to the price. Hence the real struggle for the farmer is yet to come—the struggle for price. How shall he win? How did the others win? By organization and combination. Monopolists have taught the lesson. So have manufacturers, transporters and speculators. Will the farmers learn, or will they continue the creatures of circumstance, the subjects of doubt, the victims of uncertainty and the servants of greed? It is up to them. They can win if they will. They can do as others have done. They can organize as business men, and control their business as other interests do. But will they? That is the question. Remember, it is all a struggle for price.

The First of March

We Want Every Farmer to Read This

THIS is a period that appeals specially to farmers, particularly in the great Central Belt of the United States. Of course, the plans for the crops should already be made, but now is the time to begin earnestly to carry out those plans. "What shall the harvest be?" That no man can tell. There is an element of doubt from the beginning to the end. Some of those doubts have their origin in the uncertainty of the seasons, the ravages of insects, and the lack of fertility and adaptation of the soil. Some of these may be overcome, but it requires judgment, industry, patience, knowledge and skill.

But most of the doubts, and the most serious ones, are born of artificial conditions, and all these **could be removed.** But will they? What are the farmers doing to overcome them? We refer to the uncertainty of the value of the crops when they are made. The surplus is worth nothing to the farmer until it is converted into something he or his family or his stock needs. The usual way of thus converting it is to exchange it for money, because with the money the needed commodities may be bought, or it may be saved to meet the needs of future times.

How much money will the crops bring? This is the question whose answer involves the greatest uncertainty. Is the farmer doing anything to remove that doubt, or is he in this advanced day, advanced in everything else, toiling on as did those of his class centuries ago, trying all the time to produce more and more, still leaving the value to be determined by others who know nothing of his toil, and have no more love for or interest in him or his family than the hawk has for and in the hen and her brood?

Such is very nearly the case, and we are sorry. This first of March, as the farmer goes earnestly to work for the season's crop, is a good time to think it over. We know these conditions can all be changed and the uncertainty of price or value be removed; but to do it requires an effort. There must be organization and co-operation among the farmers. They must realize that there are two sides to their calling. That when the crops are made and harvested scarcely half of farming is done. The labor part is practically finished; the business part is now on. The farmer is not a producer now but a seller. He is a business man, a merchant, with farm products for sale. Every article he buys, from a box of matches to a harvesting machine, teaches him how he ought to do. In buying these things he always asks, "What will you take; what is your price?"

How very different when he offers for sale a load of his own goods. Then it is "what will you give?" The buyer makes the price. It is almost inconceivable that such a difference in business should have prevailed among intelligent people for more than hundreds of years. But great grandfather did that way; so did grandfather, and so did father. And **you are doing the same thing!** Isn't it a matter of surprise, when one comes to think of it?

But what can you do? We scarcely know in time for the crops you are now preparing to grow. Yes, **YOU CAN STUDY THIS QUESTION. UP-TO-DATE FARMING** does not propose to relax an inch. So far as earnestness, devotion and truth on this question are concerned, we do not propose to sleep. We want the farmers to read up on it, to study it, to know the situation and act upon it. It is time for agriculture, the greatest calling on earth, to crawl from under this load of uncertainty, and live for what there is in so great a business. We want the farmers to read, and the first of March is a good time to begin. That is why we have put the price of this paper so low, and that is why we offer such attractive premiums to those who subscribe as well as to those who get subscribers.

"Those who get subscribers!" There is where success or failure stands. We can not talk to those who are not subscribers because we can not reach them. But those who are already subscribers are the ones that constitute our audience. They know what we teach and how we teach it, and they have learned the necessity of carrying out this doctrine. To do which those who are not subscribers must be taught and impressed as those who are subscribers have been. To accomplish that we do wish every subscriber would become a getter of subscribers. We certainly make as favorable offers as a publisher can make. The first of March is one of the very best times to begin reading, and we wish we could add a million names to our list dating from the FIRST OF MARCH.

Canadian Reciprocity

BY THE time this paper reaches its readers the Canadian treaty may have been ratified by both countries and become a part of international law, at least so far as Canada and the United States are concerned. Whether it be so ratified or not, we wish to express a few more thoughts concerning it.

We are not much surprised at the strenuous advocacy of the measure by President Taft. We do not know that the President was ever a farmer. It is certain he has not been for many years, and during all those years he has had no association with farmers. His constant associates have been professional men, millionaire manufacturers, trust representatives, commercial people and politicians. It was entirely natural and human that he should absorb the ideas of these classes and regard them as THE PEOPLE, with little thought of the masses on the farms whom he seldom saw and never knew. That this is the truth concerning the President's mental makeup many features of his administration prove. During the Payne-Aldrich tariff bill the President seemed to be in favor of a revision downward in the interest of the masses, but as the struggle grew to a close, and the bill was really getting ready to be put on its passage, it was clear that the President opposed nothing that the special interests favored, and after the bill had been made a law by the attachment of his signature he immediately became one of its strongest defenders.

So also of the question of the development of the waterways. The President was frequently reported as favoring it, but finally the newspapers gave it out that he favored the opening and improvement of the waterways when the railroads realized that the country needed them. This reminds us of the homely story of the old lady who favored the putting of scarecrows in the fields when the crows decided they were needed there. The railroads will vote for the development of the waterways in this country when the crows favor the putting up of scarecrows in the fields.

One of the President's arguments is a little amusing. He says the reciprocity treaty will benefit the farmers because it allows the Canadian hogs to come across the line to eat the United States farmers' corn. He forgets(or does not know) that the corn grower of the United States is also a hog raiser, the raiser of the greatest number and the best hogs in the world, and that one of his greatest struggles is to get a remunerative price for them. The forest and acorn grown Canadian hogs crowding through the gap laid open by this treaty into our fields could not be of much benefit to the corn and swine growers of the United States. The corn growers of Ohio certainly took this view of it, for at the corn growers convention at Columbus, a few days ago, before which the President made one of his strongest speeches, they put themselves on record by the adoption of a strong resolution in opposition to the treaty.

But, as we have said, we are not surprised at the position taken by the President. His environment makes that the natural and logical course for him to take. But we are amazed by the course taken by leading Democrats in congress and out of it. The slogan of that party has for years been for a "tariff for revenue only," a tariff that will not give special protection and advantages to special classes, and thus build up in this country great monopolies and unwarranted special interests. This treaty gave them an opportunity they never had before, and that they may never have again. It is true the Canadian treaty reduces the tariff, removes it from certain articles, but in almost every case it is from farm products. It takes all the protection from farmers but does not disturb the protection given to manufactured articles.

Why did not the Democrats seize their opportunity and at once arrange a tariff schedule "for revenue only," equalizing rates and giving no more protection to the special interests than to the farmers, and attach it to the treaty, and go before the country as favoring the adoption of all or none—willing to support the treaty provided the friends of the treaty would support the added measure, and thus secure equal protection for all, and a "tariff for revenue only." They didn't do it, but instead they gulped down the whole Canadian measure, which placed farm products in free competition with Canada, and practically with the world, and left everybody else "protected" at the expense of the farmers!

It will be said, of course, that the Canadian measure is not a bill but an agreement, and could not be so amended. We admit it, but politicians know well how to manipulate such things, and if they had desired they could have devised a means of forcing the friends of the treaty to put themselves on record. They could at least put themselves on record, and placed their opponents in a most unfavorable light before the masses, particularly the farming masses.

Well, they put themselves on record all right, but it was a very different record from what they might have made.

Magazine Postage

PRESIDENT Taft was certainly very unfortunate in the choice of his Cabinet officers, at least so far as directing the Departments in the interest of the masses of the people is concerned. Not many of the ministers can be said to be popular with the people, and at least two of them are positively obnoxious. The postmaster general must have forgotten, if he ever knew, the true import and purpose of his department. The post office department is the only department of the government whose purpose is to serve the **WHOLE PEOPLE.** The dweller in the mountain cabin, the occupant of the lone hut on the undeveloped prairie of Texas or New Mexico, the fisherman on the remote coast, and the trapper and gold prospector of Alaska, are **ALL** entitled to the service of the post office department, as much so as the most active business man in the commercial centers. They lay no claim to so much of the service, of course, but they may justly demand all they need of it, and it is the duty of the government to furnish it by the most direct and most available means.

But it is said the department is not self-supporting—that the expenses of the department are greater than the income received from it. Suppose that is true. Who said this department, of all the other departments of the government, the only department in which everybody is concerned, must sustain itself with its own revenues? How about the department of state? Is it self-sustaining? Or the departments or war and the navy? Do they return to the government in actual earnings as much as it costs to run them? Or the interior department? The department of justice? The department of commerce and labor? Or even the department of agriculture? These are all supposed to serve the people more or less. Is each citizen who receives that service specially taxed to pay for it, and do all these departments, or any of them, bring to the government in actual cash as much as it costs to keep them going?

The question is absurd. Not one of them does. Why select the post office department, distinctively everybody's department, and require it to do what is not required of any other department? Everybody served by the post office is required to pay in advance a special tax for that service. And yet it is said there is a deficit, and that special or private tax must be increased to make the department self-sustaining; and Postmaster General Hitchcock proposes that the tax shall be increased on the country people who read periodicals and magazines. The proposed increased postage on these publications does not affect, or need not affect, city readers of them, because they can supply themselves at news stands, whence the publications may be brought by express. Country people and farmers have not that privilege; they must pay Mr. Hitchcock's increased tax or quit reading.

The policy of the government ought to be, and that has heretofore been its cherished theory, to encourage intelligence among the masses of the people. The publishers of newspapers and periodicals have done their part in this work. They have so managed the advertising end of their business as to enable them to furnish reading matter to the people at prices below the actual cost of printing. In this the publishers have been very different from the monopolistic trusts or special interests. The latter, instead of reducing cost to the public when profits from other sources have enabled them to do it, have retained all they got otherwise and yet multiplied what the public was required to pay. The publishers on the other hand, have given the public the benefit of the outside sources of revenue in order to encourage more general reading. Mr. Hitchcock now proposes to prevent this concession by increasing the postage on magazines and periodicals.

As we have intimated, this most affects country people, the very class that ought to be encouraged to read. The postmaster general would be surprised to know the number of farm homes in which no papers come, and the number in which perhaps the local paper and possibly a party paper are all that are received. Instead of putting increased burdens on high class literature the government should remove every possible obstacle. If the department were wholly supported from the national treasury, more people would be benefited and blessed than are now benefited by the millions bestowed upon the war and navy departments.

In this increased postage proposition the postmaster general and congress are tinkering with a live wire.

Railroad Aids to Agriculture

THE transportation companies are naturally interested in successful farming, for the greater part of their carrying trade is hauling freight to or from the farms. The Pennsylvania and allied lines are specially active in aiding and encouraging better farming. Among these we may mention the Pennsylvania company and the Pittsburg, Cincinnati, Chicago and St. Louis Railway Company, the Cleveland, Akron and Columbus Railway Company, the Cincinnati and Muskingum and the Cincinnati, Lebanon and Northern Railroad Company. These lines, in co-operation with State universities, have run instruction trains, which is almost equivalent to bringing free agricultureal schools to the very doors of the farmers. They have also issued six valuable pamphlets for free distribution, on the following subjects: "Wheat, its cultivation and production; Corn, its cultivation and production; Oats, its cultivation and production; Alfalfa, its cultivation and production; Orchards, planting. pruning and spraying; Soil Fertility, its increase and maintenance."

These are all good works; but as Christ said to the young man who had done well all his life, "One thing thou lackest!" Of what avail is it so far as prosperous farming is concerned, to teach farmers how to pile up a burdensome surplus if it can not be sold at a remunerative price? So far as the railroads are concerned, the outgoing carrying trade is as good at a low price for farm products as at a higher one; but the return carrying trade is not so good, for if the farmers are making no profits they can not buy. Every effort at instruction ought to be coupled with instruction for better methods of marketing. One of the simplest of these improvements is more direct shipments—sending the stuff to places where it is needed instead of piling it up on glutted market centers, thence to be distributed in inferior condition to doubtful interior markets. This system would aid the railroads by so distributing the business as to relieve the burdened main lines, and yet do the full amount of hauling.

Another feature is closely allied to such a system, and would very certainly grow out of it; and that is the holding the products and shipping them out only as the demand actually requires them. This would also result in great benefit to the railroads, as it would extend the freight business throughout the year instead of piling it all upon the roads in a few weeks after harvest, so often resulting in car famines and annoyance and loss to both farmers and transporters. It is all right to teach agriculture, to boost farming, but teach both sides of it, the marketing as well as the producing side.

What Is Up-to-Date Farming?

UP-TO-DATE FARMING, published at Indianapolis, Ind., is preeminently the business farmer's business paper. It teaches how to sell as well as how to produce. As business is now done, farmers may sometimes get satisfactory prices for their stuff; but it is a fact that they have nothing to do with what those prices shall be, and they are forever at the mercy of the speculating boards of trade and the gamblers in future prices Farmers are taught that supply and demand determine the price but that can not be true, else the sudden fluctuations in price when there can be no change in supply or demand, that now characterize the market, could not occur. These fluctuations, purely speculative, sometimes cost the farmers millions of dollars.

What UP-TO-DATE FARMING advocates, and has consistently advocated for years, with wonderful and acknowledged success in many places, is the observance by farmers of business principles in producing and marketing farm crops, just as manufacturers do in making and selling what they manufacture, and as merchants do in selling their goods. This is a very simple proposition when it is understood, and it has been accomplished in many places, to the great benefit of the farmers that practice it. If it were practiced all over the country, It would retire the market gamblers, and guarantee to farmers steady and remunerative prices for all their crops. It is simply to make farming a business.

UP-TO-DATE FARMING is the only paper published in this country or the world thus devoted to business methods in farming, so that the farmers may control their business as all other classes control theirs. There are good farm papers, and many of them, but they teach production with no regard to price or business methods in selling. In the latter feature is where we differ; and we equal them in the other features. Our departments are complete and ably conducted. In Production and Marketing, Live Stock and Dairying, the Poultry Yard, Garden and Orchard, Home on the Farm and Cadets of Equity, are found the latest and best in all these lines, and something to interest and benefit every member of the household, while in our Editorials, the Telescope view of the markets, and Local Union, there are important matters that can be found in no other paper.

Our present circulation is 150,000, and we want to increase that to TWO MILLIONS before the 1911 crops are harvested, and as nearly as possible to that figure before those crops are planted, for that number of farmers CAN CONTROL PRICES and put market gambling out of business, and thus benefit everybody but the gamblers.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.

CONTROLLED MARKETING COMPELLS THE PRICE — KEEP YOUR EYE ON THIS STAR

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$7.50@8.50
HOGS—At Chicago, per cwt...$7.00@7.50
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

WESTERN RECEIPTS OF GRAIN

Comparisons	Feb. 20	2 Wks. before	A Year before
WHEAT, bu, ..	559,000	537,000	1,081,000
CORN, bu.	759,000	1,087,000	1,100,000
OATS, bu.	530,000	588,000	788,000

ADVICE

Hold wheat, corn, oats, beans, broom corn and hay. Market gradually barley, buckwheat, cattle, hogs, cabbage and potatoes.

NOTE.—The future price of grain, hay, potatoes, beans and cattle depends very much on the action of the United States senate as relates to the so-called reciprocity agreement with Canada. The prospect of it being ratified appears to improve. If it is approved we can not see any prospect of price improvement, but rather we predict a further temporary decline. We do not say this to precipitate dumping, but we believe it is proper to qualify our advice as above. If the agreement drawn by the joint committee is enacted into a law, our advice will still be to refrain from dumping, as the only salvation from all the evils that were present with agriculture back in the 1890's.

BRADSTREET'S index number, published February 11, covering ninety-six articles of general consumption, was lower than at any time in sixteen months. The drop in the price of food was very noticeable. Decreases in the cost of butter and eggs were the chief factors in forcing the index number for agricultural goods to the new low point, since the high mark was reached. But we see there were decreases also in many other articles, including flour, live beeves, sheep, hogs, cheese, coffee, sugar, rice and milk. The report also shows that in January there were increases in wheat, pork, beans, peas and potatoes, but the advances scored in these have been lost by the time of this writing.

Thus, the cost of living is steadily dropping, but who is losing what the consumers gain? *Up-to-Date Farming* is analitical. We have never defended the high cost of the necessities of life, but at the same time we have always denied that the *producers* were getting too much. We have scanned Bradstreet's report closely and we fail to find any group that declined outside of the agricultural groups, while some of the others moved upward.

And we may expect this condition to continue. The organized classes can protect themselves; the unorganized can not. An examination of this page shows clearly how the farmers' prices have declined in a year, and are still seeking lower levels. Who has heard of a decrease of freight or storage charges, of commissions for handling, of toll or profit by any middleman, between the producers and consumers? They have not contributed to the lower cost of living, but, on the contrary they have absorbed part of what the consumers have lost. Thus the consumers have not benefited to the full extent of the farmers' losses.

Big visibles, rains or snows in the dry sections and the improved prospects of reciprocity have each contributed to lower prices for grain. Cash wheat declined about 6 cents since our last report and is now 35 cents a bushel lower than a year ago. Kansas City is the highest market we quote, which is very significant of a betterment, if politics can be eliminated soon. Corn more nearly held its own over the two weeks, but it is 17 cents lower than a year ago. Oats declined about a cent and is also 17 cents lower than a year ago. In this number we begin to publish the Canadian visible supplies and direct the readers' attention to the list below.

Potatoes scored a good advance the latter part of January and in early February because of severe weather preventing shipments from country points. This was the storers' opportunity to unload. As soon as mild weather came the advance was lost, as we anticipated. We do not look for much, if any better prices for potatoes. Hay is suffering from too much prospect of reciprocity, while broom corn is suffering from the inevitable curse of blind planting and consequent overproduction. The acreage this year will be light and the person who can hold over will get a good price. Beans are also afflicted with the reciprocity blight, while eggs are the victim of two elements that combined to break prices this early. The one is abnormally heavy production induced by the past good prices which lured tens of thousands of new producers into the field and caused old ones to increase their plants. The other is, we believe, a conspiracy on the part of the large packers to get control of the poultry, egg and butter handling business. We referred to this before. By throwing their great holdings on the market in January and February, they ruined many small operators, who will not be their competitors in the future and also broke the prices which enables them to stock up for next winter's demand at extremely low rates.

The remedy for all these things is for farmers to organize, produce intelligently and rationally, and then market their crops as the *real* demand needs them.

The following figures tell the market story:



The proposition to remove the protection to farmers from Canadian products is very much of the "stand and deliver" order of the highwayman.

VISIBLE SUPPLY

The visible supplies of grain in the United States by Bradstreet's reports on February 11, 1911, with comparisons are shown in the following table: (The sign —before figures means decrease, X means increase.)

	February 11, 1911 Bushels	Change from 2 wks. before Bushels	Change from a year before Bushels	Change in same period last year Bushels
WHEAT	52,723,000	X 599,000	X 18,896,000	—1,450,000
CORN	19,090,000	X 4,528,000	X 491,000	X 2,766,000
OATS	24,053,000	— 333,000	X 10,315,000	X 944,000
BARLEY	2,219,000	— 344,000	— 1,093,000	X 251,000

The visible supplies in Canada, of its chief grain crops on February 11, 1911, are given below:

WHEAT, 21,047,000 bushels; OATS, 5,441,000 bushels; BARLEY, 402,000 bushels.

COTTON—The aggregate world's supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Feb. 10, 1911	Feb. 3 1911	Feb. 11 1910
American ..	4,022,374	4,083,524	3,421,368
Other kinds	1,146,000	1,152,000	1,272,000
Total ...	5,168,374	5,235,524	4,693,368

The total visible decreased 87,822 bales in two weeks.

Price of Cotton—Middling uplands, 14.10c; middling gulf, 14.35c. The price is 35c per cwt. lower than two weeks before.

CLOSING PRICES OF CASH GRAIN

Cash grain closed in the leading markets on February 20, two weeks before and a year before, as follows:

Wheat, No. 2, Red

	Feb. 20	2 Wks. before	A Yr. before
Chicago	90⅛@91¼	94 @95½	$1.24@1.26
St. L.	.91 @93½	99 @ 103	1.23@1.25
Kas. Ct.	92 @93	96 @98	
Cincin..	90 @92	97 @ 1.00	1.26@1.28
New York		97 @98	1.30

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each subscriber of Up-to-Date Farming, or member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work on them. In a few days after you mail the blank, below, you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is now free for a short time to SUBSCRIBERS whose time is paid in advance as well as to MEMBERS.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R..... Shipping Station..... State.....

Are you a member of F. S. E.....

Are you a paid in advance subscriber to Up-to-Date Farming.....

Jan. 1, 1911

Corn No. 2 White

Chicago	47 @47½	47½@47¾	64	@66
St. Lu's	44½	46 @46½	63½	@66
Kas. Cty.	43½@44	43½@44	61¼	@63
Cincin.	.48 @48½	48½@49	65	@67
New York		53¼		71

Oats No. 2 White

Chicago	31¾@32	32½@33	48	@49
St. Lu's.	32½	32¾	47	@49
Kas. Cty	30½@31	32	@32½	46	@48
Cincin. .	32⅛@33	35	@35¼	50	@50½
New York				52	@55

FUTURE GRAIN PRICES

Chicago grain futures closed February 20th and two weeks before, as follows:

WHEAT—May, 90¾; July, 88¼; Sep., 87½. Two weeks before, 95½, 93½ and 92¼, respectively.

CORN—May, 48¾; July, 49⅞; Sep., 50¾. Two weeks before, 50, 51 and 51⅛, respectively.

OATS—May, 31⅜; July, 31¾; Sep., 31¾. Two weeks before, 32¾, 32⅜, 32½, respectively.

CHICAGO PRODUCE MARKET

February 17, 1911.

NOTE—Our readers should not conclude that the Chicago market is the best in the country because we use it for our quotations. It is a great market but it serves our purpose as a basis for comparison, rather than a criterion of what produce will bring. It may be strange, but it is true, that the largest and most conspicious markets are usually the lowest. We suppose this is because they attract shipments because of their logical position and well known great consumption. The chief purpose of the Equity System is to direct shipments to the highest market, but not necessarily the greatest. Any person having produce to sell will be told the HIGHEST market in the country by applying to THE EQUITY SYSTEM, Indianapolis, Ind.

POTATOES—Arrivals by cars, with comparisons, follow:

	This week.	Last Week.	Lastyear.
Monday 111	64	98
Tuesday 104	58	81
Wednesday ... 33	19	23
Thursday 42	27	14
Friday 48	55	33
Total, 5 days 338	223	249

Very little trade reported this morning. Buyers wanted fancy stock, but they were generally looking for lower prices. What business was done was at former quotations. On some of the "off" roads it was impossible to get the outside for fine stock. Receipts were fairly good and there was plenty of stock offered.

Sales reported were: Wisconsin—1 car at 41c, 1 car at 43c. Michigans—1 car at 45c, 1 car sacked at 47c.

Per bu. Michigan, round, white,
common to good .....$ 42@ 43
Fancy ..... 44@ 45
Extra fancy, sacked ..... 46@ 47
Wisconsin, common, frozen, small or large and hollow .... 40@ 42
Fair to good ..... 43@ 45
Fancy to extra fancy, includ
Dusty Rurals ..... 46@ 47

NEW POTATOES—Are firm. Demand is light and offerings are light.
Barrels, Bermudas, good size ..$8 00@
No. 2, small ..... 6 50@7 00
Boxes, 1 bu., Cuban, red ..... 2 50@

The price on old potatoes is about 1c a bushel lower than two weeks before; on new potatoes about the same to 50c a barrel higher.

HAY—Market very dull. Offerings again large and demand light.
Choice Timothy Hay .....$17 50@18 00
No. 1 Timothy ..... 16 00@16 50
No. 2 Timothy ..... 15 00@15 50
No. 3 Timothy ..... 12 00@13 00
Kansas and Oklahoma Prairie, choice ..... 13 50@14 00

The price of timothy is 50c to $1.00 lower than two weeks before; of Prairie hay, $1.50 a ton lower.

BROOM CORN—Nothing new to note. Demand is very moderate. Corn of good quality rules steady; common is easy.
Illinois Corn, per ton .....$80 00@100 00
Some poor, damaged, less.
Oklahoma, per ton ..... 70 00@ 90 00
Poor, badly damaged and stemmy no regular value.

The price of broom corn is the same as two weeks before.

BEANS—There was nothing new especially. On the open market no offerings to speak of are seen. Pea beans are selling moderately. In other lines there are the customary small lot sales. Supply appears ample of all kinds, and yet is not large of any kind. Prices remain steady.
Quotable:
Pea Beans—
Hand picked, choice .....$2 05@2 10
Good but not strictly hand picked ..... 2 05@2 10
Mediums nominally about same as Pea Beans.
Red Kidneys, depending on quality ..... 2 75@3 00
Brown Swedish ..... 2 50@2 75
Limas, California, per 100 lbs. 6 25@6 35

The price of Pea beans is the same,, of Red Kidneys, 45c lower and others the same as two weeks before.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows.

	This Week Cases	Last Week Cases	Last Year Cases
Monday 10,062	4,644	7,056
Tuesday ...19,293	4,286	7,132
Wednesday . 8,642	7,278	6,194
Thursday .. 5,787	5,962	5,132
Friday 7,124	6,492	3,726
Total 50,908	28,662	29,240

Trade continues very good, and the receipts are being bid for freely, with enough demand to enable receivers to sell and keep consignments moving satisfactorily. The price is looked upon as reasonable and dealers are not so nervous over the situation as a few days ago. Consumption is large, and this is the only outlet at present. The demand is both local and to fill outside orders, of which a fair quantity come to hand.

The following quotations were established by the Butter and Egg Board:
Miscellaneous lots, cases returned, 12@13c, depending on quality.
Ordinary Firsts, quotable at 13½c.
"Firsts" quotably 15½c per dozen.
"Prime Firsts" quoted at 16½c.
Checks or Seconds quotably 9@10c.

The price is about 7c a dozen lower thar two weeks before.

SEED CORN



GUARANTEED BY $10,000 Bond

Let us help double your corn crop this year — with same acreage and same method of cultivation.
This is the year of all others to renew your seed corn and and secure some of the new improved varieties which are so much better and more productive than the older sorts. We have the best crop in years and the quality is so far superior to ordinary seasons it's good enough to give a bond for.

Write for FREE Samples and $10,000 Bond Proposition
It's the greatest seed corn offer ever made. Fully explained in our Special Seed Corn Circular and large illustrated catalog of farm and garden seeds which will be sent free.
IOWA SEED COMPANY
Dept. 71 Des Moines, Iowa

100 Bushels of Corn An Acre



can often be obtained by planting EXACTLY THE RIGHT DEPTH, every kernel precisely uniform, and 5 to 10 bushels an acre increase can almost invariably be obtained. I have a simple, inexpensive way of doing it, and will send you the secret FREE if you will write me personally.
PAUL B. KELLER
Waterloo :: Iowa

A PERFECT STAND

Of potatoes is what you will get with good seed and an Iron Age Planter. It plants 100 per cent. without misses or doubles or injury to the seed. Every seed piece placed, just right, at even spaces and covered uniformly. The boy pays for his labor 10 to 20 times over, and the planter pays for itself—ask any user. With or without fertilizer distributer.

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BATEMAN M'F'G CO.
BOX 656 GRENLOCH, N. J.

REQUEST *ADVERTISERS WANT TO* *Know in what Paper seen. Therefore We* **TO** *their Advertisement was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

48 Million Shortage

Government statistics show there were 48,000,000 bushels less of potatoes grown in the United States last year than in 1909. This with increasing population must necessarily make a larger demand for potatoes in 1911. No crop as a



Money Maker

equals it, and the information showing how to grow for profit will be mailed **absolutely free** to any one asking for it. Our president has devoted over fifty years to the study of potato culture and the manufacture of machinery for handling the crop in all stages.
ASPINWALL MANUFACTURING CO.
427 Sabin Street, Jackson, Michigan, U. S. A.
World's Oldest and Largest Makers of Potato Machinery.

Make Your Own Fertilizer
at Small Cost with
WILSON'S PHOSPHATE MILLS



From 1 to 40 H. P. Also Bone Cutters, hand and power for the poultrymen; grit and shell mills, farm feed mills, family grist mills, scrap cake mills. Send for our catalog.
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Best for fence, telephone post holes and wells. Makes hole smoothly and quickly, empties easily. Three full turns complete post hole. Special price to introduce. *Agents* wanted where dealers do not handle.



Ask *dealer* for it. Be sure Iwan Bros. is on *handle* casting. Write for "Easy digging" book free.
IWAN BROTHERS, Box 31, So. Bend, Ind.



BIG CROPS can B had by use of Pounder Flexible Harrows
UNO NOW
100,000 in use. Write NOW for catal. and delivered prices. Satisfaction guar'd
G. H. POUNDER No. 43 Ft. Atkinson, Wis.

UP-TO-DATE FARMING

Production and Marketing

BALANCE THE ACCOUNT

WITH the first of March comes the season of spring. The responsibility of another crop forces itself upon the farmer. But what of the past? Have your efforts been generally successful, or are you unable to realize the gains you have made? Have you kept accounts as you went along so that you have been able to know the extent of your success, or the lack of it?

This is as important as any other incident of farming, but it must be confessed that farmers do not give it the attention it deserves. Few keep accounts as they ought to do, and in this the farmers lack in business. If a merchant, or a manufacturer, or a miller, or even a doctor or lawyer, were to fail to keep accounts there would soon be work for the bankruptcy courts.

But let us assume that the present reader has kept accounts and knows the condition of his business. If in balancing his accounts he finds profits to his credit, from which side of farming did they come, the producing side or the selling side? Both, he is ready to say; he produced well and he sold well. All right; consider it so.

But suppose the balance shows a loss or fails to show a gain? Which side is responsible for the failure? How was the production? About as usual, possibly a little better than usual. At all events, that depended upon you and nature, and you did your best, didn't you? Why, then, was there not a balance in your favor? The prices were low and you marketed unseasonably. The failure was clearly on the selling side, and there is where it is almost every time. And if properly analyzed the gains will nearly always be found on that side also.

We, therefore, urge farmers in this brights pring time, in this season of beginning things, to cast up their accounts and strike a balance. Learn what you have been successful in and in what you have failed. Look well to the selling side, and see to it that the producing side does not monopolize your knowledge, attention and efforts.

THE OLD FARM

PURCHASABLE land is scarce and high in price, and each year is making it more so. Do not be afraid to buy an old farm. We never yet saw a farm so impoverished that it was not worth an effort at reclamation. In fact, we never saw one that could not be brought back to profitable production in less time and for less money than it originally took to win it from the forest. The farm on which we are now penning these lines was once a practically abandoned farm. It had been brought into cultivation in the pioneer days of Southern Illinois. The original settler, himself addicted to many undesirable backwoods ways, brought up a large family on it. These had all been gone for several years—the parents dead and the children scattering away to homes of their own. The old farm fell into shiftless hands, and thence into still more shiftless tenants. It soon became looked upon as a very undesirable farm, and nobody wanted it—nobody would have it. Less than thirty years ago it sold at five dollars an acre. Any neighbor will now say it is the best farm in the community, and it would quickly sell at a higher price than any of the adjoining lands.

Hence, we repeat, don't be afraid to buy an old farm. Take it and bring it back to its original productiveness. And there is no occasion to stop there. Go beyond that and astonish the neighbors by what can be made out of an old farm. These are days of progressive agriculture, and each year should make farmed land better. We have often expressed the rather serious truth that no more land will ever be made, but the number needing homes will constantly increase. Hence, it behooves the human family to not let an inch of soil go to waste.

Conservation is the word. Build up the old farms, and make all the farms better. Then incidentally slip in a better system of marketing, a business system, the Equity System, if you please, and the days of impoverished farms and dependent farmers will be past and gone.

VITALITY AND VIGOR OF SEED CORN

FARMERS know that there is a great difference in seed corn even of the same variety. With some it is easy to get a stand, while with other a stand can not be had at all. Some grains send up a vigorous, thrifty, plant that maintains its thrift throughout the entire season, and completes its growth with one or more large ears, while other grains send up a sickly looking shoot that no after treatment seems able to make a healthy, productive stalk.

To obtain pointers on these facts concerning seed corn W. H. Small & Co., of Evansville, Ind., made some interesting tests last summer of corn grown in Indiana, Illinois and Missouri. Tests were made at twenty-six stations in Indiana, at twenty-seven in Illinois, and at fourteen in Missouri.

In Indiana the highest germination was found at Evansville, Greensburg and Troy, the result at these stations being 100 per cent, or every grain. The strongest vitality was at Greensburg and Troy, each showing 99 per cent, but at Evansville the vitality fell to 82 per cent. Washington, Oakland City and Frankfort showed 99 per cent germination and high vitality. The poorest germination was found at Monticello and Delphi, 75 per cent, and the vitality was but little above one-half.

In Illinois the most perfect germination was found at Monmouth, Olney and Paris, being 100 per cent, or every grain at each of these stations. The vitality was 97 per cent at Monmouth, 99 per cent at Olney and 94 per cent at Paris. The next highest germination was 98 per cent at Mt. Carmel, 97 per cent at Murphysboro, and 96 per cent at Rantoul. The lowest germination in Illinois was at Orion, only 46 per cent, Momence showed but 51 per cent, and Fairmount 68.

Missouri had four stations that tested 100 per cent germination—Holden, Doniphan, Butler and Fulton. At these stations the vitality was 100, 92, 86 and 96, respectively. California and Paris showed 99 per cent germination, and Lockwood and Lebanon each showed 98 per cent.

These tests having been made last summer, were, of course, of corn grown in 1909. Different season's growth might easily show different tests; but these tests prove that there is a difference in seed corn, and that certain localities may produce the best corn for seed. They emphasize the importance of testing the seed before planting.

CULTIVATING METHODS

There is no denying the fact that methods of cultivating very. Some farmers cultivate shallow and others deep. Of course much depends upon soil conditions. But there is one thing certain and that is that the cultivation should be thorough and the weeds kept down. It is also a fact that soil conditions and the "lay of the land" has forced cultivator manufacturers to build many types of machines. One of the most complete lines of cultivators on the market is the Buckeye, manufactured by The American Seeding-Machine Co., Incorporated, Springfield, Ohio, and the farmer can get any style he needs—Buckeye Adjustable Arch Walking Cultivators with rigid or parallel spring shovel beams, Buckeye Sunbeam Walkers with adjustable arch and spring teeth or with side harrow attachment, Buckeye Sunbeam Adjustable Arch Balanced Frame Walkers, Buckeye Dodger Pivot Axle Riding Disc Cultivators, which are the best hillside disc cultivators on the market; Easy Buckeye Riding Cultivators with pin or spring shovels, Buckeye Pivot Axle Riding Cultivators equipped with long or short axles, having four, six or eight spring trip or pin break shovels or spring teeth beams with ten spring teeth, acknowledged to be king of all shovel cultivators; Buckeye Hammock Seat Cultivators in all styles and sizes; the new Buckeye Narrow Row, that has such great latitude as to width of adjustment that it will take care of any narrow row crop and the wide row as well. Parties who contemplate the purchase of a cultivator should send to The American Seeding-Machine Co., Incorporated, Springfield, Ohio, for their cultivator pamphlets and then go to their local implement dealer and insist on seeing the Buckeye. Remember that these tools are sold under a warranty that amply protects the purchaser—a guaranty that no manufacturer would dare to make unless his goods were absolutely right.

There are a number of seed houses you are perfectly safe in dealing with, but not any seedsman stands higher than the well known half-century-old firm of J. J. H Gregory & Son. Gregory and Honest Seed have become synonymous, and this splendid firm has customers who have been on its books for years. The annual catalog has just been issued for 1911. A post card to J. J. H. Gregory & Sons, 57 Elm St., Marblehead, Mass., will bring you a copy by return mail.

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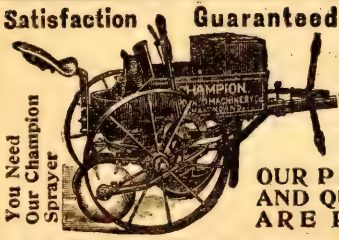
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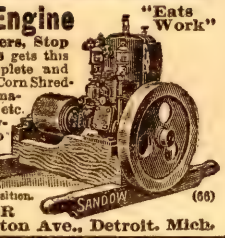
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TRYING EXPERIMENTS

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There are four plots of ground side by side, on which experiments in corn growing have been made for twenty-nine years. On one of them nothing but corn has been grown for that length of time. Last year that plot yielded at the rate of nineteen bushels to the acre. On the second there has been an alternate growing of corn and oats—corn one year and oats the next, for the entire period of twenty-nine years. That plot last year produced at the rate of forty-four bushels to the acre. On the third plot corn, oats and clover were rotated, and last year's production on that plot was fifty-nine bushels to the acre. On the fourth plot there has been followed during the entire period, the most approved methods of agriculture in every respect, and that plot yielded at the rate of ninety-six bushels to the acre. We regret that the "most approved methods" are not fully particularized, but in these experiments there is a lesson for every farmer in the corn belt.

If experiments are turned to so good account at the experiment stations, let the boys experiment on the home farm. We can not say just what may be gained, but often the greatest results appear where least expected. For instance, take a family where there are three large boys, or let three neighboring boys agree to work together in these experiments. Let each of these boys get a club of four subscribers for Up-to-Date Farming at 25 cents each for a year. As a premium one chooses four pounds of the celebrated Farmers Interest seed corn. Another chooses four pounds of Mr. Garton's wonderful select Swedish oats that has made such fabulous yields in England and also in the United States. The other can choose four pounds of that new Model Market potato. All of these will be sent for such a club of four by the publishers of Up-to-Date Farming. The three boys are now equipped for a master experiment. These are all staple crops. Which can most exceed the usual yield of these products in the neighborhood. These three boys may attract the attention of all the surrounding country and they may set a pace to be followed by all who know them. And not only that, they may introduce and be the means of disseminating varieties of these crops that will revolutionize their production in that locality; and that will result in good money to themselves for the improved seed.

But even that is not all. They will have induced twelve of their neighbors and friends to read the most helpful farm paper published, for which they will be thanked many times before the year is half out, and it may lead to a difference in marketing farm crops that will be worth hundreds of dollars to the farmers there.

Let the boys experiment. It is yet time to do this, but as March passes away the opportunity goes with it.

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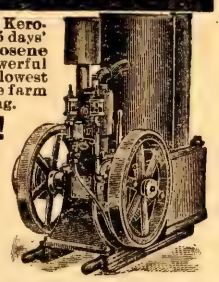


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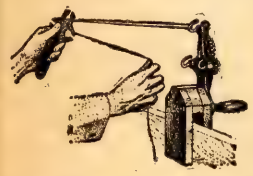


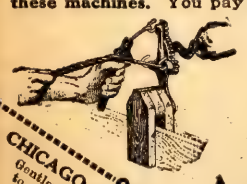
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Advantage of a Manure Spreader

By John Pribbenow

I THINK first we had better consider the value of barnyard manure. Then it will be easier for us to see the advantage of a spreader on the farm. It seems so many farmers don't seel the value of manure. I have seen it piled up for years on the same place, more so, in Dakota than in Iowa. There is one pile a few miles from my place that is big enough to cover a city block, and some, two feet deep, and some more almost as big. This pile has been all hauled there and dumped by one farmer, who works a section or more and alway had quite a bit of stock. Now all this could just as well have been applied to the land to improve it.



I was born in the year 1878 at Nora Springs, Ia., on a farm of one-half section. There were twelve children, seven boys and five girls. We were all good workers, and always were kept pretty busy. My father had quite a lot of cattle and here is where I learned to work.

I also learned the value of manure here. We always had a good supply every year. We boys always kept busy when it was ready for the field, and the field ready to receive it. Here I have watched the results in my younger days, for my father generally had the best crops around here. We did not have a spreader then, but did the best we could with a fork. We did not cover the same ground twice until we had gone the farm over. Of course, there were other good farmers but some were not so good and willing to haul the manure and their farms and crops certainly did show it.

I was married in 1900 and then started farming for myself, renting a quarter section farm, from my father and eighty acres from one of my brothers. Now this eighty acres had some pretty poor land; that is, it needed manure bad, was good high land but hungry land. The first year's crops were pretty slim. No manure had been spread to amount to much for quite a few years. So I went to work and hauled manure from town which has paid me well, a distance of four miles.

So I have farmed in Iowa and seen lots of farming there and seen the results and value of manure. In the spring of 1906 I moved up here to North Dakota on a one-half section of prairie land, which I broke and am still living on and farming.

Now in my younger days manure spreaders were scarce and high priced. Few people had one and they were not as good a make as now. I had to use the fork a great deal and know what a job it is to spread by hand, and the time it takes. I am glad the manure spreader has come to stay. They are getting in reach of everybody's pocketbook, too.

I purchased a No. 5 Galloway manure Spreader a year ago. I know it is a good investment, and a No. 1 all around spreader, for anybody who doesn't need larger than a seventy-five bushel size.

I have up to three-fourths of a mile to haul on some of the farm. Of course, everybody knows the size he needs. Some prefer a smaller size, and some a larger size. But seventy-five bushels is large enough for me. One team handles it easily, and lots of times one team is all one has to spare. I have used mine to do all the spreading with except a very little last winter, while the snow was very deep.

I used to think I could haul lots of manure in one day, and so I could. But with the spreader I can haul lots more and not be all tired out. It is only the loading part which is work. I think loading up is a little easier than to unload, and scatter with a fork. So now, I just hitch up a team, load up, drive to the field, throw in gear and take a rest while the good work of unloading is going on. It isn't any work after the load is once loaded and by the time your horses walk from forty to sixty rods, which takes about three minutes, you are unloaded, ready to go back for more.

Anybody that can drive your team can unload with a spreader. My boy has unloaded at the age of eight years.

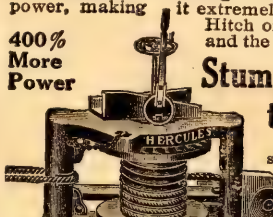
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EQUITY PUBLISHING COMPANY, Indianapolis, Ind.

Here is where the advantage of the spreader comes in; how many farmers have a boy who could and would be only to glad to unload for his father, while his father might attend to some chores about the place, or some little jobs that are always waiting for us.

Think of the time saved during the year with a spreader. It will take the average man from fifteen to twenty-five minutes longer to unload by hand as with a spreader. Say you have three hundred and fifty loads a year to haul. Most everybody who has twenty-five head of stock will have that much and more. But say, three hundred and fifty loads, and you say fifteen minutes to the load, would make eighty-four hours a year, or eight days, man and team. Is it worth anything to you? It is to me.

Next we will say labor. Do we save any of that? Well I guess we do! Think of having a handy low down spreader, that is easily pitched into and then sit down and take a little rest while you drive out and unload and feel like a new man, when you get back. Even the hired man will greatly appreciate it if you ride the plow in the fall, he can and will be much more willing to haul the manure, and what a treat for the young farmer boys a spreader is.

Next we come to the good job we can do spreading with a spreader, which will make a big difference in the crops. I have plowed manure with a colter that was spread with a spreader as nice as can be. Did you ever try and plow hand spread manure with a colter? I have, and the plow wasn't in the ground always, either, and I have noticed those same spots, when the grain stood. And at the next plowing the plow is harder to keep in the ground also, as it had not been turned before. There are so many advantages with the spreader, one has to really own one to see all the good that a spreader can do.

JUST A THINKIN'

TO NOT depend on timothy hay or redtop for growing cattle or milch cows. It is a waste to feed it to them. Clover hay or alfalfa for them.

Now is the time to take good care of the lambs. There is money inside of them, and the pile is growing or not just as you please; or, rather, just as you manage.

While on this subject we may say that ewes frequently refuse to own and nourish their lambs because they are hungry themselves and feel exhausted. It is very seldom that well fed ewes disown their lambs.

All corn is not best for breeding or milk-giving animals. It makes fat, but it does not make lean meat, or muscle and bone. Oats, wheat, bran or middlings, clover hay and alfalfa or pea hay, are all good for that purpose. Alternate some of these with the corn.

Take it easy with the farm team during March. Give the muscles time to harden and adopt themselves to the new strains upon them. Let the horses have water before feeding corn, not immediately after. Work horses need good hay, but they should have it at night, rather than at morning and noon. A horse can't do its best with a stomach full of hay. A mixture of corn and threshed oats is one of the best morning and noon feeds for the work team.

Since we are speaking of horse feed, be careful to avoid all dusty or moldy feed of any kind. Never feed rotten or moldy corn. It is a sure bid for colic or something even more fatal.

We are now in March, you know. It is unwise to put off castrating the pigs.

The team that is most kindly treated is the most serviceable one. We know of no exception to this rule. When we see a boy or a man whipping a horse, we think he has been whipped by somebody and is trying to get even on the horse.

And gentleness and kind treatment applies to the milch cows with even greater emphasis. The cross and cruel person, be it man or woman, never has good milch cows.

When you want to get a hog into a different lot or pen, it is much easier to "tole" it than to drive it. Hogs are quite like people.

Just between you and me, dear reader, how are the stock on your farm? Are they the best obtainable? Spring is the principal breeding time. Are there any first rate males in your neighborhood? Patronize them even if it does cost a little more. I rode by a field yesterday in which I saw nothing but scrub stock. Well, I met a scrub farmer at the house.

A weak halter, broken lines, decayed pole straps, broken gate hinges, imperfect barn door fastenings, shackly or broken fences—these things all spell trouble, and the trouble is usually protracted like bad habits generally.

We know of a waste there is at the barn. If you feed clover hay, alfalfa, or pea hay, a mass accumulates where you throw it down from the mow. You regard this as "dirt and trash and stuff," and when there gets to be too much of it you scoop it out of the way. Put it in the chicken house, the scratching shed, or the poultry yard anywhere, and see what will happen to it. Or throw it over where the sow and pigs are. It is broken and crumbled leaves and seeds —excellent for either poultry or hogs.

Feed affects the milk. If a cow is compelled to eat bad feed she can not be expected to give good milk, and bad milk is not healthful, nor will it make good butter. If you wish to test this, let the cow run a few days in a pasture set with wild onions. Don't let the cow eat moldy or rotten hay or fodder.

It is really better to feed whole corn fodder on the ground than in a rack, but the ground should be hard-frozen or hard otherwise. To feed in the mud is an unpardonable waste, and it cheats the stock. The stalks that remain should be gathered up and put in some place that needs filling. If there is a "yellow" slope near the feeding place, that is an ideal place wren dry or frozen, to feed whole corn fodder. The stalks may then be allowed to remain, and they will do good.

We would like to know that there is an incubator on every farm where Up-to-Date Farming goes. Because every farmer should have one and make more money from poultry. As a starter send for the catalog of the Sure Hatch Incubator Co., Box 28, Fremont, Neb.

Get Kitselman Brothers prices on Barbed Wire—lowest ever made. See their ad in this paper.



IS THE NIGHT—TO WRITE THAT POSTAL TO ME! YES, SIR; MAIL IT IN THE MORNING—BY FIRST POST

I WILL SEND YOU **4 Things—All "Corkers"** ON THE MANURE SPREADER SUBJECT

They'll Open Your Eyes

1—My Four-Color Spreader Catalog
2—My New Net Results Bulletin
3—My Photographic Spreader Album
4—My Sizzling 1911 Announcement

Chock full of Good Stuff

I don't care what prejudiced dealers (who are sore because they can't get from 30 to 50 per cent rake-off) may tell you about my machine. There never was nor is there today a Manure Spreader on the market at any price that will haul as much manure with as little resistance to man and team as the Galloway, and we let you prove this yourself by a THIRTY-DAY TO TWELVE MONTHS FREE TRIAL against the whole field.

In addition to the best Spreader, I have the Best Price Proposition a factory with an annual capacity of 40,000 complete machines can make. Here's what I charge you—my 1911 prices are based on—

FIRST—The actual cost of material bought in tremendous quantities.
SECOND—The actual cost of our pay roll every Saturday night.
THIRD—One very small profit, based on this tremendous quantity and sold direct to you.

That simply is the secret of our low price. I don't need to make much on each one, do I? Figure it out for yourself. I make them all alike on automatic machinery with dies and jigs turning out thousands of perfect pieces all alike with the same operation on huge, expensive machinery, and that's the whole story. When you consider how I make these machines, then the quantity, then the system on which I sell them, there is no wonder that nobody can compete with me, and they never can compete with me unless they make them in the same way and sell them in the same manner. I can sell them to you for less money than some factories can make them at first shop cost.

The quality is there, too, and don't you forget it. Our trial to you will prove that.

Just write me that postal card now—tonight—for full information and particulars.

You'll be pleased with what I have to tell you on this spreader subject.

My 1911 offer surpasses all previous offers. I don't care what spreader you are figuring on buying, you can't afford not to get my proposition first.

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The hard, irksome sweaty labor with a hand shear; the tired, aching swollen wrist of the shearer; the maimed and mangled sheep from it; the uneven shearing, cutting the animal in some places and leaving an inch of wool in others; the fleece in shreds and tatters and spoiled with second cuts, **OR** the easy turning, fast, even shearing of a

Stewart No. 9 Ball Bearing Machine

that anyone can do; the fleece taken off smoothly and quickly in one unbroken blanket, with every fiber at its longest; with not a scratch of any kind to the sheep and with all the wool secured, enough more, at the present price of wool to bring you from 15c to 40c more from each sheep? That's what you can do with this Stewart No. 9 Machine. It requires no expert labor to use a Stewart Shearing Machine. Any of the help can do it. The machine, all complete, with ball bearings in every joint and having a ball bearing shearing head, and including four combs and four cutters, costs only **$11.50**

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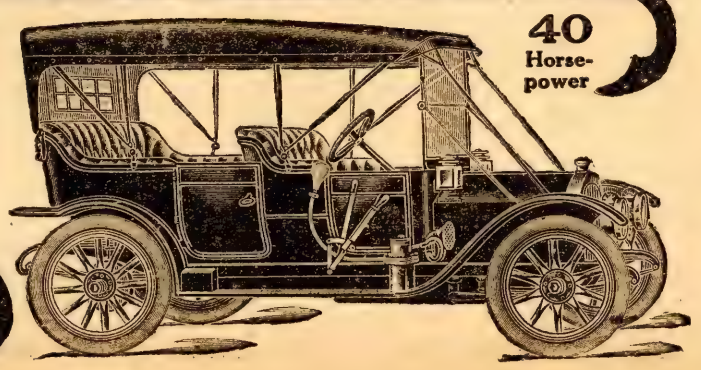
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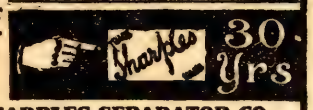
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Have it tanned with the hair on or a coat, robe or rug. Moth proof, no smell. Freight paid on 3 hides. You furnish hide, we do all the rest and make coat for $10.00 up. Robes $5.50 up. Write for price list.

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A roan Belgian stallion, 3 years old and sound; also trotting stallion, record 2:16¼, a Baron Wilkes and a grand individual. These horses are the right kind, and good stuff; will trade or sell for cash. Address Box 20, care of Up-to-Date Farming.

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Booklet Free.
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UP TO DATE LIVE STOCK AND DAIRYING

CORN AND OTHER CONCENTRATED FEEDS

TOO MUCH is said about corn alone not being a suitable feed for any but fattening stock and even then it should not be the only feed, that the need or value of corn as a feed may be misunderstood. The fact is, corn has nearly always been, is yet, and will continue to be, particularly in the corn belt, the farmer's principal dependence for rich or concentrated feed. What writers are trying to teach is, that animals, especially growing animals, work animals, and milk-giving animals, to do well must have protein, and there is very little of that element in corn, but it contains other important elements that need to go with the protein. Hence, corn can not well be discarded in feeding stock unless some of the other grains or concentrated feed of some kind is substituted for it.

Professor Henry says feeds of the nature of timothy hay, corn fodder, straw, etc., while they are useful feeds for idle horses and cattle, are composed largely of wood fiber, which is hard to digest. The work of digesting such feeds uses up a large part of the animal energy, and leaves but little to go into work, milk or flesh. In digesting coarse feeds a great deal of heat is evolved, and this heat serves to warm the animals in cold weather. But when horses are put to hard work in the spring, while they need liberal feeds of good, nutritious hay, they need also and must have, such concentrated feeds as corn, oats, or other grain feeds. These concentrated feeds take far less energy to digest them, and therefore, leave more energy for work, or flesh building, or the creation of milk. For work horses good, nutritious timothy with corn may be relied on, but growing stock and cows and other animals giving milk, will do better on clover or other leguminous hay and corn or other concentrated feed.

GROUND HAY

DISCOVERIES and inventions mark the passing days, and experiments are still being made. Mills are now being established in the West, in the alfalfa country, for the purpose of grinding alfalfa hay into meal. Ground alfalfa, we are told, is so nearly equal to wheat bran in its nutritive value, and where it is grown it can be bought for so much less, that a profitable business is being created in gridning in into meal and shipping to regions where alfalfa is not grown.

To test the value of this meal compared with the whole and cut hay, the Colorado Agricultural College is conducting a series of experiments with steers, lambs and shoats. Three lots of yearling Hereford grade steers, ten in each lot, are being fed on rations precisely alike, except that one lot gets whole hay, another lot gets cut hay, and the other lot gets ground or alfalfa meal. Three lots of lambs, 100 in each lot, are being fed the same way. Four lots of young shoats are being similarly treated. One lot is fed corn and wheat shorts in equal parts by weight; another is fed ground alfalfa hay one part, and hulled barley two parts; a third is fed ground alfalfa hay one part and hulled barley four parts; the fourth is given ground alfalfa hay one part and hulled barley six parts. No results have been given out as yet, but no one need be surprised if alfalfa and clover meal soon become a staple market product. Either will be valuable in the poultry yard, and supply a decided need. And if successful, the result will be to stimulate the growth of clover and alfalfa to the great benefit of farm lands.

A MISTAKE IN BUTTERMAKING

A COMMON mistake made by butmakers on the farm is to commence churning without knowing the temperature of the cream, and when the result shows that it is too cold, warm water is poured into it, repeating from time to time until apparently the proper temperature is reached, and the butter "comes." Butter thus obtained can not be first class; it is almost always too inferior to be marketed at any price.

The temperature of the cream should be known before beginning to churn it. This requires a dairy thermometer, an instrument that costs but little. If the cream is too cold it should be warmed by placing the vessel containing it in a pan or tub containing hot water.

Cream from a cow that has been long in milk will not produce butter so readily as cream from a cow that is fresh. Cream from a single cow thus long in milk will retard the butter production of cream from two or three fresh cows, the cause of the slowness being misunderstood, and leading to harmful treatment of the cream. The least doctoring that can be done to the cream the better will the butter be.

A BULL FENCE

A WRITER in one of our exchanges thus describes the lot and fence in which he keeps a strong shorthorn bull: "The lot consists of about three acres and is enclosed with a four-foot woven wire fence substantially put up on good, well-set posts, the posts extending eight or ten inches above the top wire of the fence, which is put on the outside of the posts. On the inside of the posts a barbed wire is placed about six inches above the top of the woven wire, and one also about eight inches below the top." Note especially the position of the two barbed wires. They undoubtedly constitute a perfect guard.

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Prof. Jesse Beery is acknowledged to be the world's master horseman. His exhibitions of taming man-killing horses, and conquering horses of all dispositions have thrilled vast audiences everywhere.

He is now teaching his marvelously successful methods to others. His system of Horse Training and Colt Broaking opens up a most attractive money-making field to the man who masters its simple principles.

Competent Horse Trainers are in demand everywhere. People gladly pay $15 to $25 a head to have horses tamed, trained, cured of habits—to have colts broken to harness. A good trainer can always keep his stable full of horses.

If you love travel, here is a chance to see the world, giving exhibitions and making large profits. You will be surprised to learn how little it costs to get into the Horse-Training profession.

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Your one hide shipment gets top market prices.
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WITH A SCORE OF

100 Per Cent.

Have you ever thought of the tremendous amount of work that a cream separator is asked to do? No other farm implement is used so constantly, and none subjected to more strain.

Do you know what it means—**all** that it means—when we say that a United States Cream Separator on the farm of Mr. Lewis Richards, of Carroll, Neb., has run **more than 5,000 times, without missing a separation,** and **with no repairs?**

Then, do you realize what it means to you—a dairyman—when we say, and are glad to prove to you, that this is by no means a great record for the U. S.? That U. S. Separators bought nearly 20 years ago, are doing duty today, as they did in their infancy?

The United States Separator is built to **skim perfectly.** It does skim perfectly. It is built to wear for a generation. It does wear for a generation. It is built to give the utmost satisfaction, at the lowest price at which complete satisfaction can be bought. That it does this, thousands of users are glad to tell.

Will you be one of the fast-growing number of dairymen who have separator perfection in their dairies? A post card today will bring you the "honest truths." Ask for Catalog No. 187.

Vermont Farm Machine Co. Bellows Falls, Vermont, U. S. A.

FARM CHEESE MAKING

COME fifty years ago cheese making on the farm was by no means unusual, but it now seems to have gone out entirely. We do not know that its revival would be very useful or profitable, but, as we frequently have inquiries as to how cheese may be made on the farm, we give the following simple instructions, which we copy from an exchange:

It is by no means a difficult task to make cheese on the farm. A number of farmers' wives in Wisconsin, Minnesota and northern Iowa make small cheese with an equipment of but one hoop and a old wagon tongue and a pail of rocks for a press. Warm the milk to 85 degrees, add the rennet and mix thoroughly. Then cover and let stand at this temperature for about half an hour, or till the curd will break, leaving the whey clear. Then cut each way, leaving it in columns about one inch square, and let it stand till the whey rises an inch on top of the curd. Warm the whole slowly, taking two or three hours to reach 98 degrees. Be very careful not to rush the curd, as that will cause the cream or fat to escape with the whey. Let stand at this temperature, stirring it occasionally to keep from packing, until the curd is so firm that when squeezed gently in the hand and the hand opened it will separate into particles again. The whey should have a slightly acid taste. Dip the curd into a basket lined with cloth to cool and drain. Salt the curd after it has drained, using four ounces of salt to ten pounds of curd, which should be mixed in carefully but thoroughly.

The utensils needed are a good vat, one that can be kept clean and sweet, and large enough to hold whatever milk is to be used at one time; a press, for the product of five to eight cows, a simple lever with weights. With the press must be hoops. A good size is ten inches in diameter, made of heavy tinned edges. It should be strong and have no top or bottom. Then there should be a drainer with perforated bottom, through which the curd is drained—a large basket lined with strainer cloth will do.

To press cheese, put a circular board about six inches in diameter upon the mold, and on this rest the stick or lever. A pail containing a few stones will answer for the weight. Do not apply full pressure at first, but let the weight hang about half way between the mold and the outer end of the stick. Let the cheese remain a few hours in the press; then take out and dress.

To dress cheese, first put in warm water for a few minutes, and then wipe dry and rub smooth. Take a piece of linen cloth about six inches wide and long enough to go around the cheese and lap over a few inches. Wrap the cloth smoothly around the cheese, folding the edges down carefully over the sides; then put a circular cap of cloth of suitable size on each side. Replace the cheese in the mold with the bandage or dress all smooth, and put it under a press, moving the pail to the end of the stick. Leave the cheese in the press for about twenty-four hours and then take it out and salt it.

EATING AND BREATHING

IF A human being eats moldy and decaying food and breathes very foul air for any length of time for even a few days, it is expected that the doctor will be called in, if there be not a job for the undertaker. The nutritive and circulating system of the cow is very much the same as that of the human being. How long could a human live in the quarters usually given the cow and on food in a state of decay equal to that too often furnished the cow?

The question is not altogether irrelevant. The blood of the cow is made impure by these conditions as would be the blood of the man. The milk drawn from the cow is evolved from its nature. The human takes into his system in the form of food the milk of the cow or the butter made from it.

Taking this view of the situation, and it is a correct one, it is easy to see the importance of giving the cow clean, well ventilated quarters and providing her with wholesome feed. It is the only safe course to pursue if we use milk or butter or cheese.

There is another consideration that should be given full weight. Milk is about half water, and a cow giving milk requires about twice as much water as one that is not. The milk is made of the feed and water, and is affected more by the water than by the feed. Hence, the cow should have an abundance of water, and it should be of the purest quality at all available. In the pioneer days of this country, even in the writer's own memory, cows running on the open range had to depend on the creeks and small streams for their water supply. In dry summers this supply became meager and stagnant, foul with rotting leaves and contaminated with other sources of filth. We can remember of milk tasting like stagnant, muddy water. Those were the days of chills and fevers and the shaking ague. Even to this day cows are sometimes allowed to drink in summer from muddy, stagnant, almost dried up ponds. Those who use the milk would just as well drink the water.

MILCH COWS AND LIME

THAT milch cows need lime in their feed is a very recent discovery, but it is now known that a cow giving milk must get at least two ounces of lime out of her feed every day; that is, to do well she must have feed daily that contains at least two ounces of lime. This emphasizes the fact so often stated that corn alone is not sufficient feed. Corn contains very little lime, a ton of shelled corn having no more than three-fifths of a pound of lime. Corn fodder is better; it has eight and a half pounds of lime to the ton.

The legumes are strongest in lime. Clover hay contains forty-three pounds of lime to the ton, and alfalfa contains eighty-six pounds. And this need of lime does not apply alone to milch cows. Any animal that is growing, or in any way developing bone and muscle, needs it, which is another argument in favor of clover and alfalfa as stock feed.

WORMS IN HORSES

MY FATHER, away back in the early days when the horses became infested with worms, gathered the rough bark of shellbark hickory and burned it to ashes. About twice a week he put some of these ashes in the trough or box where the horses were fed ear corn, or he mixed some of them with threshed oats and fed to the horses. All symptoms of worms soon disappeared, and the horses had good appetites and became thrifty.

The remedy is a good one today, and ashes of hickory wood, or strong ashes from any hard wood will answer.

Mercy and Profit

The same old style horse collars and pads that have been used for a hundred years causes millions of dollars of loss to farmers. An idle horse is power (money) wasted. But if your horses' shoulders are sore what can you do? Human treatment demands one thing—rest.

A new collar is not so bad. But it will not stay new. It is pulled out of shape. In warm weather it gets wet with sweat. It gets soft. A pad may be used, but it is a makeshift at best. The condition becomes worse.

Collar and pad become sweat soaked. The steamy dampness softens the horses' skin. He breaks out. Germs are breeding under these conditions and sore shoulders are a quick, natural result. Then it is the horse must suffer and rest to get well.

A cheap, effective way to avoid all this trouble is within every farmers' reach. The principle involved is older than collars or pads. In olden times the ox had a stout wood yoke. His shoulders did not get sore. And who will say his work was not hard? The hard, dry surface is the ideal condition. It is proven every day on thousands of farms.

Steel hameless horse collars are now made. No pads. No sweaty, germ-breeding condition with steel collars. Clean, dry, sweet, unbreakable collars keep the horse in perfect condition for work. Have mercy on the animal. Keep your horse from having sore shoulders. He will work for you. He will make your mercy profitable.

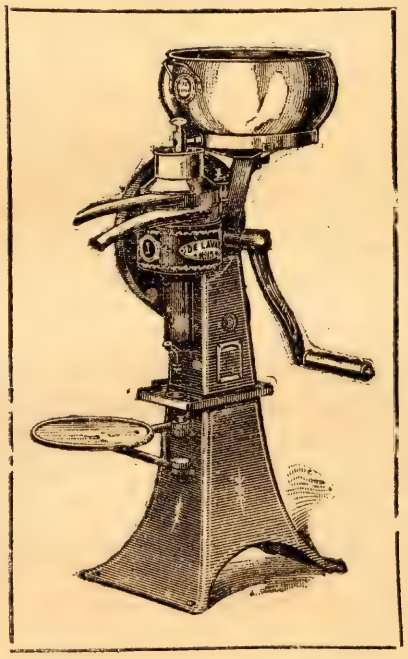
One would think that every farmer would have a good manure spreader by this time. Have you? Don't stand still. Make more money with the best machinery. Write the Wm. Galloway Co., 509 Galloway Station, Waterloo, Iowa, for their money making spreader book.

A big cabinet filled with valuable veterinary remedies, with a total value of $12, will be sent to readers of Up-to-Date Farming. Such was the offer made in the February number. Did you send for yours? Write to the Standard Stock Food Co., Dept 3562, Omaha, Neb., for their big free offer. Send a postal card. Nothing to pay now or later for the free goods.

Agents, a money making proposition awaits you. Write the United Mfg. Co., 367 Mill St., Leipsic, O.

DE LAVAL and OTHER CREAM SEPARATORS

Every separator manufacturer and dealer attempting to compete with the DE LAVAL today claims his machine to be "like the DE LAVAL," "as good as the DE LAVAL," or "about the same as the DE LAVAL." Some even go as far as to falsely assert that it is licensed under DE LAVAL patents.



Their claims are true only to the extent that every one of them IS making a machine after some DE LAVAL type of ten to twenty years ago, on which the DE LAVAL patents have expired. But these copied old DE LAVAL types were either never good enough for the DE LAVAL Company to actually manufacture itself or have been discarded by it at least ten years ago in its constant development and improvement of the cream separator.

Not a single one of these would-be imitating competing machines is in any way like the improved DE LAVAL separator of TODAY. None of them is capable of doing as good work, or being run, cleaned and handled as easily. None of them is nearly as well built or will last half as long.

There is not a prospective buyer of a separator anywhere who can not SEE and PROVE the important difference FOR HIMSELF if he will only go to the trouble of looking up the nearest DE LAVAL agent or writing the Company if he can't find one.

It is well worth while for every intending buyer to do this. It means a saving in quantity and quality of cream and butter, time and trouble, twice-a-day, or every time he puts milk through the separator. It means a machine that will last twenty years instead of a few months or perhaps as long as five years at the outside.

It's the pleasure as well as the business of every DE LAVAL agent to explain and demonstrate the difference between DE LAVAL and other separators.

Why not take advantage of this and at least SEE and TRY a DE LAVAL before making so important an investment as the purchase of a Cream Separator?

THE DE LAVAL SEPARATOR CO.

165-167 Broadway NEW YORK
42 E. Madison St. CHICAGO
Drumm & Sacramento SAN FRANCISCO
178-177 William St. MONTREAL
14-16 Princess St. WINNIPEG
1010 Western Ave. SEATTLE

it costs us 10 cents

When we receive your cream separator order it costs us 10 cents to handle it. You pay the 10 cents in addition to factory cost and factory profit. If an agent takes your order it costs $25.00 to $35.00 on top of all the other costs, profits and expenses. Take your choice—buy where you please, but first send for the Economy Chief Dairy Guide for 1911. It costs you nothing.

Sears, Roebuck and Co.

Chicago, Illinois

FREE TO FARMERS

A Valuable 160-page book entitled

"SILO PROFITS"



Written by 200 of the most successful Feeders, Farmers and Dairymen in the World. ☞ Every farmer in America should read this book, and as long as our supply of these books last we will mail one copy free to each person asking for it. It gives the actual experience of these farmers and in their own words.

Our Factories are located at Anderson, Ind., Des Moines, Iowa, and Kansas City, Missouri. ☞ Write NOW for this book "Silo Profits"

INDIANA SILO COMPANY

320 Union Building, Anderson, Indiana

Hog Cholera

WHY LET HOGS DIE OF CHOLERA

The Snoddy Remedy will stop the disease and save the sick hogs and stop further developments of the disease on those not yet sick, it is also the greatest wor mexterminator and thrift producer on the market.

Snoddy's free booklet which explains the whole method of saving diseased hogs or keeping well hogs clear of worms and thrifty will be sent free by return mail to any person who will send his name and address to the Snoddy Remedy Co., Sta. 24, Alton, Ill.



Seldom See

a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

ABSORBINE

Before After will clean them off without laying the horse up. **No blister, no hair gone.** $2.00 per bottle, delivered. **Book 8 E free.**

ABSORBINE, JR., for mankind, $1 and $2. Removes Painful Swellings, Enlarged Glands, Goitre, Wens, Bruises, Varicose Veins, Varicosities, Old Sores. Allays Pain. Your druggist can supply and give references. Will tell you more if you write. Book free. Manufactured only by

W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.

FARM WANTED

Hundreds of readers of Up-to-Date Farming want to buy a farm. Have you one for sale? Advertise it in the Business Exchange for quick purchaser. Rate 6c a word.

What a Farm Should Have

By Howard E. Coffin

Ex-President, the Society of Automobile Engineers; President, the Manufacturers' Contest Association.

I have been asked to tell briefly what sort of an automobile is best adapted to the use of the farmer. To discuss that question intelligently we had better see first what the average farmer will ask his car to do.

In the first place, the car will be required to negotiate rougher roads, steeper hills and more mud than city cars have to cover.

Next in importance, the farmer will insist that his car be easy to take care of, because he must do the work on it himself, repair shops and chaffeurs being crossed off the farmer's list—and rightly, too. They are unnecessary adjuncts to the ownership of an automobile.

That the farmer will ask his car to prove economical in the matter of gasoline consumption goes without saying. You can't always drop into a garage while touring in the country and have your gasoline tank filled. So it is worth seeing to that the farmer's car is able to get a good many miles out of a gallon—say fifteen to twenty. That makes cheap transportation.

To my mind, one of the greatest essentials in the ideal car for the farmers is its dustproof quality. No other user of motor cars encounters so much dust. There is nothing which, if allowed to get into the moving parts of the mechanism, will wear out a car so quickly as dust. Therefore, I should advise that the farmer's car be as nearly dustproof as possible. The importance of that feature can not be overestimated.

The capacity of the car does not need to be discussed, since the individual requirements are the answer to that phase of the problem. However, it is necessary to consider weight and its effect on tires. For obvious reasons the light car is the money saver. It is easier on tires. But we must not put too large a premium on lightness, lest we get a car too light to withstand the road shocks.

Now then, knowing what will be required of the car in the negotiation of country roads, in the care of it, in the matter of economy, in its construction with special reference to shutting out dust and dirt and in respect to weight we can take up those topics in order and thresh them out.

For hilly, muddy and rough roads, which are bound to prevail at certain times in the year in the country, the car must be staunch to withstand the shocks. It should have an especially heavy frame, rugged spokes and plenty of bolts should be used for the spokes in the front wheels where the shocks are hardest. The pounding of the road loosens all nuts not held firmly. Locking devices should be found on farmers' cars. The steering apparatus should be especially easy to handle, which is another point of safety that requires no further comment.

At the present time, most cars are equipped with engines good enough to haul you through sand. But for hill-climbing be sure you have plenty of power and that your engine will not heat. Thirty-horse power is sufficient to climb any hill, practically, if the engine is really working properly. Some cars rated at forty horse won't develop that much, although the bore and stroke entitles them to be so classified. What a car will actually do and not what it is supposed to do is what you want to know. The only way to be certain of those things is to try them out.

In the matter of what demands on your time the car will make to be kept clean, there is much to say. From the nature of their business, farmers have had much to do with various kinds of machinery and they know that the simple machines are the easiest to care for, cheapest to buy and most efficient in action. So, above everything else, be sure your car is simple in design and construction. The fewer parts used in a car the better. Useless frills and mechanical bric-a-brac cost you money in three ways: 1. The original cost of raw material. 2. The labor to adjust those parts. 3. The repairing of parts which had no justifiable excuse on the car in the first place. Your engine should be devoid of dirt-catching corners, exposed wiring, etc. Otherwise, it will be almost impossible to keep it clean. The power plant needs to be kept in order and you do not want to devote hours to an unpleasant task, which might be avoided if your car had a clean motor.

The importance of accessibility of parts comes under this same division. When you have an adjustment to make you will realize the advantage of making it without going to the necessity of dismantling your car to get at some foolish nut or bolt. And be sure the points of lubrication are placed where you can get at them easily. There lies the mischief—oiling. If you can't reach the oiling places you neglect to lubricate your car. Neglect in that particular will cause your car to wear out more quickly than anything else.

Low cost of maintenance is highly desirable, of course. If you find you can do only seven or eight miles on a gallon of gasoline, you will discover your bills soaring. From fifteen to twenty miles per gallon is reasonable to expect from a five-passenger, four-cylinder car. But of course the greatest feature to keep down the cost of up-keep is the accessibility of parts. When you pay a mechanic in a garage 50 or 60 cents an hour to adjust some pesky nut that ought to be in plain sight, then the unpleasant side of motoring enters. Most any man

Cured Splint



"I have used Sloan's Liniment on a fine mare for splint and cured her. This makes the third horse I've cured. Have recommended it to my neighbors for thrush and they say it is fine. I find it the best Liniment I ever used. I keep on hand your Sure Colic Cure for myself and neighbors, and I can certainly recommend it for Colic."—S. E. SMITH, McDonough, Ga.

FINE FOR SWEENY.

Mr. J. H. FLEMING, of Stilesboro, Ga., writes:—"Sloan's Liniment is fine for sweeny on mules, and it is also fine for abscess on the lungs, as I know it did my sister good. It helped to cure her."

SLOAN'S LINIMENT

is a reliable remedy for both family and farm use. Very penetrating, needs no rubbing.

Price, 50 cents and $1.00.

Sloan's book on horses, cattle, hogs, and poultry sent free. Address

Dr. EARL S. SLOAN, Boston, Mass., U.S.A.



Many Good Horses Are Ruined

In the spring by working them hard all day and letting them stand at night in the heavy, wet hair which takes hours to dry out. Clipped horses dry off quick, they rest well, and they get all the good from their feed. They are fresh and full of life and vigor. Every man who considers the unnatural conditions under which his horses live will promote their health and welfare by clipping them in the spring.

You can clip a horse in 30 minutes with this

Stewart Ball Bearing Clipping Machine



This machine weighs only 36 pounds, boxed. You can carry it about anywhere. It has six feet of new style, easy running flexible shaft, so all parts of the horse are reached easily. It has the **famous Stewart one-nut tension knife**—highest grade. The gears are all cut from the solid steel bar and made file hard. Then are enclosed and protected from dust and dirt, where they run in constant oil bath.

Clip Your Cows, Too, with this Machine

Requires no change to clip cows with it. The flanks and udders of milk cows should be clipped every three or four weeks. It aids in getting clean, uncontaminated milk. **It is guaranteed for 25 years** and anyone can run it and do perfect clipping with it. Price, all complete as shown, is only . . . .

GET ONE NOW at your dealer's, or send $2.00 and we will ship C.O.D. for the balance. Write for new 1911 Catalogue. **DO IT TODAY.**

$7.50



The Machine at Work

CHICAGO FLEXIBLE SHAFT COMPANY

224 Ontario St. CHICAGO

handy with tools can care for a single car.

Not enough American cars are dust-proof. Sand and dust sift through the radiators of all cars, settle on the delicate parts of the mechanism—unless they are enclosed as they should be—and grind them to pieces. This is especially true of the valves.

In the matter of enclosing the valves, foreign cars have the advantage over those made in America. Why American designers have in so many cases overlooked this highly important feature I do not know. It is an unfortunate oversight or omission. Every moving part that can possibly be enclosed should be.

To strike the happy medium of weight is not easily done. Rough roads pound a very light car to pieces in a short time. Heavy cars on rough roads would cost too much for tires in a season. It takes more power to haul heavier cars. More power costs money and—is it necessary? Luxurious riding qualities may be found in several cars selling for $1,250 to $1,500. Doubtless, a $7,500 French car would roll along a bit more charmingly. But the quality to be found in cars at the price I mention is really astounding. The elegance of these medium-priced cars was unknown five years ago at any price.

Big tires are, contrary to general belief, inadvisable on farmers' cars. It is true that they will stay above the small ruts. But they stay above at the expense of having their outer edges cut and worn out. Dealers who sell cars to farmers tell me that big tires are brought back to them with the outer edges worn out and the tread in as good condition as when new. A four-inch tire is plenty large enough and in the long run the most economical.

Without attempting to discuss engine types, crank shafts, and such things, I think I have outlined what, in my judgment, would give the farmer some idea of what a motor car ought to be like to serve his purpose to the best advantage. It is the ever-ready kind, the inexpensive type, the efficient machine, which qualities he has sought when buying other kinds of machinery. In other words, the common sense car.

EDITOR'S NOTE—From time to time Mr. Coffin will discuss automobile topics in Up-to-Date Farming. Those of our subscribers who would like to have knotty problems solved by this noted automobile engineer are welcome to his advice, which will be given free to readers.

MOTORING IN THE SPRINGTIME

Don't you feel full of vim, and life and go in the spring? You feel like a new person. You want to do things. You want to move.

While the farmer is much more favorably situated than the city man, for using an automobile, still, to a certain degree, their desires are the same. In the city it is the desire to get into the country with fresh air and good things. But the farmer is there already. He wants all he can get of his fresh air and sunshine. He has a desire for big bunches of it. New spring vigor is surging in his veins.

Automobiling in the spring is a joy—just as autoing in the summer or fall. There is no better way of getting your full share of Nature's pure gifts than with a reliable automobile.

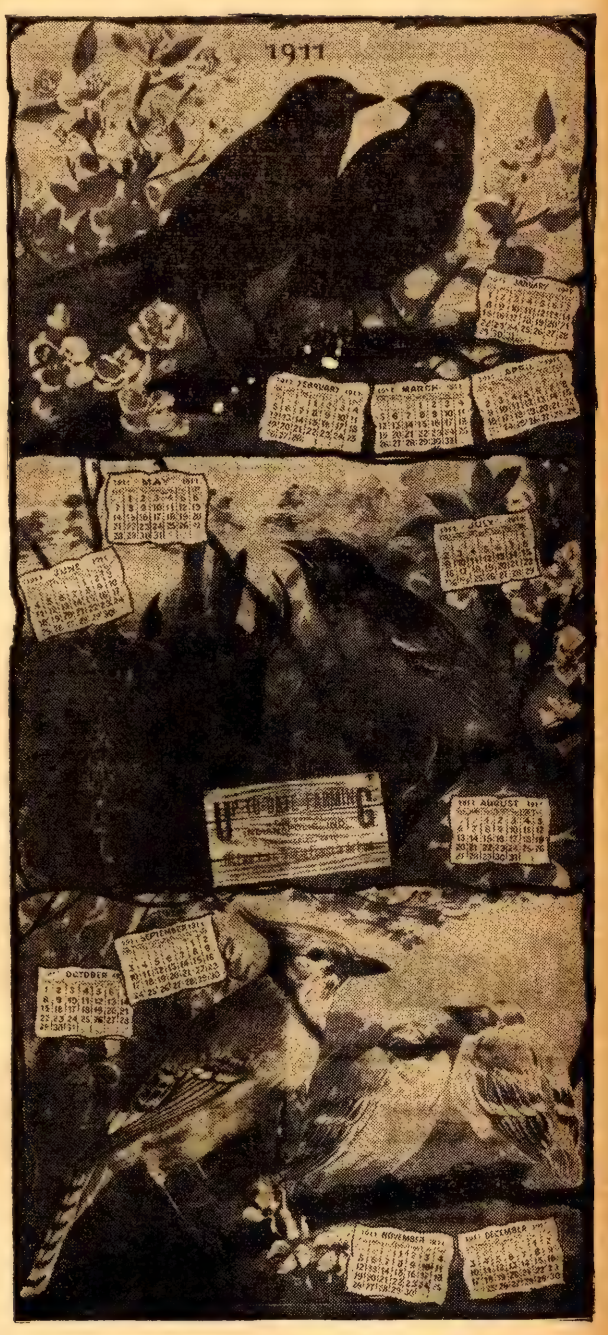
A car bought in the spring gives you a full year's use. Enjoy it every day. Use it for going to market, for making purchases in town, for visiting your friends near and far. One hundred and fifty to two hundred miles is the usual performance of any good car in a day. Think of the enjoyment of family and friends when they have the opportunity to gratify the in-born human instinct for travel and change—for motion.

Figure it out in dollars and cents if a motor car is worth while. And don't forget to put down to its credit its full value in pleasure and health for the family and friends.

Ladies, save money on your soap, baking powder, flavoring extracts, etc. You can get a large set of dishes free. Write the Pure Food Co., 519 Pearl St., Cincinnati, O.

I Want to Put One of My Beautiful, Instructive and Useful Calendars for 1911 in Every Home Where Up-to-Date Farming Goes. --J A. E., Editor.

THE WOODLAND CALENDAR



THIS beautiful new calendar I had made for subscribers to UP-TO-DATE FARMING exclusively.

I believe it will not be surpassed by any calendar for the year 1911 and equalled by few that can be obtained anywhere. It is a masterpiece of art while the selection of the subjects were most happy for our particular people. Birds are farmers' best friends. Therefore a Woodland Calendar will be welcome in each farm home where it will be a pleasure and joy to see, and an ever ready reference for full 365 days.

The Woodland Calendar is in three beautiful pictoral panels. The top one shows the harbinger of Spring. "Robins Mating" is the title. Look at them in the picture. The second, "Orioles Nesting;" and the third, "Baby Blue Jays."

They are all careful, consistent reproductions from life. The calendar is produced in twelve colors and the birds look so natural and life like that one, in fancy, can almost hear the cheery call of Robin Redbreast, or the querulous scolding of the Blue Jays, or the soft lingering notes of the Orioles—echoes of the free fields or forests stealing from these charming pictures.

Why affront the lovers of nature with expensive dead birds or artificial ones on the bonnet when you can have them FREE in all their pictured loveliness, from the brush of a celebrated nature artist in my Woodland Calendar? These winged messengers of the air will give a note of harmonious color and free woody atmosphere to every home. The Woodland Calendar gives an artistic charm to any room, is sure to attract every eye and impress your visitors with its novelty and charm, while it will ever interest and instruct the children.

It is true in this case that fine birds made a fine picture.

Size 2 feet, 1 inch high by 11 inches wide.

My Calendar Offer

I want one of my WOODLAND CALENDARS in each home where Up-to-Date Farming goes. Therefore, to each new subscriber or renewal for one year with 25 cents I will send one postpaid if selected instead of any other premium.

GET YOURS FREE—Send a club of four subscribers at 25 cents, for one year each—$1.00—and I will send each subscriber a WOODLAND CALENDAR and I will send you the paper and a calendar as a reward.

UP-TO-DATE FARMING, J. A. Everitt, Editor

WOODLAND CALENDAR COUPON

MR. J. A. EVERITT, Editor, Indianapolis, Ind.

I enclose $..... for which please send Up-to-Date Farming and the Woodland Calendar

My Name .....

P. O. .....

R. R. ..... Co. ..... State .....

Is this a new or a renewal subscription? .....

Make Your Old Wagon New



Just as strong and as good as ever and more convenient. Write us and let us show you how cheaply we can fit your old running gear with our superb

Electric Steel Wheels

which put an end to all break-downs. No shrinking or drying apart or tire setting. Makes your wagon a real handy wagon. Our 48 page book shows you why no other wagon wheels in the world equal the famous Electric Steel Wheels. Reading it will Save you time, money and horse flesh. It's free. Write for it to-day to

ELECTRIC WHEEL CO., Box 54, Quincy, Ill.

THIS AWL



MYERS
Famous Lock Stitch SEWING AWL

sews shoes, harness, belts, rugs, gloves, etc., etc. A time and money saver in every household, on every farm, for every teamster. Curved and straight needles. Can be carried in the pocket. Always ready to mend a rip or tear. Saves trips to town. Will make it unnecessary to buy many new things.

My Offer Mr. Myer wrote me that I must not offer his awl at less than $1.00, therefore, since I can not make it $1.00, and send you UP-TO-DATE FARMING two years, or send a club of four subscribers at 25 cents each—$1.00—and I will send you the awl as a reward. I guarantee entire satisfaction on this offer even at $1.00.

J. A. EVERITT, Editor, INDIANAPOLIS, IND.

WHEN YOU WRITE

to an advertiser always take special care to

WRITE YOUR NAME PLAINLY

including the full address. You know what you mean but no one else does unless he can read it. Many mistakes and delays occur because names and addresses are not written plainly. Print it if you can't write good.

REQUEST *ADVERTISERS WANT TO Know in what Paper seen. Therefore We* **TO** *their Advertisment was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

REQUEST *ADVERTISERS WANT TO Know in what Paper seen. Therefore We* **TO** *their Advertisment was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

Amazing, Special Introductory Offer

I Want to Distribute a Million Easter Post Cards Before Easter, April 16

HERE IS A WONDERFUL OFFER that is open to one person in each family where this number of UP-TO-DATE FARMING goes.

I have figured it out that if 4,000 boys and girls, or grown ups too, will each let me send them twenty of my new, 1911 EASTER POST CARDS, and they show them to some of their friends, which they will be proud to do, that it will at once make such a demand for my paper and cards that I will soon have all the subscribers I want for 1911, and my edition of one million (1,000,000) EASTER POST CARDS can be distributed to pleased subscribers.

To the first 4,000 who will send the coupon below I will send UP-TO-DATE FARMING three months on trial, twenty of my new 1911, EASTER POST CARDS and my NEW offers how to get all the beautiful post cards; or choice flower seeds; or vegetable seeds; or bulbs of beautiful flowers, FREE.

The only condition I make is that you send ten cents for the trial subscription and as a guarantee that not more than one person in your family will accept this offer. I make no charge for the TWENTY post cards; they are absolutely free for you to show to your friends, and for you to keep or use as you wish.

My new Easter Cards are the most beautiful ones you may hope to see. They have made a great "hit" with those who have inspected them. There are seventy-two cards, all different. They cover a very wide range of subjects. The accompanying illustration gives a faint idea of the style and subjects, but it can not convey even a suggestion of the richness and beauty of

50 Lovely Easter Cards

You can get them Free if you're one of the 4,000



Get All Your Post Cards, Flower Seeds Garden Seeds and Summer Flowering Bulbs From Me FREE!

the real cards. They are printed on fine, heavy cardboard, with twelve printings, decorated with gold and silver and are heavily embossed.

The artist had each member of the family in mind when he decided on his subjects, but the central idea was to especially please the children, hence the large proportion of rabbit, chick, Easter egg and sweet children cards. But the older folks were not forgotten and there are cards with crosses, crowns, easter lilies, etc., to call to mind the things that the day commemorates, and on each is an appropriate Easter Greeting.

This is the Coupon to Send

Mr. J. A. EVERITT, Editor,
Indianapolis, Ind.

I enclose 10 cents for a three months' trial subscription to UP-TO-DATE FARMING. Please send me the **20 EASTER POST CARDS** as promised. I agree to show them to my friends in accordance with your **AMAZING SPECIAL INTRODUCTORY OFFER.** No other member of my family has or will embrace this offer. I have not sent for this offer before.

My Name .....

My P. O. .....

R. R. .....State .....

The New Trial Subscriber's Name .....

His P. O. .....

R. R. .....State .....

Will not these cards help to inspire the proper Easter spirit wherever they go? Don't you think these cards in your home, or sent to your friends will make Easter fuller of love and Easter Joy? My beautiful cards supply the means to greet all your friends, and they cost you nothing. No other present will be expected. The custom of giving cards is growing wonderfully and it should be encouraged.

I have studied to make this offer attractive and such as would appeal strongly to nearly all readers because I want to hear from 4,000 at once. The bargain in this is for the one who accepts it, and not for me. I could not afford to make this offer if it were not for the subscribers that will result in the future. I want thousands of new families to get acquainted with my paper—UP-TO-DATE FARMING—and see my new Easter post cards. Therefore, I adopt this plan as one of the ways to accomplish my purpose.

I hope you will fill out the coupon right away, then you will receive the full set of twenty Easter Cards at once. REMEMBER, twenty; not ten, or twelve, or fifteen. All different. When you get them you will be in doubt, whether to use them for correspondence or keep them in a collection to entertain your friends.

UP-TO-DATE FARMING, Indianapolis, Ind.

NOTICE—This is the second appearance of this advertisement those who embraced it before must not do so again. Also, this may be the last time you will have the opportunity as it may not appear again.

The Filipino Cupid

"Snick!"

Something struck Private Weaver on the breast of his blue flannel shirt and hung there. He looked down—at a tiny arrow—and went sick with terror. For in the Philippines poisoned arrows are the soldier's bugbear; and about San Benao there were many tribesmen adept in the use of the deadly dart.

Weaver glared at the wall of green jungle along which his beat ran. It quivered under the assault of a vertical sun, but there was no one in sight. Hastily he tore open his shirt and undershirt, and a prayer of thanksgiving ascended from his heart. The skin was not broken; the virus could have no effect.

Then, gingerly, he untangled the barb of the arrow, and laughed sheepishly. It was innocent of the deadly brown stain at the tip; so it was not a poisoned arrow at all. The dart was daintily fashioned, almost as light as a straw, and was stained a pale blue.

At the feathered butt something white was attached—a little roll of paper. He smoothed it out, first assuring himself that Meigs on his right and McCarthy on his left were walking their posts and paying no attention to him. On the bit of paper, in a round feminine hand, was a single word, "amigo."

"Amigo—friend," pondered Weaver, his boyish brow wrinkling with perplexity. "With a question mark attached. A woman wrote that. Am I a friend of a woman in distress? Am I game? I am." Turning to the wall of green he said cautiously, "Yes, senorita."

Snick.

On the next turn another tiny arrow whizzed out of the jungle and clung to his breast. He unrolled the note it bore; "I fear lookers and can not talk now. At the church of San Juan at midnight. Three small whistles."

"Twice—over the heart," mused Weaver. "That's some shooting. O, you Filipino Cupid!"

* * * * *

It was dark at midnight at the church of San Juan, and lonesome. The moon had gone down. Private Weaver kept the butt of his revolver within reach. The church was outside the American lines and wandering bands of insurgents criss-crossed through the jungle, looking for unfortunates to cut up.

As the sexton beat out the hour with his bamboo hammer on the chimes of San Luis in the village, Weaver gave three low whistles. A rustle and out from the jungle stepped two women. They were faintly outlined in the starlight—a slender girl ahead, an older woman stooping behind.

"Thees is the Senor Weaver?" asked the young woman, in curiously accented English.

"It is," said the soldier.

"I have come to save the life of a countryman of yours," she continued. "He was a soldier, too, but the insurrectos captured. He in the village of Gomaro is kept but a few miles from here, but much hidden. The insurrectos leave it soon; they can not take him on the march. He must die. With your help, my father and I can save him. We can to the village go, since the insurrectos trust us. You will aid?"

"Sure," returned Weaver, heartily. He was betting with himself that a girl who owned a low voice like that must be pretty. "You aren't a Filipino?" he queried abruptly.

"I am Spanish," returned the girl proudly, "and in your United States was educated. But listen," and she talked rapidly for several minutes.

"Fine," cried Weaver, admiringly, when she had finished; "that's a good plan, senorita. I never would have thought of it."

"Your praises please me, senor," said the girl, quaintly. "Until tomorrow, then."

It was a slim, smooth hand which answered—or did it?—his own quick pressure. Then she was gone, followed by the faithful duenna.

Having been relieved from guard at 8 o'clock that night, Weaver had twenty-four hours' liberty. At reveille next morning he slipped away, carrying two rifles, sandwiches and a well-filled canteen. By the middle of the forenoon he was hidden beside a dim trail three miles beyond the church of San Juan. A shaggy pony kept him company.

Down the trail had gone the senorita, the bent and wrinkled crone who had been her companion in the church yard and the Senor Orilla. The soldier had won his bet with himself. The senorita was pretty—bewilderingly pretty—with great dark eyes, creamy cheeks and red lips. He passed the hours most agreeably thinking of her.

About 1 o'clock the duenna returned afoot at a speed surprising in one of her years. Weaver assisted her onto the pony and sent her on her homeward way. She could speak nothing but Spanish, but thanked him with a friendly smile that lighted up her wrinkled brown face.

With mid afternoon came the sound of hoofs, and Weaver slipped out of his lair to greet the senor, his daughter, and a duenna as like the one who had gone before as one bean is like another—dressed in the same gaudy and voluminous skirt, with the same mass of gray hair, the same brown, seamed face—a figure that slipped off the pony with a joyful roar at the sight of Weaver. It was little Mallory, the trumpeter of Weaver's own company, missing for weeks and given up for dead.

A few hurried words explained it all; his capture and confinement in a village.

It had worked out perfectly, but even as they talked faint sounds came from the trail below. The insurrectos had discovered the deception and were in angry pursuit. The senor and his daughter hurried up the trail, taking Mallory's pony with them. The two soldiers, each with his Kragg cuddled to his shoulder, lay down at a turn of the path to cover their retreat.

The fight that followed is an army tradition. Hearing the firing, Captain Carter, commandant at San Benao, rushed out two companies to do a little investigating. Near the church at San Juan the troops encountered a Spanish gentleman mounted and leading an extra pony. His pretty daughter, from whose cheeks the roses had fled, piteously implored them in quaint English to hurry to the aid of Senor Weaver, who was hurt.

Down the trail they went at the double—to stumble onto Weaver, lying prone in the dust and firing viciously, a red stain growing on his legging. Beside him lay—apparently—a little old Filipino woman, gaudy skirt tucked up to show a pair of faded and tattered khaki breeches. "She" was emptying a long-nosed Kragg with deadly effect into a cloud of advancing insurgents, and swearing comprehensively while the blood from a wounded arm dripped off "her" finger tips.

At the sight of the howling reinforcements the Filipinos fired one more futile volley and disappeared with great celerity. Weaver and Mallory lay at ease in the dust as their comrades charged over them and grinned at one another as men will grin who have done a good day's work.

Some evenings later, Weaver, a cane between his knees, sat beside the Senorita Orilla, on the porch of a house in the village. For obvious reasons, the senor and his daughter had abandoned their home outside the lines, beyond the church of San Juan.

"The regiment has been ordered home," said Weaver; "we sail in three weeks from Manila."

"It is so?" replied the senorita, demurely; "then we will together go. For my father is decided to live in America. He has all his lands sold here."

Weaver gathered one of the little hands into his own strong fingers. "Isabella," he murmured, "can't we always be together? That first arrow you fired pierced my heart; you alone can heal the wound. There is a priest in the village. We can be married before we sail."

With a sigh of utter content, the girl dropped her head against his shoulder. "There must be a Filipino—what you call—Cupid?" she said. "For my heart was pierced, too, at first sight of you, tall, brave Americano. So I kiss the arrow before I fire him, and pray he reach his mark."
—Kansas City Journal.

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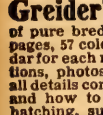


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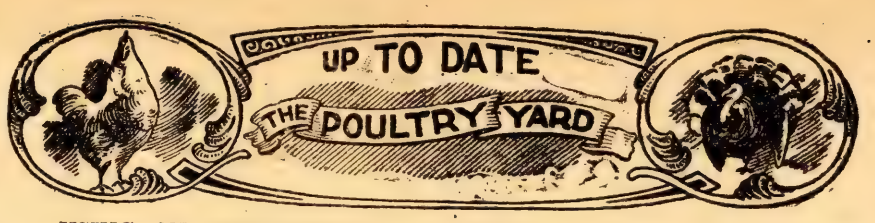
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USING AN INCUBATOR

MORE than the usual number of farmers bought incubators last winter, and are expecting to use them this spring. Most of them will have been set before this paper reaches its readers, but we copy from an exchange the following plain and simple instructions:

Artificial incubation has been in general use for so long, both with the special poultry plant and on the general farm, that no argument is necessary to show its value. The main reasons why the incubator is better than the hen are that eggs may be set at any time in late winter or early spring to bring off hatches for extra pullets for early fall laying, or cockerels for the market. The hens may or may not become broody, while the machine is always ready for business. If one desires to raise a large number of birds the incubator can be made to turn out the desired amount. Where hens are used for hatching, the broods come off in small numbers, scattered through a long season, while with the incubator hatching and brooding may be done in a comparatively short time, so that it does not interfere with other work of the season. It is about as easy to care for a hundred chicks from the machine as a dozen chicks from one hen.

On many farms both hens and incubators are used for incubation, machines of from 100 to 200-egg capacity being used. The busy farmer's wife finding it as easy to care for the machine in the house as to bother with hens outside. The incubator on the farm has become as common, or more so, perhaps, than the gasoline engine.

For success with artificial incubation, the first essential is a good machine, one from a reputable firm which is guaranteed to do good work perfectly. Most of the machines now turned out by all firms are perfect in construction and will hatch a large percentage of fertile eggs if instructions accompanying the machine are carefully carried out. When you purchase a new machine always study well the directions for running it. Nearly all machines operate on the same general principles. The careful operator frequently secures larger hatches from a cheap machines than the careless person from a high-priced machine.

The inside temperature of an incubator filled with eggs must be kept constantly at around 103 degrees F. Before eggs are placed in it, start the machine and find if you can regulate the lamp and temperature so that a constant heat will be maintained day and night. Set the regulator according to directions, and do not change it after it is once in good working order. Let the machine run about two days, and at the end of this time if it is found that a constant heat can be held, place the eggs in it. The eggs of course, will be colder than the inside temperature of the machine, and hence, when they are placed in it the inside temperature will drop and remain low till the eggs have become warmed all through. Do not turn the wick for increasing the heat when the first temperature drops, but wait for half a day at least for the temperature to rise gradually.

The best place for the machine in use is a room of the house where the day and night temperature are fairly constant. A north room, where the sun does not shine in at the windows, is best. A good, dry cellar makes a good room, yet many objest to cellars because of extra trouble in walking up and down the cellar stairs. An incubator is really a nice piece of furniture, and hence it is not objectionable in any room of the house. After one becomes used to it the machine is as easy to operate as a common lamp or kitchen range and frequently less bother.

The hen which has her nest in an isolated place usually brings off the largest hatch for the reason that she is not disturbed and is able to carry out natural requirements fully. For this reason do not "fuss" with your incubator when in operation. Let it alone and keep the door closed when it is going all right. When visitors come allow them to look at the machine and at the eggs through the glass door, but do not open the door. Supply needed moisture and ventilation, and cool eggs daily according to directions with the machine. Above all, close the doors on the nineteenth day and do not open it for any reason till the hatch is fully completed. Many chicks are killed by opening the door on hatching day.

TUBERCULOSIS IN FOWLS

WE DO not know whether it is so or not, but it is no wsaid by scientists that common barnyard fowls are having tuberculosis. It is said the birds so attacked may have good appetites and look well generally, but they seem to waste away gradually and die. Often hens so affected have diarrhea, lameness, and become weak and stupid before they die. This is said to be a germ disease and the germs are spread from the droppings of the affected fowls. The liver, spleen, kidneys, intestines and joints may become seats of the disease, thus developing different symptoms in different fowls.

It is conceded that there is little use in trying to doctor fowls so affected. It seems to be as persistent and as fatal as tuberculosis in the human family, and that has so far defied the world's greatest medical skill. Kill and burn all sick birds as soon as discovered.

And this invites an examination of the poultry house. Foul air is always a breeding place for germs, and foul air is always found in a filthy house. Keep the house clean, perfectly clean, and see to it that there is good ventilation. Ventilate from the top and not from the sides. In this way the fowls will not be subject to a draft, and the good air coming from above more successfully drives out or neutralizes the bad air that may lurk within. Were we to discover symptoms of this disease among our fowls, our first act would be to close the poultry house, and send the flock into the trees to roost. Living out doors and breathing none but the open air is conceded to be about the only way this fatal disease has ever been favorably affected.

We write this not to alarm poultry keepers, but rather to put them on their guard as to the scare tales they may hear from other sources. We do not think there is much in it. But keep the poultry house clean any way, and give the fowls plenty of fresh air.

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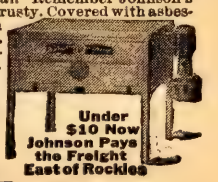
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For 18-in. 14 3-4c for 22-in. Hog Fence; 15c for 26-inch; 18 3-4c for 32-inch; 25c for a 47-inch Farm Fence. 48-inch Poultry fence 28 1-2c. Sold on 30 days trial. 80 rod spool Ideal Barb Wire $1.55 Catalogue free.

KITSELMAN BROS.,
Box 289 MUNCIE, IND.

FARM FENCE

13 3/4 cts. a rod

For a 20-inch or 15 cts. for 26 in. Hog Fence; 28 cts. for 50-inch poultry fence. Sold direct to the farmer on 30 DAYS FREE TRIAL. Special tarb wire, 80-rod spool. $1.45. Catalog free.

INTERLOCKING FENCE CO.
BOX 48 MORTON, ILLINOIS.

THE RATCHET WIRE SPLICER

Will wrap with ease the largest hard wire in the narrowest space in a woven fence. Sample by mail post paid for 50 cents. Agents wanted. Free illustrated circular.

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THE OLD RELIABLE
LAMBERT'S
DEATH TO LICE

Insures Clean Fowls—Large Profits It has been the standard lice-killer for over 25 years—the standby of successful poultry-keepers. Easily used, absolutely safe; sure and quick in results. Try it and see your fowls grow faster and hens lay more. If not at your dealer's send 10 cents for sample of **powder** for hens or of **ointment** for head lice on little chicks. Valuable booklet "Eggs and How to Get Them" mailed for 2-cent stamp.

O. K. STOCK FOOD CO., 370 Traders Bldg., Chicago



Your sneezy, swollen-headed roup-infected chickens can be cured by giving MARTIN'S ROUP REMEDY in the drinking water; not necessary to separate the flock; it cures the sick and keeps the well ones well.

Get it and use it tomorrow and make layers of your dumpy hens while eggs are selling at a good price.

If your druggist does not have it send 50 cents and his name to E. MARTIN CO., 518 South 40th Street, Omaha, for full sized package. Your money will be returned if you are not satisfied.

SEASONABLE POULTRY CHATS

By Mrs. J. B. Howe, Fortville, Ind. ...

UNLESS some special food and attention has been given the hens, it is more than probable that, on the majority of farms, no great harvest of eggs has as yet been gathered, but it is time now that some stir in this direction should be made.

It is an undecided question whether hens intended for spring breeders should be forced to lay through the entire winter.

It is conceded by thoughtful people everywhere that "Biddie" is a sort of machine into which certain kinds and quantities of feed must be fed in order that she may make satisfactory returns in filling the egg basket.

Under ordinary conditions the hen is either not fed enough, or she is given food unsuitable for the manufacture and production of eggs. When running at large, in the summer time egg production comes as a natural process. The weather is favorable, young and tender green growths are springing up everywhere. The festive bug, moth and beetle are leaving their winter hiding places and the hen goes forth to conquer and devour any or all of these delicacies which appeal to her wants and necessities. The little grain she manages to pilfer from the other livestock suffices, and she trills a merry song as she wanders by the brook to slake her thirst or to select the pebbles she requires to grind the grist within her crop, or the clam shells, or the snail, shell and all, to assist in the manufacture of that wonderful mechanism—an egg.

In the winter all things are different and these things must be supplied; these summer conditions in a measure, brought about, if the hens are expected to supply eggs in winter, as they do in the summer. This is why so many fail in obtaining winter eggs. Simply because they fail to supply the needed conditions.

Often times the feed is nothing but corn. This is all right to supply warmth, but it is too fattening and instead of laying eggs, the hens just put on layers of fat—if fed liberally enough—and what is worse still, they will not lay in the spring until by means of liberal exercise they succeed in reducing this flesh.

Some mistaken poultrymen and poultry women manage to get a few winter eggs by feeding stimulants, poultry tonics, etc. This is not wise, for a stimulant is to the hen as a whip to the jaded horse. Under its sting or pressure the animal goes for a time, but is eventually left more jaded than ever.

Winter eggs command the prices, and winter eggs are what most people are after, but we return to one question, whether it is wise, fair to the hen, fair to yourself and fair to the customer to whom you expect to sell eggs for hatching to keep the hens pushed to the very ... ost of their strength, producing winter e...?

Does it not look as though the germs in the eggs laid in the spring, after continuous winter laying, would be inclined to be weak? It seems so to us, and observation has proven it to be the case.

And yet we believe a discrimination might be made in the case of pullets. We believe it will do no harm to allow them to lay out their first clutch of eggs in winter, not by forcing, but rather by scientific and generous feeding.

This seems especially feasable, inasmuch as the first eggs laid by pullets do not usually hatch very well, and when they do hatch the young are not inclined to be very strong.

We believe the hens intended for future breeders and eggs-for-fancy-purpose producers should be liberally and judiciously fed, and if they respond by laying eggs, well and good. It only proves their great laying propensities, but rather let this end be in view, the health and thrift of the mother and egg-producer when the breeding season arrives, than the mere multiplicity of winter eggs.

Where hens are kept for the sole purpose of getting everything possible out of them in from two to three years, and then disposing of them, the case is different, and one is fully justified in pushing them to the largest egg-production possible. But chickens of this class should never have their vitality lowered by lice or unsanitary housing for even with the best of care, the hen will be taxed to the utmost in keeping up her own bodily vigor and at the same time, making a daily contribution to the egg basket.

The successful poulterer makes a study of the daily needs of the flocks when he goes to feed. He is not in too great a hurry to stop and watch the actions of each bird. If one fails to come up with its accustomed eagerness he keeps an eye on that bird, and if it continues to act in that manner, an examination is made to determine the cause. Last spring we noticed our best prize rooster seemed to go lame. An investigation showed a large brass pin had penetrated entirely through the fleshy underpart of the foot and had turned green. It required quite a pull to extricate it. We then applied peroxide of hydrogen a few times and the foot was soon as well as ever.

But think of the pain and discomfort he would have suffered had we not discovered his plight. Oftentimes a choice hen gets a thorn in her foot, which, neglected, would cause bumblefoot, and sometimes this painful affliction makes an appearance without any evident provocation. The hard core should be removed, with a sharp knife, and a little of the foregoing remedy applied to the wound. It will sizzle and boil, but appears to be painless, and leaves the wound clean looking and in fit condition to heal.

So treat the fowls humanely, and if you do your part well they will not be negligent in fulfilling theirs.

THE SURE HATCH IS MADE RIGHT

Uncle Sam never says how a thing ought to be made until he knows. Farmer's Bulletin No. 236 of the U. S. Dept. of Agriculture tells the right way to make an incubator and what features a good incubator must possess. The Sure Hatch contains every one of those features and is made exactly as Uncle Sam says an incubator ought to be made. The

Sure Hatch Incubator

is the only one on the market that unqualifiedly meets every requirement of the government. It's the one perfect incubator.

We will send you a Sure Hatch for a 60 DAY FREE TRIAL, pay the freight, and refund your money if you are not satisfied.

Send for Farmer's Bulletin No. 236, sent free by the Government. Send also for the Free Sure Hatch Book. Read the Government requirements of a good incubator, then read the description of the Sure Hatch Incubator and you will see why we guarantee the Sure Hatch to hatch every fertile egg.

Write for catalog. Early chicks pay best.

Sure Hatch Incubator Co.,
Box 28 Fremont, Neb.

125 Egg Incubator and Brooder Both For $10

Freight Paid

Why pay more than our price? If ordered together we send both machines for $10.00, and pay all the freight charges. Hot water, double walls, dead-air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery underneath the egg-tray. Both Incubator and Brooder shipped complete, with thermometers, lamps, egg-testers—all ready to use when you receive them. All machines guaranteed. Incubators are finished in natural colors showing the high grade lumber used—no paint to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Send for the free catalog today, or send in your order and save time.

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HARNESS FROM MAKER AT WHOLESALE PRICES

If you pay more for Harness than our price you will pay too much and get no better Harness. You cannot afford to do it. We sell Harness and Saddles direct to the user at wholesale prices, saving him all the middleman's profits. Besides that

WE PAY THE FREIGHT

We put the finest quality leather and workmanship in our goods and guarantee satisfaction. Hundreds of customers buy all their Harness of us, and have for years; every sale satisfies and makes a friend for our shop—that means that our Harness and prices are right. Send for our big free Catalog, and see how we save you money—but don't buy until you get the catalog or you'll be sorry. Write for it Today.

H. & M. Harness Shop, 20 Illinois Avenue SO. ST. JOSEPH, MO.

PUT UP REPUBLIC FARM GATES

Handsome Catalog of Republic Farm Gates and Ornamental Fences sent FREE.

And see for yourself how convenient, inexpensive and durable they are.

Easily raised above snow drifts, or to allow chickens or hogs to pass, at the same time turning cattle and horses.

Cost less than wooden gates, more easily handled and last ten times as long.

REPUBLIC FARM GATES

are built to stand the wear and tear of years. Frame made of high carbon extra heavy tubular steel, thoroughly braced to prevent sagging. No holes to weaken the gate. Fabric is large heavily galvanized, rust proof wires, closely spaced. A gate that weather and stock cannot destroy.

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WHEN WRITING ADVERTISERS"
"PLEASE MENTION UP-TO-DATE FARMING

Tap the Air for Nitrates and Cut Your Fertilizer Bill in Half

High Bred Nitrogen Gathering Bacteria put on the Seed will do all the Work

DON'T pay big prices for nitrate fertilizers. Don't waste the time and labor needed to spread them. Let nitrogen-gathering bacteria do the work for you at a mere fraction of the cost and practically **no extra work.**

Here is the making of all the nitrates you want at a cost of $2.00 an acre.

This Bottle does the work for an Acre.

FARMOGERM

High-Bred Nitrogen-Gathering Bacteria.

Farmogerm is a pure culture of ...ogen-...ering bacteria that have been carefully selected and bred up to a state of strong vitality and great nitrogen-fixing power. That is our guaranty. Farmogerm is a jelly-like culture, put up in specially sealed bottles, guaranteed to reach you in perfect c...dition and to keep for months.

It is Ready to Use on Your Seeds

Just mix with water and moisten the seed or spray on soil or young plants. The bacteria will increase rapidly, by the millions, in the soil, and draw nitrogen from the unlimited supply in the air, feeding it to the growing crop and storing it in the soil for future crops. For use on Alfalfa, Clover, Peas, Beans, and all legumes.

Get Our Free Book and reports from high authorities and many farmers who have tried it and know. We can prove every claim. The U. S. Dept. of Agriculture states that the pure culture method of soil inoculation has "come to stay." Order Now if you want to plant at once, or spray on what you have planted. Acre size $2.00—Garden size, for Peas, Beans and Sweet Peas, in mixed culture, 50c. White Clover also in 50c.-size. Mention what crop you want it for when ordering. We pay postage or express charges to you.

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Greatest Of All Berries



This is the **Greatest Berry** the world has ever known, discovered in the Himalaya Mountains. Its growth and productiveness is simply marvelous. It is perfectly hardy everywhere and grows from 30 to 50 feet in a season and can be trained on arbors or trellises of any kind.

The Engraving shows one Plant from photo July 1, 1910, which is trained to a large trellis loaded with fruit, and continued bearing until October.

The Fruit is black, almost coreless and the large luscious Berries borne in enormous clusters will literally melt in your mouth. It is unsurpassed for eating fresh, cooked, canned or preserved in any form and is the Greatest of all Berries for all Climates.

Everybody can and will grow this **Great Berry** for it is the easiest Fruit in the world to grow, is splendid for city people or any one with limited space, for it can be trained up from the ground like a tree producing Berries from 8 to 4 months, growing larger and producing more Fruit each year.

We guarantee this the **Greatest** of all new **Fruits** and can produce facts no one can get away from.

Beware of imitations. Giant Himalaya is a family by itself and highly valued wherever grown. The English Himalaya or Plants raised from seeds cannot be relied upon for fruit or hardiness. **Our plants are from tested parent stock. Complete satisfaction guaranteed**

Instructions for cultivation with a booklet of receipts for using in many ways free with all orders.

Strong plants 30c each, 3 for 60c, 6 for $1.00, 15 for $2.00, 25 for $3.00, postpaid.

Our 1911 Catalogue of Vegetable and Flower **Seeds**, Plants and Rare New **Fruits** free with every order.

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EVERGREENS

We Have Over Fifty Million Evergreens All hardy, tested, nursery grown stock. We ship to all parts of the world. Large as well as small trees supplied, $4.00 and up per thousand. Our prices are lowest of all. Quality the highest.

Hill's Trees Grow

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You can have a beautiful windbreak, hedge, shelterbelt or screen with the hardiest of evergreens at a very low cost. Our beautiful catalog, illustrated in colors, is a mine of information on evergreens, shade, ornamental and fruit trees, shrubs, roses and vines. Don't buy until you get free catalog and sheet describing 50 wonderful bargain lots. Send for them today.

D. Hill Nursery Company, Box 217, Dundee, Illinois
Evergreen Specialists

ST. REGIS EVERBEARING RASPBERRY



Bears the first season! The most productive raspberry—planted in April, bears continuously from June to October of same year. The first to ripen and the last. Berries large, of bright red color and excellent quality — ship 200 miles in first-class order. Absolutely hardy & sun-proof.

Our new catalog Free—tells how to choose and grow small fruits "that produce profits."

J. T. LOVETT,
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WRITE THE ADVERTISERS

Whose announcements you find in Up-to-Date Farming. You will profit thereby and it helps both the Advertiser and the Publisher.

GRAPE VINES

We are the largest growers of Grape Vines in the middle west. Our stock is grown on Michigar soil. Strong, vigorous and well graded. All kinds of fruit trees and plants. Send for descriptive catalogue.

GRAND MERE NURSERY, BARODA, MICH

Buy Direct, Save Money and Get the Best

Peach trees, fine at $4.00 per hundred. Apple 10c, cherry 8c; all kinds of trees, and berry plants cheap. Catalog free. Ernst Nurseries, Moscow, O., Box 11.

GROW YOUR OWN FRUIT TREES

and save 90c on the dollar, besides getting what you want. My book on Propagation tells you all about it. Send your address on a postal to

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FRUIT and Shade Trees, Small Fruits, True to name. ½ Agent's prices; big illustrated catalog FREE. 24th year. Add. HOME NURSERY, Sta. La Fayette, Ills.

EVERGREENS 2-3 ft. $12 per 100 and 6-4 Fruit Trees 4-5 ft., 324 Berry bushes and plants for $16. Write for catalogue.

West Side Nursery, B 6, Postville, Iowa

Strawberry Plants 20,000,000 strong nursery inspected plants. Great Norwood given free. Send for low priced catalog. We ship to every state. Mayer's Plant Nursery, Merrell, Mich.

PEACH trees, 2c, and up. Largest peach nursery in the world. No agents, sell direct to planters stock true to name. Lowest Prices. Free Catalog.

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STRAWBERRY PLANTS *$1 Per 1000* and up. Catalogue free. ALLEN BROTHERS, Paw Paw, Mich.

GARDEN and ORCHARD

SAMUEL ARMSTRONG HAMILTON, Editor

The editor of this department will answer inquiries by mail if a stamped envelope be enclosed, and desires all to write him freely. This is your department; use it. Horticultural books and pamphlets will be reviewed if sent in. If you desire to know where any seed, plant, or implement can be had, write me. If obtainable, I will tell you.

YOUR HELP

This DEPARTMENT, as well as all others in this great farm paper, is run distinctly in the interests of its readers. **Our entire wish is to serve you,** and in doing so it is just as easy to serve half a million, as the 150,000 we now serve. Have you enough feeling of BROTHERHOOD for the other 350,000 we would like to serve, to secure JUST TEN of them as subscribers **for five years,** at $1.00 each? You will get returns in our ability to then serve you better.

Sincerely,
SAMUEL ARMSTRONG HAMILTON, Garden Editor.

PUBLICATIONS RECEIVED.

Burpee's 35th Anniversary Supplement

This is a very interesting history of the great Burpee seed firm and its unique achievements during the thirty-five years existence. Interesting and valuable, to the garden lover: **Free.** W. Atlee Burpee & Co., Philadelphia, Pa.

Seed Catalogues

Vaughn's Seed Store, Chicago, Ill.; Fottler, Fiske, Rawson Co., Boston, Mass.; W. Atlee Burpee & Co., Philadelphia; Gillette's Hardy Fern and Flower Farm, Southwick, Mass.; Conard & Jones Co., Roses, West Grove, Pa.; Peter Henderson & Co., New York, N. Y.; James Vick's Sons, Rochester, N. Y.; Ellwanger & Barry Nurseries, Rochester, N. Y.; Henry A. Dreer, Inc., Philadelphia, Pa.; O. K. Seed Store, Indianapolis, Ind. The above catalogs are works of art, and full of fine illustrations and instructions of value to gardeners and general farmers.

SPRAYING ORCHARDS IN SPRING

It is universally conceded that without spraying it is impossible to have fruit that is fit to market. This applies to all portions of our country in which it is possible to grow the deciduous fruits, and, being the case, and the fruit grower being aware of it, there is but one thing to do—spray.

By the time the paper in which this appears in print reaches you, it will be almost time to get to work in the more southerly portions of the deciduous fruit belt, and preparations should be made promptly to start a campaign against the insect and fungous foes which infest our orchards, in order that your crop of fruit will be of the kind which is known in the market as "extra fancy," and even the second grade rank as "choice."

To attain this end it is necessary that all the work be done thoroughly. It would be a revelation to the farmer, who has not gone into it, to read the bulletins of the various experiment stations, wherein they tell of experiments upon the fecundity of [illegible] instance, the San J[illegible] insect is left al[illegible] orchard is not s[illegible] be to kill all of [illegible] cation—for they w[illegible] to time during t[illegible] by being carried on the [illegible]rds.

It seems to be the irony of fate that the fruit-grower's best friends, the birds, should be the means of spreading his worst enemy—the scale, but it is the truth. The scale is an insect which can not, of its own self, get more than in few inches from the place where it was born. It has been proven that a few of the newly born young are carried to other trees by high winds, but almost the whole tribe are scattered by the birds, and one scale, in two years, can populate a whole tree. Can you realize the immensity of the numbers which are required to do this. Realize that the scale is not borne from an egg, but like the aphis, is born alive from the body of the mother, and they propagate with incredible rapidity—I will not inflict on you a lot of big figures, but merely say that if you overlook a few scale on each tree, this spring, look for little good fruit next fall.

What to Spray

It may be necessary to tell some of my readers what it is that should be sprayed. The apple, peach, plum, cherry and quince require early spraying before the foliage comes, in order that every shred of the bark can be covered with the spraying solution, and there are a number of small fruits which will require spraying, but I will treat of them in another article. This one is merely to tell of the spraying which must be done now, for scale, and the spores of fungous diseases which may have lived on the trees over winter.

Spraying Solutions

It has been a mooted question with the experts whether the small grower —the farmer who has not a commercial size orchard, should make his lime-sulphur spray mixtures. This has been thrashed out in the fruit papers until the conclusion has been reached that it will only pay to do so in case the farmer already has all the necessary implements on hand with which to properly do it; the tanks, boilers, strainers, and other things necessary. If he has, and this initial expense can be avoided, then it MAY pay him to make his own stock solution. For it has been well settled that there should be a stock solution. The making and immediate using of a spraying solution of the lime-sulphur kinds, is not considered best.

There are reasons of cost and others which will deter the ordinary farmer from making his own solutions. In the first place it is a messy job which few, especially hired men, relish, and it is hard to get inexperienced help to give it the careful attention it de-



MAULE'S SEEDS

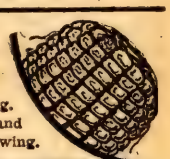
ONCE GROWN ALWAYS GROWN

Is the reason why for many years past I have done such an enormous seed business. 79,430 customers in Pennsylvania alone, with almost half a million the world over. My New Seed Book for 1911 is a wonder; contains everything in seeds, bulbs and plants worth growing. Weighs 12 ounces; 600 illustrations, 4 colored plates, 176 pages. Any gardener sending his name on a postal card can have it for the asking. Address

WM. HENRY MAULE
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Send 6 cents (stamps) and mention this paper and I will enclose in the catalogue a packet of seed of the above choice pansy.

Gregory's Improved Original Crosby Corn



Deliciously sweet, early bearing. Favorite for Market Gardeners and fancy shore trade—all our own growing.

GREGORY'S SEEDS

Gregory's Honest Seeds are sure growers and guaranteed to be pure and fresh. Equally desired by large truck farmers down to kitchen gardens. Ask for 1911 Catalogue—larger and more helpful than ever.

GREGORY'S HONEST SEEDS

J. J. H. GREGORY & SON,
57 Elm Street.
Marblehead, Mass.

10,000 SEEDS 10c.

We want you to try our **Prize** Seeds this year and have selected **50 best varieties** and put up **10,000** seeds especially to grow Prize Vegetables and Flowers. They will produce more than $25. worth of Vegetables and 10 bushels of Flowers.

800	Seeds	Cabbage	3	Best Varieties	3 pkts.
2,600	"	Lettuce	4	"	4 "
800	"	Onion	2	"	2 "
1,000	"	Radish	4	"	4 "
300	"	Tomato	3	"	3 "
2,000	"	Turnip	4	"	4 "
2,500	"	Flowers	30	Grand Flowering Varieties	

In all **10,000** Seeds, and our new Seed Book with a **10c** Credit Check good for 10c selection, postpaid, 10c.

FAIRVIEW SEED FARMS, Box 122, Syracuse, N. Y.

Be generous—When you write to our advertisers mention Up-To-Date

Wonderful Fall Bearing STRAWBERRY PLANTS



Make $2000.00 an acre. 500 of our Fall-Bearing Strawberry Plants, set out in Spring of 1910, produced in Aug., Sept., Oct. and Nov. nearly 400 quarts of large, luscious berries, which sold at 40c to 50c per quart, netting us over $2000 to the acre. Here is your opportunity! Don't miss it by waiting until everybody begins growing these wonderful berries. Order your plants now while a field of them is "better than a gold mine," and clean up big money. We are headquarters for those Fall-Bearing Strawberry Plants. Also all other Berry Plants—Raspberries, Blackberries, Currants, Gooseberries, and Norwood and Early Ozark Strawberries. Hastings Potatoes—the best yet. 28 years experience.

Big Catalogue FREE

L. J. FARMER, Box 135, Pulaski, New York



Hardy "Blizzard Belt" Giant Strawberry Plants FREE

Everybody likes fine strawberries, and to prove that our new GIANT variety is the largest and strongest grower, as well as the heaviest fruiter, we offer to send you TWO PLANTS (worth 30 cents) absolutely FREE. We have picked 12 quarts of fine berries from a test bed grown from but two GIANT plants set the year before. You can do as well, and at the same time raise young plants for a new bed. If you care to send 10 cents for mailing expense, we will add 6 BABY EVERGREENS 2 years old, and send all to you at proper planting time in the spring. It will pay you to get acquainted with our "HARDY BLIZZARD BELT" Trees and Plants. Write to-day and we will reserve the plants for you and send you our catalog by next mail. Address

THE GARDNER NURSERY CO., Box 328, Osage, Iowa



Peach Trees

800,000 Peaches 5 to 7 feet 9c.; 4 to 5 ft. 8c.; 3 to 4 ft. 6c 2 to 3 ft. 4c.; 2 to 3 ft. light 3c. 200,000 Apples, 50,00; Pears, 50,000 Plums, 100,000 Cherry, 300,000 Carolina Poplar, and millions of Grape and Small Fruits. Secure varieties now pay in Spring. Buy from the man who has the goods and save disappointment. Catalogue

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We make 160 styles. Horse cattle, sheep, hog, and bull proof fences made of No. 9 double galvanized wires and absolutely rust proof

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Poultry and Rabbit Proof Fences, Lawn Fences and Gates. Send for Catalog and Free sample for test.

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Dept. 70 Cleveland, Ohio

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FENCE

EMPIRE FENCE

Get the genuine EMPIRE big wire fence, direct, at wholesale. Save dealer's profits.

Big Factory, Big Sales, 23 Styles

No traveling salesmen, small expense, prices low. Everything guaranteed. Free samples by mail. Prices of leading styles freight prepaid to all points north of the Ohio and east of the Mississippi River:—

Wires	Inches high	Medium Weight	Extra heavy (all No. 9)
9	39	23c per rod	37c per rod
10	47	26c per rod	41c per rod
12	55	32c per rod	49c per rod

Special rates beyond this territory.

BOND STEEL POST CO., 31 E. Maumee St., Adrian, Mich.

13½ Cents a Rod

For 18-in. 14 3-4c for 22-in. Hog Fence; 15c for 26-inch; 18 3-4c for 32-inch; 25c for a 47-inch Farm Fence. 48-inch Poultry fence 28 1-2c. **Sold on 30 days trial.** 80 rod spool Ideal Barb Wire $1.55 Catalogue free.

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It is an undecided question whether hens intended for spring breeders should be forced to lay through the entire winter.

It is conceded by thoughtful people everywhere that "Biddie" is a sort of machine into which certain kinds and quantities of feed must be fed in order that she may make satisfactory returns in filling the egg basket.

Under ordinary conditions the hen is either not fed enough, or she is given food unsuitable for the manufacture and production of eggs. When running at large, in the summer time egg production comes as a natural process. The weather is favorable, young and tender green growths are springing up everywhere. The festive bug, moth and beetle are leaving their winter hiding places and the hen goes forth to conquer and devour any or all of these delicacies which appeal to her wants and necessities. The little grain she manages to pilfer from the other livestock suffices, and she trills a merry song as she wanders by the brook to slake her thirst or to select the pebbles she requires to grind the grist within her crop, or the clam shells, or the snail, shell and all, to assist in the manufacture of that wonderful mechanism—an egg.

In the winter all things are different and these things must be supplied; these summer conditions in a measure, brought about, if the hens are expected to supply eggs in winter, as they do in the summer. This is why so many fail in obtaining winter eggs. Simply because they fail to supply the needed conditions.

Often times the feed is nothing but corn. This is all right to supply warmth, but it is too fattening and instead of laying eggs, the hens just put on layers of fat—if fed liberally enough—and what is worse still, they will not lay in the spring until by means of liberal exercise they succeed in reducing this flesh.

Some mistaken poultrymen and poultry women manage to get a few winter eggs by feeding stimulants, poultry tonics, etc. This is not wise, for a stimulant is to the hen as a whip to the jaded horse. Under its sting or pressure the animal goes for a time, but is eventually left more jaded than ever.

Winter eggs command the prices, and winter eggs are what most people are after, but we return to one question, whether it is wise, fair to the hen, fair to yourself and fair to the customer to whom you expect to sell eggs for hatching to keep the hens pushed to the very [illegible] ost of their strength, producing winter eggs?

Does it not look as though the germs in the eggs laid in the spring, after continuous winter laying, would be inclined to be weak? It seems so to us, and observation has proven it to be the case.

And yet we believe a discrimination might be made in the case of pullets. We believe it will do no harm to allow them to lay out their first clutch of eggs in winter, not by forcing, but rather by scientific and generous feeding.

This seems especially feasable, inasmuch as the first eggs laid by pullets do not usually hatch very well, and when they do hatch the young are not inclined to be very strong.

We believe the hens intended for future breeders and eggs-for-fancy-purpose producers should be liberally and judiciously fed, and if they respond by laying eggs, well and good. It only proves their great laying propensities, but rather let this end be in view, the health and thrift of the mother and egg-producer when the breeding season arrives, than the mere multiplicity of winter eggs.

Where hens are kept for the sole purpose of getting everything possible out of them in from two to three years, and then disposing of them, the case is different, and one is fully justified in pushing them to the largest egg-production possible. But chickens of this class should never have their vitality lowered by lice or unsanitary housing for even with the best of care, the hen will be taxed to the utmost in keeping up her own bodily vigor and at the same time, making a daily contribution to the egg basket.

The successful poulterer makes a study of the daily needs of the flocks when he goes to feed. He is not in too great a hurry to stop and watch the actions of each bird. If one fails to come up with its accustomed eagerness he keeps an eye on that bird, and if it continues to act in that manner, an examination is made to determine the cause. Last spring we noticed our best prize rooster seemed to go lame. An investigation showed a large brass pin had penetrated entirely through the fleshy underpart of the foot and had turned green. It required quite a pull to extricate it. We then applied peroxide of hydrogen a few times and the foot was soon as well as ever.

But think of the pain and discomfort he would have suffered had we not discovered his plight. Oftentimes a choice hen gets a thorn in her foot, which, neglected, would cause bumblefoot, and sometimes this painful affliction makes an appearance without any evident provocation. The hard core should be removed, with a sharp knife, and a little of the foregoing remedy applied to the wound. It will sizzle and boil, but appears to be painless, and leaves the wound clean looking and in fit condition to heal.

So treat the fowls humanely, and if you do your part well they will not be negligent in fulfilling theirs.

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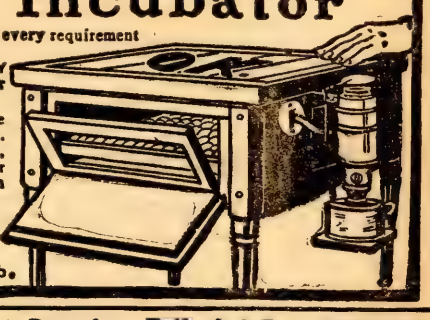
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serves, and must have. Then, also, it can not be made as cheaply on a small scale as it can in the large laboratories of the first class manufacturers. It is the same with fertilizers. How many farmers make their own fertilizers, and yet, it is easier to do so than to make their own spraying solutions.

This question has got to be met by the farmers as their ancestors met the questions of ready-made clothes, harness, shoes, and other products, which for centuries were made on each farm, but which, today, are better made by specialists. The "Pure Food and Drugs" act protects you, in that the solution must have in it just what the formula calls for and nothing less. My advice is for all, except the large commercial fruit growers, to buy standard lime-sulphur solutions, from some of the advertisers using our columns, and use it according to the directions.

Pruning Before Spraying

If you have not finished all the pruning which is needed in your orchard, do it at once, so that there will be need to coat only the limbs which will be allowed to remain. If an old, badly infested orchard is to be de-horned and top-worked, do it at once so that when the spraying is done nothing will need to be done to it until the second spraying comes along later. There is no use in spraying wood which will later be cut out. Burn the cuttings.

How Spraying Kills the Scale

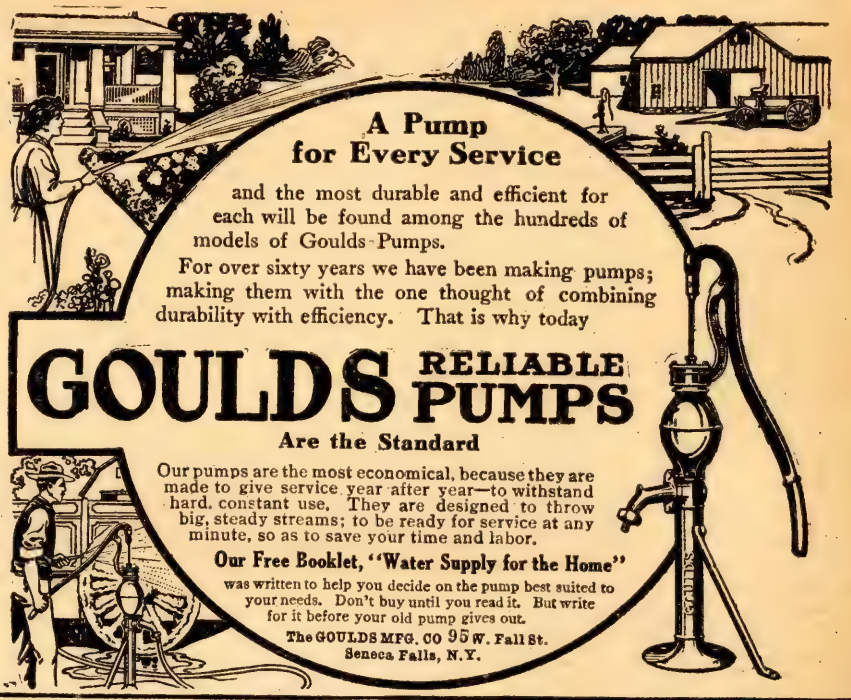
In order that you may understand the philosophy of spraying, let me say that the idea which many have, that the scale are killed by corrosive contact, is an erroneous one. It could be done that way, if a solution strong enough were used., but if strong enough to eat through the horny scale of the insect, what do you suppose it would do to the bark of tender trees? No! The killing of the scale is done by SUFFOCATION by coating the entire bark with the lime solution, through which they can not breathe. It is the same as if a ship load of lime were to fall upon a hundred people—it would smother them.

Spraying Outfits

I have for several years been advocating in this department the organizing of farmers into co-operative spraying associations the same as is done with threshing machines, and corn shredders, and I have gotten some data on it. Where there is a person with sufficient capital to undertake it himself, let him do it and charge a fair rate. It has proven by the experience of many fruit-growers that the very small sprayer is of no use on a big tree—and each farmer does not feel warranted in buying a five or six hundred dollar spraying machine for his own use, and there is no occasion for his so doing.

Spraying by Contract

There is a man in the west who has gone into the business of doing all the spraying of his neighbors' orchards and he has kept a record of his work, and the costs of doing it. He makes contracts with his customers by which they bind themselves to carry out his instructions as to the cultivation, thinning out and other work of the orchard, at such times and in such manner as he may direct, and he then guarantees the crop to be not less than ninety per cent first class fruit. His terms are $12.00 per day, counting time going and returning, and he arranges to do all in one neighborhood together, as that reduces the cost of all of them. He sprays for the scale, coddling-moth, canker-worm, scab, and rot, at the times required, and by his contract, one-half his fee is due when the first spraying is done, and the remainder when crop is picked, but—and keep this clear—but, if any grower fails to keep his share of the contract, by not cultivating, thinning, or doing other required things, his balance becomes due and is collected at once, and the guarantee as to percentage is void, and he leaves that grower to his fate. He has never had a reason to desert any of the growers, as,



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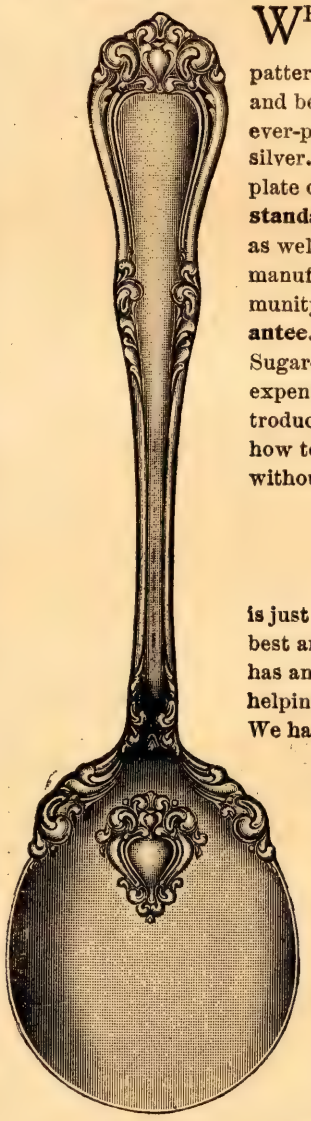
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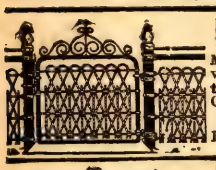
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after one season, they become enthusiastic on the subject of spraying.

What He Furnishes

The contractor furnished the machine and himself as director, and the orchard owner furnished the solutions, poisons, horses for traction, oil, gasoline and labor for assistance, and hauled the machine to tne next orchard. This will give an idea as to what can be done in contract spraying. The contractor and the orchard owners were all satisfied, and it seemed to be an equitable arrangement. I think a better one would be to have the contractor to furnish everything but the solutions and poisons (as every grower would have his preference) and all the labor, and do the work for so much a tree. It has been done in some sections of the west for 25 cents a tree per season, for the use of the machine and one man only. It can be worked out from this.

When to Spray for the Scale

This present article is on the spraying for San Jose scale only—the other sprayings for good reasons being taken up at their proper time, instead of being treated as one blanket subject. As the scale are killed by suffocation only, the solution can be applied at any time when the foliage is off the trees, but for practical reasons it is usually applied fall and spring, just after the leaves fall, and as soon as the temperature is sufficiently mild in the spring that the solution will not freeze. These are the times for the lime-sulphur solution. Do not misunderstand me to be opposing the use of the miscible oil solutions, a number of good ones of which are on the market, but for the fall, and early spring spraying I advise the lime-sulphur; for the later spraying, as I will tell you later on, the miscible oils are best, for the reasons which will then be given.

Spraying Machine

There are a number of good machines on the market, which have been tried and found to produce as high as 99 per cent of perfect fruit. The prices of these vary according to their size. When selecting a machine, keep in mind the work it will have to do, and do not get it too weak or small for that work. It should be able to deliver the solutions to the tree under the guaranteed pressure, as this is vitally necessary in order that it will stick, in the case of the lime-sulphur, and in the case of the sprays for coddling-moth, that it will enter the calyx of the young apples, and catch the first crop of that destructive insect. If you are not posted on machinery, engines, etc., consult some reliable person who is, so that you can be sure to get an outfit suitable to your needs. There is not likely a poor machine on the market, but some are adapted to certain kinds of work better than others. You should get the one YOU need.

Lime-Sulphur Stock Solution

There have been many experiments made by the stations to test the value of these solutions. Professor Surface, of Pennsylvania, the foremost economic zoologist of them all, says that when they contain no other ingredients but lime and sulphur they are excellent, and give perfect satisfaction—and he should know, for he went at them prejudiced in favor of the home-boiled solution, but, after tests, admits as above. I find that some of them are somewhat too optimistic as to their strength, and advise that none be weakened more than one part of stock solution to seven parts of water, or you may be disappointed as to their work.

The Manner of Application

As contract spraying comes into vogue there will be the trouble usually found when having delicate work done by hired help. When the farmer sprays his own trees he will give each application of the nozzle the most careful consideration, and see that every limb, twig, and the entire trunk are thoroughly coated from all sides. The operator who tries to tell you that he can with an inflexible sprayrod reach all over a large tree, from four positions only, is either ignorant or deceptive. The horses attached to the machine should be moved forward a few feet at a time until the whole tree is surrounded. In commercial orchards the custom is to run the aisles at right angles, and then the diagonals, which brings the machine into eight positions, at least, before every tree, and still admits the straight-away progress with the team. Try this in your orchard, and you will save time. You had better work close to the hired operator. It is an ugly, messy job, but, better a coat of lime-sulphur on an old suit, than merely half enough on your trees.

Put No Poison in Lime-Sulphur Solution

If any one tries to persuade you of the necessity, as some have, of putting poisons in the first lime-sulphur solutions, turn hi mdown hard. There is no necessity for it. In fact it is wasted. He is just trying to sell you the goods. I will, in another article later on, on the subject of later spraying, tell you the solutions in which poisons should be put, and when to apply them, and how to make the solutions. The solutions for summer spraying can easily be made at home, especially if you use any of the excellent miscible oil solutions advertised in this journal, by simply adding the required poisons.

If you desire to make your own lime-sulphur washes use these formulae.

Standard Lime-Sulphur Solution

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Set the bulbs six inches apart and six inches deep. They can be set promiscously or an oblong, or circular bed, or in any other form. Every bulb will grow as readily as a potato and is sure to bloom. No insect pests or blight to bother.



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Sulphur (flour) pounds 15
Water to make, gallons 50

Heat in a cooking vessel about one-third of the total quantity of water required. When the water is hot add all the lime and at once add all the sulphur, which previously should have been made into a thick paste with water. After the lime has slacked, about another third of the water should be added, preferably hot, and the cooking should be continued for one hour, when the final dilution may be made, using either hot or cold water, as is most convenient. The boiling due to the slacking of the lime thoroughly mixes the ingredients at the start, but subsequent stirring is necessary if the wash is cooked by direct heat in kettles. If cooked by steam, no stirring will be necessary. After the wash has been prepared it must be well strained as it is being run into the spray pump or tank. The wash may be cooked in large kettles or, preferably, by steam in barrels or tanks.

Concentrated Lime-Sulphur Solution.

The inconvenience experienced in preparing the lime-sulphur wash by cooking with steam or in open kettles at home has been one of the principal objections to this spray. Certain manufacturers have therefore put on the market concentrated solutions of lime-sulphur wash, which have only to be diluted with water for use. These commercial washes have proved to be about as effective in controlling the scale as well-cooked lime-sulphur wash, and have been adopted by many commercial orchardists in preference to the home prepared spray. They are especially useful for the smaller orchardist, whose interests do not warrant the construction of a cooking plant. In other ways, too, they possess advantages; for instance, those using the commercial washes may have always on hand a stock solution, so that the spray may be quickly prepared and advantage taken of favorable weather conditions.

With good solutions, a first-class spraying machine, careful operators, and the necessary after-spraying during the summer to keep down the ravages of the fungous diseases and the insects, there is no reason why you should not have the finest of apples and other fruits. But, remember that this fruit spraying is absolutely necessary to kill the scale, as that attacks VITALITY of the trees. No amount of summer spraying will be of benefit if the trees are covered with scale.

Up-to-Date Spraying

OYSTER shell bark louse attacks apple trees mainly. Sulphur-lime should be used when the leaves are off the trees. If this spraying is ineffective use kerosene emulsion or whale oil soap when the eggs hatch.

San Jose scale attacks nearly all deciduous trees. Use sulphur-lime in the spring before the buds burst.

Blister mite atacks the pear leaf, Use the sulphur-lime before the buds burst.

Green aphis attacks the apple, pear, peach, plum, prune, etc. Use the sulphur-lime before the buds burst.

Woolly aphis attacks the apple. Use the sulphur-lime just before the buds burst. Be sure and spray with force. For summer treatment use the kerosene emulsion or tobacco water.

Black aphis attacks the cherry. Use tobacco water when the insect appears.

Codling moth attacks the apple and pear. Use arsenate of lead when the last blossoms are falling. Use a bordeaux nozzle with a crook and spray with force from a raised platform directly into every flower. If so applied one-spraying is sufficient. Better keep your trees banded. If you find that many worms are trapped spray again with the same solution.

Slug attacks pear and cherry. Use arsenate of lead when the insects appear.

Tent caterpillar attacks all orchard trees. Use arsenate of lead when insects appear. Be sure and burn the tents.

Trunk borers attack orchard trees and others. Dig out the worms with a knife. During the growing season white-wash trunks with lime-sulphur containing extra lime.

If grasshoppers attack garden and orchard plants use bordeaux when insects appear.

If beetles attack garden plants use bordeaux when insects appear. Scatter poison bait before planting.

Root maggots attack root crops. Use carbolated lime and tobacco water. Apply to soil before maggots appear. Thorough cultivation after the crop is removed.

Cabbage worms attack cabbage and cauliflower. Use poisoned bait, dust the plants before the worms eat into the plants with slug shot.

When aphis attack garden plants use tobacco water or kerosene emulsion just as soon as insects appear. Repeat if necessary.

Moss and lichens are found on fruit trees. Use sulphur-lime when leaves are off trees.

Mildew when found on peach, apple, grape, rose and so forth, use sulphur-lime just before the buds open.

For brown rot or for fruit mold on plum, cherry or peach use the self boiled lime-sulphur wash. This can be applied during the growing season with very little danger of injuring the fruit or foliage, and it is very effective. Furthermore, by mixing arsenate of lead with the fungicide, the curculio can be destroyed at the same time.

For scab on apple or pear use sulphur-lime just before the blossoms open and again while the last blossoms are falling. This is very important. One pound of sulphur, one-half pound lime to six gallons water.

Fire blight on pear and apple, prune out every sign of blight, cutting well below the disease, dipping the knife frequently in carbolic acid while doing the work.

For black spot canker use self-boiled lime-sulphur wash during the growing season same as for treatment for brown rot.

For fruit spot on apple use bordeaux middle to last of June. This treatment has been very successful.

For scab on potato use formalin one pound to thirty gallons of water. Soak the seed for two hours then cut and plant. Don't plant in soil where scab potatoes have been grown.

For potato blight use bordeaux July 1 to 15. Again two weeks later. Watch plants and if any blight is noticed a third application should be used.

Tomato blight—bordeaux may be used with some effect.

Anthracnose attacks the bean. Use bordeaux when plants are all started. Again three weeks later. Follow with a third spraying three weeks later. Do not plant a diseased seed.

Smut on wheat, use formalin one pound to forty-five gallons of water. Spray the seed thoroughly. Let it lie in a pile two hours, dry and sow.

44 Bushels to the Acre
is a heavy yield, but that's what John Kennedy of Edmonton, Alberta, Western Canada, got from 40 acres of Spring Wheat in 1910. Reports from other districts in that province showed other excellent results—such as 4,000 bushels of wheat from 120 acres, or 33¾ bushels per acre. 25, 30 and 40 bushel yields were numerous. As high as 132 bushels of oats to the acre were threshed from Alberta fields.
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THE HOME ON THE FARM

ARE THE CHILDREN LAZY

WE DO not think so. A distinguished writer on this subject says: "The laziness of boys and girls in the grade schools and high schools, when it comes to home help, is fast becoming one of the scandals of American life." We can scarcely believe that. If we did we would certainly favor the abolition of the "grade schools and high schools." We would rather American boys and girls should grow up in ignorance than in laziness. Populate America with lazy people and it would take but a few years to lose all that has been gained in intelligence or achievement.

It must be confessed that the "grade schools and high schools" may have put on certain "fringe activities," as the writer calls them, that do not make for either usefulness or progress, but if the boys and girls are not industrious the fault is largely at home. From the earliest years children should be taught at home that they can do something, that they can do what is useful, and that they are and will be depended upon for doing that particular thing or things. Parents must exercise judgment in this matter. They must not let these tasks run into drudgery, nor must they be beyond the ability of the child to perform. They need not occupy all the child's time, in fact they must not; but they must be regular duties to be done at definite times, and promptness must be taught as well as skill in doing the work.

Don't get impatient and go and do a child's task yourself or send some one else to do it. If you do such a thing there must be a good reason for it, and the child must know the reason. It must know that it is depended upon for that work, and that there is a time in which it must be done. As the years increase increase the tasks, and vary them. By and by there will be general duties to perform, and these may devolve upon the children in common. But never allow the work to degenerate into drudgery, nor that one time is as good as another in which to perform a task. There is a need of discipline, and habits, good or bad, are formed in early life.

There is no occasion to raise up a family of lazy boys and girls. It is disastrous to do it; and we repeat that if we believed any of the schools were contributing to that fatal result, we would say abolish those schools.

THE VALUE OF MONEY

MONEY is a thing established by governments to represent value. It generally has no value of itself, but it is valuable in that it represents the value of other things and may be exchanged for whatever one that has the money may wish that is for sale. For this reason money is valuable, and, while we would not have a single reader of this paper to be penurious, stingy of miserly, we would have all of them, especially the boys and girls in the home on the farm, to appreciate the value of money. Do not spend so much as a penny foolishly. Sometimes you may feel that you would like to have something that would cost money, but would it really be valuable to you? Would its possession aid you in some useful work, add to your usefulness or happiness, and make you richer in its possession than in the possession of the money you gave for it? If these questions may be wisely answered in the affirmative, do not hesitate to make the investment; but never spend money lightly or foolishly, or merely to gratify a whim. The person that saves is the person that gains, and that makes a financial success in life.

CHILDREN IN THE COUNTRY

THERE is much more of a moral atmosphere in the country than in the city. Boys and girls growing up in the home on the farm stand several times better chance for respected, useful and honorable lives than those growing up in the city. There are three hundred inmates in the Missouri girls industrial home. These were all sent there for various degrees of wickedness and crime. Not one of these unfortunate girls, we are told in an official report, was sent there direct from the farm, and only three came from small towns. All the others were sent from the larger cities. A few of them had come from the farm originally, but they had later gone to the cities and learned the ways of wickedness there. The world has good reason to love the boys and girls of the farm.

WHO IS QUEEN

IN the South they speak of cotton as king, and in the North it is corn. The hog is cuddled as the mortgage lifter and the horse and mule are the honored servants of the king. But who is queen? She is never crowned, and is seldom appreciated. The farmer is busy attending upon the king and encouraging the mortgage lifter, and often leaves the queen to do work that is not hers at all. But she is patient. When hard times come she is the first to make willing sacrifices to meet them, and when ill-luck befalls the farmer, her hand is always ready to help and her voice to encourage and console.

It is all right to do homage to the king, and to give due attention to the mortgage lifter, but let us not neglect the queen. Everything on the farm takes upon itself a wonderfully discouraged look without the queen, the farmer's wife.

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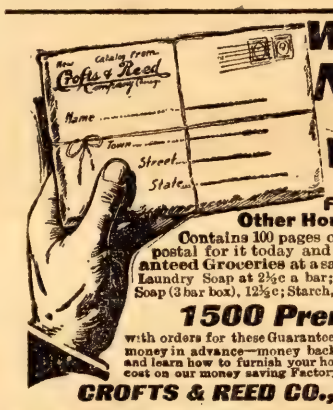
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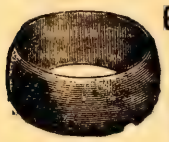
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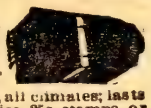
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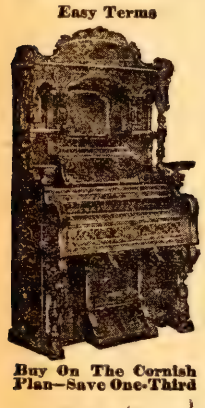


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THE CURE FOR WORRY

By Rev. Charles Stelzle

HOW may worry be cured? First, by realizing the utter, absolute uselessness of worry. If you were to spend a dozen eternities in worry, you could not change a single fact. The only way that you can change a circumstance is by hard work, and you can't work hard with a clear head and steady hand if you worry. A party of friends were looking at the inmates of a lunatic asylum. One of them remarked: "I suppose a large proportion of these people were brought here on account of unnecessary worry." "Is any kind of worry necessary?" asked another.

You may cure worry by taking a larger view of life. We are so taken up with our own little affairs that we sometimes forget that there is a big world beyond us. And when things go wrong—we imagine that the world is just a great, black, sunless, heartless sphere. A broken toy covers the whole horizon of a child's life. How pitifully you have smiled at the youngster whose heart was almost broken because of what you considered a very trivial matter. And you have learned to smile now at what you once thought were great sorrows and anxieties, because, since then, you have had a larger experience.

It's a great thing sometimes to forget yourself and to try to remember that your work and your life are just a part of God's great plan for the betterment of the world; but don't forget that they are a part, and then tackle the job, bravely doing your best. That's all that God asks of any man. No one can do more.

Worry may be cured by appreciating that it isn't what one has or what one does, but what one is that brings peace of mind. King Solomon had riches, culture and power. These are most sought after today. Each one is legitimate if properly used, but, after having had experienced them all, what did this wise man say? "Vanity of vanities—all is vanity." And will you note Christ's comment upon Solomon's glory: "Consider the lilies of the field, how they grow; they toil not, neither do they spin. And yet I say unto you that even Solomon in all his glory was not arrayed like one of these." Here's the idea: it isn't one's outward circumstances nor one's accomplishments that drive away worry. It's what one is.

And here's a commonplace cure for worry, trite, but nevertheless suggestive: You may cure worry by not crossing bridges until you come to them. "Children," said a good man to the family gathered about his deathbed, "during my long life I have had a great many troubles, most of which never happened." You have sometimes wondered how you were to pay the doctor's bills and where the rent and coal and fuel were to come from, and how Johnny was to get a pair of shoes and Annie a necessary dress. Somehow, the bills have all been paid. "But," you say, "I had a pretty tough time getting through." Yes, but the hard time consisted of nine parts worry and one part work; and that, for the average workingman, means that he has worried pretty hard.

A CHEERING WORD

DID you ever see a person that looked sad, or that you knew was in trouble? Of course you have. But what did you do to cheer such a one? Even a stranger may be cheered by a kind word. Do not try to pry into the trouble, or to tear open a wound, or to philisopize over the grief. Just say a kind word, or do a kind deed. In some way make a modest show of sympathy, real sympathy, not the patronizing kind, and you may pour balm upon the wounded soul. A cheerful look, a simple smile, a gentle handclasp, a kind and unaffected word—these are seeds that grow and bear happiness in the lives of others.

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The White Car

By John Ironside

COME as early as you can—Monday, if possible. Will expect you when we see you."

Those were my sister Maimee's parting words when I started her and her multifarious parcels off from Victoria last week, and now it was Monday afternoon, the twenty-third of December, a gloomy, depressing day in town, rain and darkness and slush, oceans of slush. I had got through with my work earlier than I anticipated, and found I had just time to catch the last train for Eastdean if I hustled.

I hadn't an instant to spare for a wire, and it was impossible to phone, for Tom Moreland (Maimee's husband), though the best of good fellows, is quite content to live four miles from a railroad and yet dispense with a telephone.

There was no vehicle available when, some two and a half hours later, I found myself at the sleepy little station; but we had run out of the rain, and though the sky was overcast there was a full moon behind the clouds. Once out in the open the light was good enough for me to see my way clearly along the white winding road, and I walked at a brisk pace, carrying my suit case.

I anticipated a good time at Challoners, for Maimee and Tom were determined to make their first Christmas in their own house a real merry one, and had bidden a certain number of guests—few, but fit. Nancy Field would be among them, I knew, and it was of Nancy's laughing eyes more than anything else that I was thinking as a strode on my way. We had not met since last autumn, and I wondered if she would have forgotten me.

I had covered about three parts the distance when I heard ahead the deep purring hum of a high-powered motor car, and an instant later I saw her lamps like the blazing eyes of some weird monster bearing swiftly down on me—the wrong side of the road, too. I had barely time to flatten myself against the hedge when she flashed by, so close that it was a marvel she didn't touch me. A big white car, going, as I judged, at nearer sixty than fifty miles an hour. The road curved a short distance back—a nasty curve for a car to take at that speed; but I supposed the chauffeur knew his route, for I heard the honk of the horn.

"My stars! That was a near thing!" I thought. "They'll come to grief."

The crash of a terrific impact sounded from beyond the curve, followed by a series of the most appalling screams I have ever heard. I dropped my suit case and raced back along the road, but before I got to the curve (I hadn't thought it was so far) the screams ceased quite suddenly. I felt sick at the thought of what I must see when I reached the curve, but when I did I stood still in sheer amazement.

There was nothing, absolutely nothing! The moonlight was stronger now and I could see quite a distance—half a mile or so; but there was no sign of the white car and no sound but the drumming of my own heart.

Then, all at once, I felt scared; the whole thing was so uncanny. It struck me that there had been no rush of air as the car raced by me just now; it had passed like a great white phantom, nor had it raised any dust. There was nothing marvelous about the last fact, however, considering the rain that had fallen so recently. The road seemed hard enough; chalk roads dry quickly and this was a good one. Tonight there was neither dust nor mud, yet one would have expected to find some trace of the passage of a heavy car, even by moonlight. I didn't trust to that, but expended some twenty vestas and almost as many minutes in examining the whole width of the road at close quarters. I found the track of a bicycle, but never a trace of a motor tire.

"All imagination," I decided, as at last I resumed my way, picking up the suit case when I regained the point where the car had passed me. "The car was real enough, anyhow, and the rest—a back-fire or a burst tire disturbing a couple of night owls."

Still at the back of my mind I was certain that no screach owl ever hatched could have uttered those screams and no car ever built back-fired or even burst a tire with the sound of a collision; besides a tire-burst would have meant a temporary halt, anyhow, whereas the car had evidently continued its wild career unchecked.

I was real glad when at last I struck into the side road leading to Challoners and saw the lighted windows of the old house, while the warmth of the welcome accorded me banished all remembrance of my queer experience for the time being.

After dinner we all adjourned to the hall, where a glorious wood fire cracked on the open hearth.

"Switch off the lights, Tom," commanded Maimee. "We're going to sit round and tell ghost stories."

Maimee certainly has an eye for artistic effect; there never was a prettier picture than that old hall, with the ruddy glow of the firelight reflected from the thousand facets of the leaves and berries of the holly garlands. I told her so; even brothers are complimentary on occasions.

"Just you wait till Christmas Day. I've the lovelist Yule log you ever saw," she declared, "And we're going to bring it in with all the proper ceremonies. But now for the ghost stories. We'll have yours first, Johnny, boy. And it's to be a true one, mind.

"Don't be hard on him Maimee," suggested Tom. "Fire away with the story, old man, never mind about the truth."

"I don't believe in ghosts," I responded, "but if you're determined to make me open the ball I'll tell you one of the queerest things I've ever experienced. It happened this evening while I was walking here from Eastdean."

"This evening!"

It was an ejaculatory chorus, and Maimee added reproachfully:

"Why, you never told me you had any adventures on the way."

"I'm going to tell you now," I said, and forthwith related the incident exactly as I have related it now, including my theoretical and, as far as my own convictions went, unsatisfactory explanation of the phenomena—burst tires, owls, and so on.

I don't quite know what sort of a reception I anticipated for my recital, but I felt considerably disconcerted when, after an uncomfortable interval of dead silence, Tom said stiffly.

"That's a good story, I suppose, but aren't you playing it a bit low down?"

"I don't grasp your meaning," I retorted. "You wanted a true story and I've told you this exactly as it occurred, though I'm quite ready to acknowledge it's a poor enough story."

"Do you mean to say you did not know of the accident last Christmas Eve? By Jove, it was just a year ago tonight by the day of the week!" cried Tom Moreland.

I incredulously learned later that all the others had been cognizant of the tragedy of the white motor car that had occurred exactly a year ago.

The car belonged to a millionaire, whose name is equally well known in both hemispheres. On that evening the chauffeur—an Italian, who had but lately come to England—took advantage of his master's absence to appropriate the car, and, accompanied by a woman—presumably his sweetheart—set out for Brighton.

Whether the man was drunk or sober will never be known. It is certain that he drove recklessly, for at the subsequent inquest several witnesses asserted that they had seen a white car driven at dangerous speed at various points on the Brighton road.

Just beyond the curve which the car was approaching when I saw it or its phantom—it collided with a big motor wagon belonging to a local brewer.

The wagon and its driver were practically uninjured; the white car was wrecked, the chauffeur killed instantaneously—so the doctors decided—while his hapless companion was pinned under the car, which caught fire. The poor woman's shrieks were heart-rending for a few brief seconds, then they ceased suddenly, just as the cries I heard had ceased.

Was the ghastly scene re-enacted by a phantom car and phantoms of the victims on the anniversary of the catastrophe? I don't care to pronounce an opinion. I only state what I saw and heard.—Journal of Agriculture.

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This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

I have no means yet of knowing just how many of our young people will try the new seeds Mr. Meritt is offering as premiums for subscribers, and I do not wish to too strongly urge them; but it is a great opportunity. I wish you would all read an article in the Farm and Production Department on trying experiments.

DEAR CADETS: I have been a subscriber for Up-to-Date Farming for almost a year, and I am very much pleased with the paper. The poultry page is what I look for first. I get so many hints to help me with my poultry that I raise for our use. I have a number of chickens, in which I take much pleasure. I hope you will continue to save space in the paper for poultry information. The circulation of your paper is increasing rapidly in this vicinity. We have a large garden in which we grow all our vegetables. I am 20 years old, and I have been anxious to join the Cadets for a long time, and I hope I will receive many postals, all of which I will answer.—Thos. McDonough, Cohoes, N. Y.

DEAR CADETS: I have been a reader of Up-to-Date Farming for several years. It is sure a welcome guest in our home. I enjoy the Cadet letters so much I can hardly wait for the paper to come. My father is a farmer, and also a strong Equity man. I think every farmer should be. I live on a farm 3 miles from Sample, a small railroad station; I like country life fine. I am a girl of 16, my birthday being the 29th of March. I would like a post card shower then. I have one brother and one sister living, and one sister dead. None but those who have had to give up a darling sister can sympathize with me. I like to go to school. My teacher is Miss Clyde Severs, and I like her fine.—Nannie Dowell, Sample, Ky.

DEAR CADETS: I am a country girl of 15 years, my birthday being August 3. I live on a farm of 200 acres, and go to school nearly every day. I take music lessons every other week. Our principal crops are beans, corn, oats, rye and hay. We have 24 head of Holstein cattle and 5 horses. My father takes Up-to-Date, and I think it is a fine paper. I like to read the Cadet letters, and I will answer all the cards I may get.—Marie Anderson, Howell, Mich.

DEAR CADETS: I have never lived on a farm, my home having always been in a city. But I am interested in farming, particularly chicken farming. That would be the only farming I would like. I am 20 years old, and I would like to correspond with Cadets that know something about poultry. Of course, Up-to-Date, which is a dandy paper, gives a lot of information, but I would like to hear what the Cadets have to say, and know about it. I am sending 50 cents to renew my subscription for two years. It is the best farm paper I have read so far.—Carl O. Swanson, 90 West Main St., St. Charles, Illinois.

DEAR CADETS: I am a Wisconsin boy, 20 years of age, and live on a farm of 120 acres, near a little town called Caroline, which is a good place for young people. It is very cold here now the first week in February, and everybody is busy hauling logs to the mill. I think this is a fine country for a boy, because he can do two kinds of work. In winter he can go out lumbering, and in summer he can work on the farm. They have not this double chance in the South and West. I shall try my best to become a Pioneer of Equity, and I will not forget to renew my subscription before it expires. I would enjoy very much to exchange cards with Cadets.—Emil Buss, Caroline, Wis.

DEAR CADETS: I am a Minesota boy from the Cayuna Iron Range. I am very much pleased with Up-to-Date and the letters in it. I am staying on the farm with my parents this winter. I had an operation for appendicitis the 19th of December, so I am not very strong yet, though I have been getting along fine. I was in the Northwestern hospital at Brainard, Minnesota. This is a mining country, iron ore being the principal mineral. I could count from one to two hundred drills in this locality. The mines were first opened here about eight years ago. If any Cadet would like news from the iron country, write me, and I will be glad to answer any postals or letters. My birthday is April 29, and I would like a card shower.—Allbert T. Nelson, Deer Wood, Minn.

DEAR CADETS: I am 16 years old, and live in the country, on an 80 acre farm. We have a furnace and live in an 8-room house. I have one brother that goes to school at the Illinois State Normal. I do not go to school, but I graduated when I was 15. I am a new subscriber to Up-to-Date Farming, and I like to read the Cadet letters. I would like very much to correspond with some of the Cadets, and will answer any letter or card I get. I would also like to get pictures of the Cadets, so I can see what our Cadet friends look like. I will send mine to any who write to me.—Mary Malcomson, Frederick, Ill.

DEAR CADETS: I live in South Louisiana, where almost anything can be raised. This is a pretty country. I guess if the Cadets from the north were here this morning (February 5), they would think it quite different from their homes. The flowers are in bloom and shed their sweet perfume in the air; the trees are putting on their new dress of green leaves, and nature is waking up. The little birds are singing their sweet songs, and farmers are planting their crops, which is mostly cotton, corn and truck, such as beans, strawberries, etc. My father takes Up-to-Date, and thinks it is the only paper on account of what it teaches. It comes to most every home in this neighborhood. I wish I could get it into every farm home in the United States. I will answer all cards I receive from the Cadets.—Sam Williams, Hall, La.

DEAR CADETS: I am an Illinois girl 18 years old, and live on a farm of 85 acres, in Johnson county. We have a canning factory, and that makes us great fun. We have 7 horses, 3 cows, 12 hogs and 200 chickens. I have a sister that teaches school. I would like to exchange cards or correspond with any of the Cadets. Opal E. Robins, Vienna, Ill.

DEAR CADETS: I am a North Carolina boy, and live on a farm and take Up-to-Date Farming and like the paper fine. I live in what it known as the Piedmont section, and my home is 36 miles north of Charlotte on the N. C. M. railroad. People here raise wheat, corn, oats and cotton, but cotton is the principal crop. I love to read the many good letters written by the Cadets. If any Cadet in N. C. sees my letter, send me a card, and I will answer all I receive. I am struck on the State of Illinois, and would like to hear from some one in that State.—Harris M. Miller, Mt. Ulla, N. C.

DEAR CADETS: I am a Missouri girl of 19 summers. I attended school at Springfield State Normal two years ago, and taught school during the fall and winter, but I like millinery a great deal better than teaching. I think Fordland is a fine place. We have lived here 10 years. How many of the Cadet girls do their own sewing and millinery work? I do, and think millinery beats it all. Sure, Mr. Wood, we would like for the Pea Ridge Band to give us some music, and I shall take lessons this summer. I would like very much to exchange post cards with the Cadets.—Minnie Sherd, Fordland, Mo.

DEAR CADETS: I have one brother and three sisters. My oldest sister is almost 18, and works away from home some of the time; the rest of us go to school. Our school is a good mile away, but we live on a hill, and can see the school from home. This is a beautiful place to live in old Vermont. We have had people come and spend the summer with us for their health, and the good, pure air made them grow fat. My people have taken Up-to-Date 10 years. I would like to have a card shower May 3, when I will be 12 years old. I would like to hear from Katherine McGovern, of Ky.—Alberta M. Pattee, Georgia, Vt.

DEAR CADETS: I am a Swan Creek boy 18 years old. I live on a farm of 80 acres, and have 4 horses, 3 cows and 2 hogs to feed. I would like to exchange cards with all the Cadets.—Clyde Phillips, Bladen, Ohio.

DEAR CADETS: I am 14 years old, and live in Missouri, 7 miles from a railroad station. I belong to the M. E. Church, South at Deer Ridge. In January there was a sleet that made the limbs of the trees break off, it was so heavy. The telephone lines and wire fences looked like they had fringe on them. The icesicles were from 3 to 5 inches long. Trusting all the Cadets got a valentine.—Leila Hazel House, La Belle, Mo.

DEAR CADETS: I am an Ohio girl 16 years old, and like most of the Cadets, I live in the country on a 100-acre farm. We can raise almost any kind of grain, but our principal crops are corn, wheat, oats and potatoes. We have two horses and two cows, and several head of young cattle. I have been a reader of Up-to-Date Farming for a year, and I think it is a grand paper. I am sending 30 cents to renew my subscription. I hope to receive many cards from the Cadets, and will answer all.—Elsie Dulaney, Sheritts, Ohio.

DEAR CADETS: Please admit a New York girl. I am 15 years old, and live in the country on a farm, and attend a country school about 2 miles from home. It is about 3 miles to a small village called Wallace. The farms around here are not level, but have many high hills. The raising of potatoes, oats, rye and corn is the most important occupation of the people; but nearly every farm has an orchard or two. Last year the apples were small and poor, and but few farmers had any to sell. There are quite a few chickens raised here, and some sheep, cattle and horses. We have two farms, one of 96 acres, which is in the town of Avoca, and one of 80 acres in Howard. We have had cold weather ever since the middle of October, but now (January 25) the sun is shining bright, and it looks some like spring. Our school house is small, and it is red trimmed with white. Our teacher is Miss Grace Keeler, and 22 pupils attend the school. We ride down a large hill in front of the school house, and it is very icy now. The country around here is nearly all cleared up, so most of the people do not have wood to burn and many of the farmers use coal. I have one brother that is a cripple, and has to walk with a crutch and a cane. My father and brother take Up-to-Date, and we think it is a fine paper. I love to read the Cadet letters. My teacher also takes the paper. I would like to correspond with Hallie Knecht, of Newberg, Oregon, and to exchange cards with any of the Cadets.—Luella Slayton, Cohocton. N. Y.

DEAR CADETS: I am 17 years old, and live in Bethlehem, Pa. This is a large town with 35,000 people, and it has the largest

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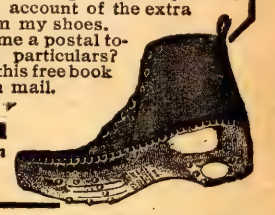
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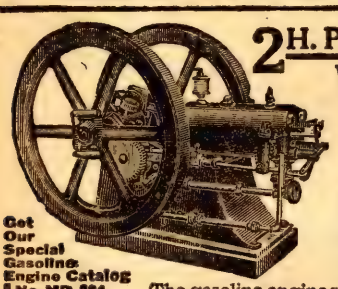
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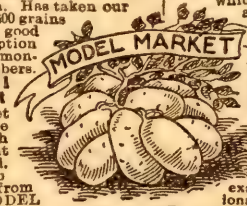
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steel plant in Pennsylvania. We have four colleges, three factories, and nine churches. I do not live on a farm, but we raise poultry, such as chickens, ducks and geese. My brother is very fond of them. My mother takes Up-to-Date Farming, and I would not do without it. As her time has expired, I am renewing in my own name. I will answer all letters and cards from the Cadets.—E. Prozilla Spengler, Bethlehem, Pa.

DEAR CADETS: I have just seen a copy of Up-to-Date, and I wish to become a subscriber and a Cadet. I am 16 years old and our nearest town is Brookville, which is situated on the beautiful St. Lawrence river, and is about four miles from our farm, which comprises 200 acres of land, a part of whi h is a large forest with a rifle range, bu on the rest is grown all kinds of crops, the principal kinds being corn, oats, hay, and all sorts of vegetables. Our climate is warm in summer, but very cold, with abundant snowflakes and fine skating in winter; though we have frequent thaws. The snow is now (January 29) about five feet deep. My summer pastimes mainly are horseback riding, of which I am very fond, and basket ball. Last summer I went to neighboring towns on a basket ball team from the Brockville high school. In winter my pastimes are skating and snowshoeing, of which there is plenty. I would like to exchange cards with Cadets near my own age. I prefer views.—Jessie Bissel, Row's Corners, via Brockville, Ontario, Canada.

DEAR CADETS: I am a girl 15 years old, and I have read the Cadet letters for some time, and think them very interesting. I have read Nellie Tipton's letters, and I am very sorry for her. I, too, have had infantile paralysis, but I am walking around a little now. It has been nearly seven months since I was first attacked. The doctor says I am getting along better than any one he ever heard of. My legs used to be drawn up, and were very small, but by persistent rubbing and straightening them they are now as straight as they ever were; but they are not so large as they used to be, though they are getting larger now. The doctor had them straighten my legs three and four times a day. The pain was very bad, and it seemed like they would break them. I begged them not to do it, but they told me it was better to suffer the pain now than to have crooked legs all my life. I do not think I would ever have walked if they hadn't worked with my legs the way they did. They also rubbed my back and legs three times a day for six months, but I can now treat myself. When I hear of so many having this disease—so many died and others never walked—I think how fortunate I am, and how thankful I ought to be. I like Up-to-Date Farming very much, and would like to receive cards from the Cadets, and will answer all I receive. I live on an apple farm of 15 acres, two miles from town.—Blanche Lambert, La Grande, Oregon.

DEAR CADETS: I am 19 years of age, and enjoy reading Up-to-Date Farming above all other papers, especially the Cadet page. I live on a farm and work for an uncle, my father and mother both being dead. They left me and my sister a 200-acre farm. On the farm we have 7 horses, 12 cows, about 35 young cattle, and 48 to 60 hogs. We live only a mile from a railroad station and it would be easy for us to sell through the Equity System. I am sending 30 cents for my uncle's subscription to make me a Pioneer of Equity and to get those beautiful cards Mr. Everitt sends; they certainly are beautiful. We have a silo on our farm, and we like it first rate. I would like to receive cards from the Cadets, and will answer all.—Geo. C. Hoegh, Brayton, Iowa.

DEAR CADETS: I have just received a sample copy of Up-to-Date Farming, and I am sending in my subscription so as to get the papers all the time and become a Cadet of Equity. I enjoy reading the letters, as they come from all parts of the United States, and are written mostly by farmer girls and boys same as myself. I am 21 years old, and live on a beautiful farm of 85 acres. Our farm is in Small Valley, five miles from a railroad. The farmers here raise mostly corn, oats, wheat, rye, hay and potatoes, but very little is shipped farther than Harrisburg. There are Granges here, but so far as I know there is no Society of Equity.

Five miles north of this place is Lykens Valley, the most beautiful and richest farming valley in this part of the state. We have mountains all around us, and to the east of our farm lies Broad Mountain, which is 4 miles wide on the top, and many strangers get lost on it. Fires burn over it every year, and it is so thick with undergrowth that hunters crawl on trees to shoot rabbits, as they can not see them from the ground. Bear and deer, once plentiful, are now almost extinct. A cyclone, something new for Pennsylvania, passed through here last June, destroying buildings and uprooting trees. About 8 houses, 12 barns, and several churches were destroyed.

I am glad the Cadets are interested in their books, and still more so for those interested in their Sunday schools. I notice one girl says, "father and mother are Christians." I wish all could say so. The Cadets can never hope to all meet on earth, but they may all meet in Heaven. We have many churches and Sunday schools here. I have been an assistant superintendent for the last two years; and I am much opposed to the use of strong drink and tobacco. I would like to see more young people's societies and gatherings, as something must be done to keep them on the farm. I would like to receive cards or letters from Cadets, and will answer all.—Charles Woland, Halifax, Pa.

DEAR CADETS: I am 15 years old, and I live at the foot of snow covered Mt. Hood. Our chief crops here are apples and strawberries. I take Up-to-Date and think it is a fine paper. If it wasn't for Up-to-Date I don't know what the farmers would do. I would like to receive cards or letters from any of the Cadets.—Clara Tallman, Mt. Hood, Oregon.

Now, I have crowded in every letter I can possibly make room for in this

MAKE $21.00 NEXT SATURDAY



Easy Money—Waiting for YOU. Be quick, write today. Sell the MARVEL VAPORIZER for Coal Oil Lamps and Lanterns. Startling new invention, just out. Makes Common Lamp a Vapor Lamp. Cuts oil bills in two. No mantles to break. Brilliant, white light. Low in price—sells like wildfire—2 to 4 in every house. Listen: Achorn, Utah, says, "quickest, easiest seller I ever saw." Kreiger, Mo., cleared $91 one week. Exciting business—easy, profitable work. Halbman, Wisc., made $12 first day. Anyone can make this money, so hurry, HURRY. You can average

$42.00 A WEEK

Men or women, this is your opportunity. EXPERIENCE IS UNNECESSARY, work all or spare time. Make big money—be independent. Not for sale in stores. We give you protection and territory FREE. Send no money, but write quick for information. DO IT NOW before it's too late.

Sidney Fairchild Co., 324 Fairchild Bldg, Toledo, O.

SALESMEN WANTED

Trained salesmen earn from $1,200 to $10,000 a year, and expenses. Hundreds of good positions now open. No experience needed to get one of them. We will assist you to secure a position where you can get Practical experience as a Salesman and earn $100 a month or more while you are learning. Write today for our free book *A Knight of the Grip,*" list of good openings, and testimonials from hundreds of men recently placed in good positions.

Address nearest office, Dept. 196
National Salesmen's Training Association
Chicago New York Kansas City Seattle New Orleans

The Improved MONITOR

MAKES IRONING EASY AND A PLEASURE

Pronounced "The World's Best" by over 275,000 satisfied customers. No hot stove—easy to operate. Heat regulated instantly. SATISFACTION GUARANTEED.



Highest in quality—lowest in price. Highly polished and nickel plated.

AGENTS WANTED.
Write for catalogue and terms.
The Monitor Sad Iron Co.
27 Wayne St., Big Prairie, O.

AGENTS $3 a Day

NEW PATENTED LOCKSTITCH AWL



Sews Shoes, Harness, Buggy Tops, Canvas, Grain Bags, Anything. Sells at sight. Astonishing low price to agents. Big profits. To show it means a sale. We want a few good, live hustlers in each county. Splendid opportunity to make big money. No experience needed. Write quick—now—for terms. A postal will do. Send no money.
A. MATHEWS, 6081 Wayne Street, DAYTON, OHIO

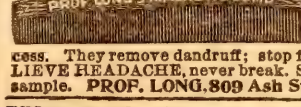
MOTORMEN WANTED
Big Pay and Sure Position

Also Conductors. Doesn't this beat following a plow? We fit you at home by mail for these good paying positions. Hundreds of positions now open for our graduates. This is the school endorsed by electric railway managers everywhere. Write for full information FREE. OFFICIAL RY. SCHOOL, Gen'l Office, 405 Freeport, Ill.



Farmers Sons Wanted with knowledge of farm stock and fair education to work in an office; $80 a month with advancement, steady employment, must be honest and reliable. Branch offices of the association are being established in each state. Apply at once, giving full particulars. The Veterinary Science Association, Dept. 22, London, Canada.

GREAT MONEY MAKER FOR **AGENTS**



Sell Magnetic Combs and get rich; agents wild with success. They remove dandruff; stop falling hair; RELIEVE HEADACHE, never break. Send 2c stamp for sample. PROF. LONG, 809 Ash St., PEKIN, ILL.

Wanted—A man or woman to act as our information reporter. All or spare time No experience necessary. $60 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION, 629 Association Building, Indianapolis, Indiana

AGENTS PORTRAITS 35c, FRAMES 15c. Shoe Pictures 1c, Stereoscopes 25c, Views 1c 30 days' Credit. Samples and Catalog Free. Consolidated Portrait, Dept. 3653, 1027 W. Adams St., Chicago

$100 Monthly and expenses to trustworthy men and women to travel and distribute samples; by manufacturer. Steady work. S. Scheffer, Treas. G 213, Chicago, Ill.

120 *New Design Post Cards* **FREE**

Send 10c for postage, etc., for special sample set to introduce, including Val. and Easter Cards. LANGLEY CARD CLUB, Dept. 439 CHICAGO

REQUEST ADVERTISERS WANT TO Know in what Paper you saw their Advertisement and Therefore We Urgently Request You TO to mention UP-TO-DATE every time you Write to Our Advertisers. READERS.

paper, and still a big pile of letters lies before me that have been received since the last paper was made up, and I have decided to publish the names and addresses of the writers, so as at least to put them in touch with the Cadets. They are all Cadets of Equity, and I wish I could print the letters in full. They are all good ones. The numbers following the address is the writer's age.

Steve Pence, McCleary, Wash 22
Mary Speary, Wellston, O. 14
Nora Isabel Thopmson, Lorine, Ark.
Irene Varner, Montecello, Ill. 11
Isabel Kratchevil, Traverse City, Mich. 14
Maude Sherd, Fordland, Mo. 16
Louise Hortense Landry, Smoke Bend, La.
Goldie E. Van Scyoc, Cameron, W. Va., 14
Mary E. Pattee, Georgia, Vt. 10
Delila Tanner, Moffatt, Texas 18
Theo. D. Modders, Moddersville, Mich..13
Millard Leeper, Monongah, W. Va. 17
Trilby Wright, Monongah, W. Va. 16
Edna Kuster, Mountain Grove, Mo. ....
Brown Johnson, Bellefonte, Mo. 16
Bernice Henley, Ruskin, Neb. 13
Hazel Hibbs, Teffet, Ind. 12
Reta Stryker, Loyalsock, Pa. 10
Dollie Williams, Grimes, Okla. 11
Adalph Gilley, Lewis Ferry, Tex. .....
Bertha H. Johnson, Cohocton, N. Y. ...12
Calvin W. Barkey, Atlee, Va. 19
Albert Jacobson, Wankee, Minn. 18
William Atchison, Sharp, Ark. 20
Cecil Jones, Canyon City, Oregon 9
Laura Starks, Lee Center, Ill. 14
Richard Simpson, Sulphur Rock, Ark...15
Minnie Temke, New Holstein, Wis. ...23
Floyd Duddles, Spurlington, Ky. 16
Estelle Caton, Dos Palas, Cal. 15
Effie Noles, Cedar Glades, Ark. 17
Mamie Burdette, Monrovia, Md. 18
Fred Saterlee, Rolla, Kansas 12
Effie Jenkins, Willisburg, Ky. .....
Esther Johnson, Kimberly, Minn. 14
Ethel Reighard, Mineral Point, Pa. ..17
Kinton Maloch, Emmerson, Ark. 15
Douglas Perry, Riddle, Oregon .....
Jemima Jane McQuain, Thorn, W. Va.
Richard Brooks, Bridgeton, N. J. 19
Mary Hilsdorf, Dansville, N. Y. 11
Erina E. Bisher, Pleasant Plain, Ohio ..14
Jessie Myrtle Johnson, Covington, Tenn.

Special Letters

Below we quote from special letters of much interest. The following is from a second letter from a young lady who is already a Cadet, but whose first letter was crowded out:

We like Up-to-Date very much and wish we were farmers, for then it would appeal to use more. I would like to tell all boys and girls who are thinking of leaving the farm for city life to stay on their farms by all means. I would like to receive cards from any of the Cadets.—J. Grace McNeil, Ridgefield Park, N. J.

Next I quote from a letter written by a friend of Nellie Tipton:

I am interested in our friend Nellie Tipton of Maryville, Tenn., and I wish we would all give her a dime shower on her birthday, which March 24, I am sure no one would appreciate it more than dear little Nellie. I know her. She and her parents visited us last summer. She is a sweet little girl, and she wants her piano so bad. —Mrs. E. E. Bailey, Swierville, Tenn.

The following is from a second Cadet letter, and also refers to Nellie Tipton:

Our dear little sister, Nellie Tipton. I am very sorry for her. Do you know I actually forget my own afflictions when I think of her I hope her piano fund is growing. I am trying to gather some up to make it grow.—Anna L. Moyer, 529 Violet St., Harrisburg, Pa.

The following is taken from a letter just received from an old time friend of mine, who is a prominent citizen, a leading farmer, and a distinguished educator in Southern Illinois:

Before closing I want to tell you how I appreciate Up-to-Date Farming. A few years ago I read it, and I said then as I say now, it is the best paper for the farmers I ever saw, and I think that puts it pretty strong, for I have seen many. I expect to scan its pages very carefully this year, for I know of no other paper on its line that is its equal—S. H. Ward, McLeansboro, Ill.

Mark Twain's Works

If you are interested in obtaining a complete set of all his books at one-half the former price on the easy payment plan it will cost you nothing to get full particulars. Address "Up-to-Date Farming," Indianapolis, Ind.

Really Cheaper

She—"Before we were married you said two could live cheaper than one."
He—"Well, I fell cheaper. Don't you?"



New blood is needed in every flock of poultry frequently. Instill new blood every year. It pays. Means more eggs, less sickness. For eggs, stock and incubators address the Petaluma Incubator Co., 145 No. Delaware St., Indianapolis, Ind.

A cream separator that gets all the cream, costs little or nothing for repairs, and with a fair first cost is the kind to have. It will pay for itself over and over again. Such a machine in the Empire Cream separator. Write to the Empire Separator Co., Dept X1, Chicago, Ill., for catalog.

When writing to Advertisers don't fail to Mention Up-to-Date Farming

Mother is Queen

Out here on the farm
There is sunshine so bright
And birds sing the sweetest at dawn,
The hours are all golden
And swift in their flight,
The weeks of gay pleasure soon gone,
The breezes are fragrant,
The meadows are fair,
The hills and the valleys are green
And hearts are all happy with seldom a care
For dear little mother is queen.
With kind neighbors near us
With blue skies above
We look with delight on the scene;
Our home is the fairest
Spot bounded by love,
For dear mother is queen.



WANTED---MEN

Brakemen, Firemen, Electric Motormen Conductors, Train Porters

Hundreds put to work. $65 to $150 per month. 500 more wanted. Experience unnecessary. Application blank and map of new lines free. Give age and position wanted. Inclose stamps.

I. Railway C. I., No. 48, Indianapolis Ind

FLORIDA Garden Truck and Fruit Lands, 3 crops a year. Below the frost line. Write for illustrated booklet to Land Commissioner, Charlotte Harbor & Nor. Ry., Boca Grande Fla.

When writing to Advertisers don't fail to Mention Up-to-Date Farming.

This Big Labor-Saving Machine Sent On FREE Trial

Freight Prepaid--Guaranteed 10 Years

SEND back the coupon at the bottom of this advertisement and get full particulars of my free trial offer. I will send right to your farm, freight prepaid, without trouble or red tape, the wonderful labor-saving Luther Farm Special Tool Grinder—with 12 different attachments for 10 days' free trial.

If you do not want it after you have sharpened your axes, discs, cultivator blades, saws and all your farm tools, you can send it back and I'll pay the return freight too. **I make this liberal offer to prove to you how necessary this remarkable labor-saving tool grinder is on your farm,** and to show you the marvelous sharpening power of Carborundum, the sharpening substance that makes the Luther Grinder so wonderful and prove how it will sharpen and brighten the dullest tool or implement you have.

I want you to see how this marvelous sharpening substance will not draw temper from steel, how different and a thousand times better the Luther Grinder is than the old back breaking grindstone. How you can do in two minutes what would take a half hour's work with the old way of grinding and how this wonderful grinder makes all your farm work easier.

Luther Farm Special Tool Grinder

25 Times Faster than Grindstone—6 Times Faster than Emery Sold Under 10 Year Guarantee—Half Million Now in Use

When you consider how little the Luther Farm Special Tool Grinder costs, no more than one week's pay of a hired hand—and that it's on the job for a lifetime, no progressive farmer can afford to be without it.

Saves Time, Work and Expense

You can do all the farm work quicker and easier because your tools are sharp and in sharpening them you can do in a few minutes what would ordinarily take you half an hour with the old back-breaking grindstone. You can take your rustiest, dullest old tools and make them like new in a minute or two. There is no water necessary and no fear of drawing the temper from the steel. The Luther Farm Special Tool Grinder, with the new adjustable tool holder, is so simple and easy to operate that a fifteen-year-old boy can do your most difficult grinding. Just get into the seat and pedal away.

Will Not Draw Temper From Steel **Carborundum** **World's Greatest Sharpening Substance.**

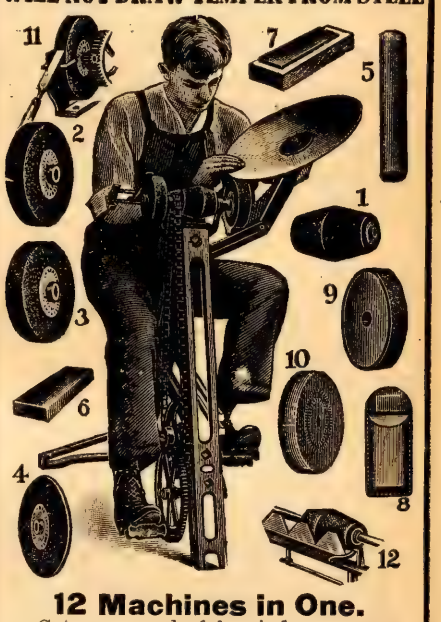
You all know about Carborundum, the most wonderful sharpening substance the world has ever known, the diamond only rivals it for hardness. It is made of artificial diamond crystals, created in the most terrific heat of mammoth electric furnaces of Niagara Falls.

In this terrific heat—Carborundum crystals get a temper and sharpness that cuts the hardest steel as emery would soft copper. Carborundum sharpening is done without fear of drawing temper from the tools or the necessity of cooling with water because no pressure is necessary with *genuine* Carborundum.

And you get the genuine Carborundum wheels on the Luther Tool Grinders, so be careful of high sounding names and descriptions that lead you to believe you are getting real Carborundum with other grinders. There is *only one* Carborundum and it is found on the Luther Tool Grinders.

And I guarantee for ten years—the sharpening wheels of Luther Tool Grinders, for only the *genuine* Carborundum can stand such a guarantee as that.

WILL NOT DRAW TEMPER FROM STEEL



12 Machines in One.

Get my wonderful grinder on your farm and you can sharpen all your tools twenty-five times faster than with a grindstone and without danger of drawing temper from steel or the need of cooling with water.

No. 1. Carborundum Sickle Wheel.
No. 2. Carborundum Coarse Grinder.
No. 3. Carborundum Fine Grinder,
No. 4. Carborundum Saw Gummer.
No. 5. Carborundum Scythe Stone.
No. 6. Carborundum Razor Hone.
No. 7. Carborundum Oil Stone.
No. 8. Carborundum Pocket Hone in Leather Case.
No. 9. Carborundum Rust Remover.
No. 10. Buffing Wheel.
No. 11. Tool Rest.
No. 12. Patent Sickle Holder.

What Users Say

Handiest Tool On Farm.

I have neglected to mention every time in writing you, what I think about your grinder. I think more of your farm grinder as a handy and time-saving implement than anything on my farm.
F. N. NEAL, Bristow, Ia.

Pays For Itself in Time Saved.

I have received the grinder and am very well pleased with it so far. I must say that it is one of the best machines for a farmer. It will pay for itself several times over simply from the time save.
J. F. NEWHAUSER, Aurora, Neb.

Wouldn't Take $25.00 For It.

The Farm Grinder is all right. I would not take $25 for it if I could not get another one like it.
FRED. H. WEBB, New Lisbon, Wis.

Every Farmer Should Have One.

The farm tool grinder I purchased of you is the best farm implement grinder I have yet used. Ordinary grindstones are things of the past. Every farmer ought to possess one.
GEO. M. GRAFF, Jacksonville, Ill.

No Danger Drawing Temper.

I received the grinder and think it is a perfect dandy. There is no danger of drawing the temper with these stones. It is easy to operate and does the work so quickly and neatly, and a person does not wear himself out trying to sharpen a tool.
J. C. COPELAND, Sydney, Ind.

10 Days FREE Trial--Freight Prepaid

The Offer in a Nutshell

10 days free trial of this wonderful labor-saving machine. No restrictions — no red tape.

The freight prepaid to your farm.

If you send it back, I'll stand the return freight too.

Absolute guarantee of ten years.

Coupon Brings All Particulars

Cut out this coupon and get full particulars about my liberal 10 days' free trial offer. There are no strings to this offer—no red tape—no papers to sign—no agreements—no obligations of any kind. I just want to prove how necessary my grinder is on your farm and I'll pay expenses.

I will also send you McClure's Magazine's complete story of the discovery of Carborundum—It's interesting and you'll enjoy reading it.

Remember, you place yourself under no obligations when you answer this advertisement and return the coupon. It brings you all the details of my straight forward, open and above board offer, and tells you how you can take advantage of it. So don't hesitate—just clip out the coupon now and send it.

LUTHER GRINDER MFG. CO., C. J. Luther, Pres.
194 MADISON ST. MILWAUKEE, WIS.

Luther Grinder Mfg. Co.

194 Madison St. MILWAUKEE, WIS.

Gentlemen:—Please send me full details of 10 Days' Free Trial Offer and McClure's story of Carborundum. It is distinctly understood that this request places me under no obligation whatever. It simply gives you permission to send free literature.

Name .....
Address .....
State .....
Co. .....R. F. D.....

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is "*To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressive ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



here. It is a demand of the Farmers' Society of Equity is shown for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

Canadian-United States reciprocity.

—o—

We like to think of our president as a very fair man and a very wise man.

—o—

The Indians have been in the habit of calling the president "the great father," and why should he not exercise a fatherly care over all citizens, his children?

—o—

It is a beautiful thought and a very proper one for each citizen to think of President Taft as a father, as a person he can go to for help, or at least that his inherent right to liberty, the undisturbed prosecution of his business and the pursuit of happiness would be guaranteed to him as far as in the president's power, lays.

—o—

It is not pleasant for us to criticise any of the president's acts. But we have a higher duty than to uphold the chief executive of the nation when we honestly believe he errs. Our chief duty is to our chosen people—the farmers.

—o—

To them our life-work has been consecrated. We will try to defend and protect them when, in our judgment, they need protection. Our voice will always be lifted for their welfare; as in their prosperity the nation prospers and thus our efforts are for all.

—o—

President Taft recently made a trip west and made speeches in favor of the proposed reciprocity agreement with Canada, which, our readers doubtless know, includes free entrance of Canadian farm products into this country.

—o—

He was at Springfield, Ill., on February 11. The published report says he was there for a dual purpose. "To place a wreath upon the tomb of Abraham Lincoln and to pay a tribute to the great emancipator."

—o—

Events show that there was still another purpose, viz.: to speak in favor of the so-called reciprocity agreement and it is to the speech that we will pay particular attention. But we want to first make a prediction, in view of the fact that the president placed a wreath on the tomb of Lincoln, the great emancipator.

—o—

If the reciprocity agreement is enacted into a law between the two countries our prediction is that it will enslave nearly 30,000,000 of our citizens, farmers and their families and dependents, to conditions that are intolerable to Americans, and which every class of our people, except farmers, defend themselves against.

—o—

If this proposition is carried out the day, February 11, 1911; and the event referred to above, we predict, will have extraordinary significance in that two chief actors, one in the spirit, we might say, and the other in the flesh, met. One was a true emancipator, the other was fully determined to carry out a program that seems to us would inevitably place shackles on millions of his trusting people.

—o—

President Taft said in his speech:

(1) I am a protectionist. That is, I believe that there are certain industries in this country which need the encouraging effect of a tariff upon imports from foreign countries to enable them to pay good wages and furnish a reasonable profit to those who engage in them. The difference in conditions which generally make this tariff necessary, is the lower price of labor in the foreign countries as compared with the price of labor in our own.

—o—

But the president, consciously or unconsciously, admits that there may be other elements than labor, that sometimes enter into the proposition, because he continues:

(2) But the temptation to combine by which the price could be controlled and thus the excessive tariff taken advantage of, led to a modification of the protection theory, and to a declaration that the protection of any industry ought not to exceed in the tariff imposed more than the difference between the cost of production abroad, the cost of production here, and enough to give a fair profit to the domestic producer or manufacturer.

—o—

All of which is eminently fair and absolutely sound. We predict that future tariff legislation must be on this basis. Continuing, the president said:

(3) This limitation of the protection theory necessarily took away any grounds for a tariff between this country and any country in which the conditions of production were substantially the same. The condition of production and manufacture in the United States and Canada are substantially the same. Wages may differ in one portion of Canada from another part, just as wages differ in different states in this country, but taken by and large, the character of the laborers, their intelligence and their skill, and the price paid them per unit of work are not substantially less in Canada than they are in this country.

—o—

Other quotations from the president's speech are as follows:

(4) The suggestion that the opening of our markets to Canadian wheat and other cereals will reduce the price of land in Ohio, Illinois, Indiana and Iowa is refuted by every table of statistics that presents the comparative increases of land in these states under the influences of the opening of the wheat fields of the states further west.

(5) To let the wheat of the northwest come down to Minneapolis and Chicago will steady the price of wheat, will prevent its fluctuations, will make much more difficult speculation, and will furnish us greater insurance against short crops and high prices. But that it will in the end substantially reduce the price of wheat, which is fixed for the world in Liverpool, no one familiar with conditions will assert.

(6) It will give to the United States much greater control of the wheat market than it has ever had before. It will enable its milling plants to turn Canadian wheat into flour and send abroad the finished product, and it will stimulate the sale of manufactures and other things that we have to sell to Canada."

(7) In removing the artificial barriers between the northwestern part of the United States and the Canadian provinces the result will be to bring over live cattle to feed on corn of the American farmer. The rapid increase of population in the United States requires a source of food supply, like Canada, right at our doors.

(8) We shall be blind indeed, if we reject this golden opportunity to add to the strength and virility of our country by thus increasing our self-supporting capacity.

—o—

We offer the following comments and criticisms on the president's speech:

(1) (2) Take the modification of the protection theory, viz.: That the protection of any industry ought to be only the difference between the cost of production abroad, the cost of production here and enough to give a fair profit to the domestic producer. Perhaps it will be sufficient answer to say that there is not a considerable section of farm land in our country that will produce as heavy crops now as originally, without resorting to artificial means, rotation, resting and fertilizing. The farmers of the New England States, Eastern States, Middle States, Western States, Southern and Northern States know this is true. Where artificial help, expensive helps, are not resorted to the acre yields have decreased because of continuous cropping.

—o—

But how about Canada? We are told there are almost numberless acres

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My other proposition is located in the counties of La Porte and Porter, in Northwestern Indiana, and is known as THE LA CROSSE PRAIRIE TRACT. This tract comprises about 10,000 acres and consists of a number of large farms under a high state of cultivation and with splendid buildings on good roads. Crop reports prove conclusively the high value our lands possess in their production of livestock, corn, wheat, oats, hay, sugar-beets and other special crops. These lands are less than sixty miles from Chicago, and are tributary to five trunk line railroads. The soil is dark and rich, easily worked and free from stones. The surface is level but well drained. Conditions of health are the very best. Prices range from $70 to $125 per acre, according to location and improvements. Terms are one-third cash with balance at five per cent. This is the same type of land that sells for $200 and upwards, per acre, in Central Illinois and it will produce no more, (sometimes not as much), than our lands at about half that figure. Fully illustrated booklet and map free upon request. Write today.

Samuel S. Thorpe

Owner of the CADILLAC TRACT in Western Michigan

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in northwestern Canada that have never felt the plow, and which are only waiting for the husbandman to tickle the soil and sow the seed when they will burst forth with harvests that can not be hoped for in this country without arduous work and the continuous application of fertilizers. And what we have been told is true.

—o—

Now, who dares contend that there remains any part of the United States that can produce wheat, oats, barley, etc., as cheaply as the farmers on the virgin lands of Canada can? We ask the farmers in Pennsylvania, Kentucky, Indiana, Iowa, Kansas, Texas, Minnesota, the Dakotas, Montana and other states, can you? And the distance and transportation charges will not equalize values. There are many states in our country as remote from the heavy centers of consumption as the producing sections of Canada are. Besides, Canada has advantages in transportation that few of our states enjoy. It is comparatively a short haul to Lake Superior, where there is cheap water transportation to New York. In the matter of shipping, the products of northwest Canada will be thrown into the great consuming centers of the east at less cost for freight than will be charged from many of our own states.

—o—

If President Taft is a protectionist, as he declared, then why are our farmers not entitled to continued protection from this evident unequal competition. As far as wheat is concerned, to throw the Canadian crop on this country now, and what can be raised in the future will amount to exactly the same thing as throwing our country open to the world's wheat production. And that puts our farmers on an exact level, as laborers, with the peon labor of South America and the peasant labor of Russia. Events will prove that we are correct.

—o—

(3) The conditions of production of farm produce are not substantially the same in this country and Canada, notwithstanding the president's statement. Wages per day, or month per man, is the least important factor in the matter, but the ability of the soil to produce and the necessity or lack of necessity to stimulate production by artificial means are the great factors. And the more care the soil needs, the more help is required. We do not know exactly, but we believe one man will farm as many acres in northwestern Canada as three men here, and acre for acre the Canadian farm will yield the larger crop.

—o—

(4) We believe the president spoke from hearsay. We claim that following the Homestead Act, and when the great development of agriculture was on in our western and northwestern states, more than fifty per cent of the land holders in the east, who had bought high priced land were bankrupt. It has been only a few years since farmers in the older states finally rose above that condition and have been making a moderate profit. But the east has never fully recovered, and land in Pennsylvania, New York, Maryland, etc., is still lower in value than before the opening up of the new sections. To confirm this agreement will do to all our farmers that the "Great West" did to some of them in the '70's, '80's and '90's.

—o—

(5) We'll risk our reputation as a prophet that instead of steadying the price of wheat the fluctuations will be greater than before. The speculators could not think of anything they would prefer to this agreement. Have you heard one of them enter a protest? Yes, we agree that it will help to insure against high prices, even decently reasonable prices in normal years. While, if this country has a short crops our farmers can not get a price correspondingly high, because they will be practically on a world's production basis. How does Liverpool fix the price of wheat in this country, when it is above an export basis, Mr. President? And if Liverpool fixes the prices always, why does it not always fix it on a basis that it gets the wheat for export? Such teaching is false and such teachers are dangerous. See also Question Box in this number.

—o—

(6) But what people of the United States? The farmers? No! the millers and the speculators. Enter into the agreement and the gambling boards of trade and the millers will have a bigger club to beat farmers' independence into the dust.

—o—

(7) Our farmers have been raising all the cattle they could sell at reasonable prices. From a supply standpoint more cattle are not needed. But if it can be figured out that the mountains of profit between the producers' fair price and the consumers' prohibitive prices will be lowered, we will say amen to the cattle proposition. But there is no such claim.

—o—

There is today, land within the borders of our country, to support a population of 450,000,000 people. And all our present farmers ask is to be let alone and they'll produce the stuff at reasonable prices to feed unborn millions as fast as they come. But, we believe, just as sure as congress makes a law of the submitted agreement it will prove the greatest curse that was ever forced on any country. And not agriculture alone, but every industry in the country will be injuriously affected.

—o—

The fate of the agreement may be decided before our next issue reaches its readers. If it passes, then let farmers organize and remove it from the statute books in 1912.

U. S. Canada Recopricity

DEAR EDITOR:

In reading your paper I noticed that the lawmakers of our nation are about to enter into a compact with the Canadian government to allow Canada to ship her wheat into out country free of duty and that at a time wheat is selling at 88c a bushel at our station. Now my impression is that if they do this that they surely ought to see that our farmers get their machinery and farm implements at about half the price that they pay for them now. One bushel of wheat wont bring money enough to buy a plow handle in our town. One plow handle for a Scotch clipper plow costs 90 cents here.

It is my opinion that the voice of the people will not be heard until all the editors of farm papers wield the big stick in defense of the producers and consumers.

I have been told a number of times that the same make of selfbinders that we pay $125 for are being sold in Germany for $75.

If I could be certain of steady, profitable prices for produce I could make my farm yield four times as much as it yields at present.

When we take a load of produce to town we are often told that that certain kind of produce has taken a big slump and that the bottom has fallen out of prices. Because of the present system a number of farmers in my neighborhood are working their farms so that they bring just about money enough to keep them living and pay their taxes, which are increasing at an alarming rate.—J. U. Church, Clintonville, Wis.

The Farmer's Friend

DEAR EDITOR:

Up-to-Date Farming is O. K.. Each succeeding paper is better than the last. I think it is the farmer's friend. All my neighbors are going to take it this year.—Alice Eastridge, Newton, Ind.

A Very Great Paper

DEAR EDITOR:

I send my renewal and I want to say here that I think Up-to-Date is a very great paper and one that can not have too large a circulation. It will benefit every farmer in the whole land to read it.—Wm. N. Roberts, Montrose, Ark.



How the farmer will benefit from the reciprocity act.—Illustration from *Grain Growers' Guide* (Winnipeg).

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This column is for members and subscribers. Use it to ask any questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *Will you please give the prices of grain in the 1860's and compared with the present prices; and of wages then and now?—John Witman, Hooper, Ill.*

ANSWER: We can not do it from any records we have. We wrote to the department of commerce and labor at Washington and received this reply:

"This bureau has published no such report. I would say, however, that a report was made some years ago entitled, 'Wholesale Prices, Wages and Transportation,' which contains the information you wish. The report was Senate Document 1394, 52nd Congress, second session. It is possible one of the senators from your state may be able to secure a copy for you."

Ask your senator to get it.

Q. After reading your Editorial on "Canadian Tariff Treaty," which seemed to be a very fair view of the subject I turned to the Practical Farmer, issue of February 18, and read: "Reciprocity With Canada." 'This agreement with Canada will greatly benefit the American producer as well as consumer (1) in relieving them alike from the bondage of great combinations that control our markets." (2) Also that paper claims that "wheat of the same quality commands the same price whether raised in this country or Canada." How are we to decide between these two lines of argument when two papers of so wide circulation express such a difference of views. I am a farmer, but don't raise wheat. (3) Why then must I pay trust prices for flour when the producer does not get a price proportionately for his wheat that I pay for my flour? N. F. Porter, R. R. 30, Dawson, Pa.

A. (1) Before this can be answered intelligently we must know what great combinations are referred to. If combines to store crops, or make flour, or the big packers, then there is positively nothing in the movement, if accomplished, to give farmers an iota of protection from them, but on the contrary all such classes will be benefited if there is a greater volume to handle. And this is what everybody from President Taft down expects, and which Canada expects, or why would she want this country opened up to her farm produce if none would come in. "You can not beat a combine that now "controls our markets" by flooding the country with more stuff. But every bushel, ton, bale or pound additional will benefit the railroads, all the people through whose hands the stuff passes and every elevator or warehouseman in whose building it is held for a time, and strengthen them to dictate to both producers and consumers, particularly the former. Also read Local Union department in February 15 number, and editorial in this paper. (2) Theoretically this is true, but actually it has not been true for a few years. The United States is nearly on a balance in wheat production with consumption. Any person who reads much has read in the market reports—"price of wheat is out of line for export." That is: the price here was higher than in some other markets where Europe was daily supplying its enormous needs, and Canada was one of those countries. Now review the course of the wheat market for several years and you will find that late in the marketing season, foreign prices went higher and any surplus we had was usually taken, not at the price other countries, including Canada were willing to sell for early, but, when those countries were drained of cheap wheat, the demand sought this country and paid the price our farmers held for. If Canada is now permitted to dump her wheat into this country, the control our farmers exercised will be more difficult, if not impossible and if the agreement is entered into and continued it will be fifty years or more before United States farmers can again, by a considerable number of them holding their wheat off of the market, compel better prices than a world export basis. They will be put on an exact equality with the peons of Argentina, the peasants of Russia and the cheapest workers in the world. Also when the virgin northwest Canada lands come into direct competition with our lands, that must have expensive fertilizers applied, the owners of these farms will face a condition that has not confronted them for many years. (3) Figure it out on the basis of seven bushels of wheat per person, per year, and see how little difference it will be to your family, when the price of wheat is 80 cents or $1.20 a bushel to the producer. Tear down the protection wall between Canada and this country and wheat growing will be abandoned on tens of thousands of farms and the ground put in other crops. Then you will have more competition on the crops you do grow and lower prices. Every way you look at the farmers' price problem you must concede profitable prices to those who produce what you must buy, or they will raise your crops and thus destroy your profits.

Q. Mr. W. Chadderton, my neighbor, has requested me to undertake to organize a local union here. We are badly in need of a society of some kind. The farmers here are even not very friendly with one another—every man for himself. Yet they don't want to be that way at heart. Do we need your society and if so, how can we get it?—Jack Grimes, Deer Park, Md.

A. Yes, you need a local union of the Farmers' Society of Equity at your shipping station for business, and it will soon exert an influence for a great moral improvement in your community also. We have sent full particulars and instructions. Organize your local and you can use it for betterments in many ways and along various lines.

Q. We farmers of this community, have been contemplating the organization of some sort of farmers' co-operative association, through which we can store and hold our produce until we can secure satisfactory prices. I received UP-TO-DATE FARMING and your plans for marketing interested me. We want to build warehouses where the members can store their produce, insure it and if necessary, borrow money on it while stored. The people of this community are going to organize and co-operate, in some manner, to get what belongs to them. We are now searching for the best plan. I enclose $1.00 for my membership-at-large. Please give me full particulars.—D. E. Hopkins, Oscoda, Mich.

A. We sent full particulars of the Farmers' ociety of Equity. It will meet every requirement of every farmer in the country and for every crop. Also the plan of the Equity System of Marketing. The latter we commend as the *only* practical plan—one that will give much benefit at once and increasing benefits as the organization grows stronger. We will send the same instructions to all inquirers but first read the first column in Local Union department of this paper.

Q. The farmers around here want to organize together and operate a farmers store and buy our goods at wholesale and cut out the merchants. Also we want to market our crops to better advantage. Please send full instructions to organize and directions how to conduct a union.—Anton Naaden, Winona, N. D .

A. Please see first column of Local Union department, also we have sent printed matter, blanks for report, etc. We urge you to make your chief object marketing crops, although you can do every letigimate thing your members want to do through your union.

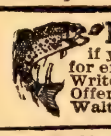
Q. We met and organized into the Farmers Society of Equity with five members. Now we want to know (1) will we be recognized as a local union? (2) Are we entitled to the confidential directory of the Equity System of Marketing and the directions from headquarters? These five members are all extensive fruit growers, especially small fruits. (3) What per cent does the F. S. E. charge for marketing a car of berries. We want to do business through the Society. We have a total of twenty-eight acres of berries besides other fruit this year.—Ben. F. Scott, Thos. J. Smith, Jackie Smith, Madison Scott and Dowling Smith, all of Floyd Co., Ind.

A. (1) Yes, as a conditional local union. The condition is that the present members will get five more members at least and then apply for a charter. (2) Yes. (3) From $10 a car to 10 per cent of the amount sold for. In all of the markets we have made the best arrangements consistent with honest service. The question is not how cheap the service, but how good.

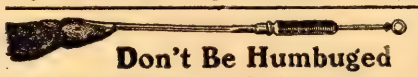
Q. Herewith is my membership. Would it not be a good idea for the members of our grange to become members of the F. S. E., so we can sell our produce together as well as purchase our supplies together?—Chas W. Kregar, Lawton Station, N. Y.

A. Yes, an excellent idea.

Q. The farmers were prevailed upon by a new creamery, established at Cortland, to stock up on cows at high prices, some pay-



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104 ACRES in Washington Co., Ind., good, highly productive land, well improved, new 9-room house, good out-buildings, big apple and peach orchard, R. F. D., telephone; on improved highway. Near school and church; two miles from town. bargain at $50 per acre. Write me; I am owner, not agent. Samuel Batt, Smedley, Ind.

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TEXAS SCHOOL LANDS $1.50 to $5.00 an acre; 1-40 cash, balance 40 years; some don't require residence; good land. Write J. J. Snyder, Dept 27, Austin, Tex.

THREE MICHIGAN FARM bargains. A. G. Blood, Lainsburg, Mich.

"TIPS TO HOMESEEKERS" is free to all except "Suckers." Hesitate and investigate before you migrate. Sec. Scott Co. Development Association, Waldron, Ark.

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ALL LEADING VARIETIES Poultry, Pigeons, Ducks, Hares, Stock and Eggs for sale. 50 page book free. H. M. Musselman, Morwood, Pa.

EGGS FOR HATCHING—Celebrated Rhode Island Reds; 5c each. Selected. Poultry Farm, Springmount, Pa.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs, Catalogue 2 cents. Missouri Squab Co., St. Louis.

NARAGANSETT, Bourbon Red, White Holland, Mammoth Bronze Turkeys. S. Durigg & Son, Armstrong Mills, Ohio.

SILVER LACED WYANDOTTE eggs, $2.00 per 15. Good layers, prize winners. Wortman's Poultry Yards, Leipsic, Ohio.

Produce Commission Merchant

TAKE NOTICE—T. J. Hoover, Phila., Pa., sells poultry, eggs, apples, potatoes, onions, cabbage, carloads and less.

Seeds and Nursery Stock

HIGH BRED BROOM CORN SEED. Fanning Seed Co., L. Box 32, Oakland, Ill.

Situation Wanted

HOLLAND EXPERIENCED TRUCK and fruit farmer wants position on farm. Address R. P., care UP-TO-DATE FARMING Indianapolis.



ing $130 for one cow. Last December milk sold at $2.50 per cwt. January 1 it dropped to $1.08 per cwt. The cheese factory closed December 1 and will stay closed till April 1 and may not open before first of May. This made the opportunity for the creamery to put prices down. The result is there are a lot of blue farmers here. Hay costs $16.00 a ton and they must depend on mill feed for the grain feed.

In the past they laughed about the F. S. E., but now they say "something must be done." I believe they will organize now if you tell us how and then how to proceed to overcome the dilema we find ourselves in.—J. U. Giesy, Cortland, O.

A. See the first column in Local Union department and other instructions that we send by this mail. The solution of your problem is organization. For your particular case, local organization will be enough. You see, the creamery and cheese factory companies have their plants at Cortland. They can not afford to move them and they can not afford to let them remain idle long. So, if the farmers will organize all around Cortland *and agree on a fair price and stand together for it*, they, the farmers, will control. Organize one strong local at Cortland. If you want an organizer to help you let us know.

HAY IS IN DEMAND

Several of the Equity System markets are calling for shipments of hay. While the prices prevailing are not up to the minimum prices at present, yet the demand is good and prompt sales can be made at very fair values. Parties who intend to sell hay in the next 30 days should fill out the blank on page 5 and get the help of the system.

DID YOU EVER GET YOUR CALENDAR

If you did not, send 10 cents and we will send it at once. We mean a Woodland Calendar that has been offered in this paper for a few issues. We have one printed for each subscriber and, since we have some left, some of the subscribers have not received theirs, hence this final offer. We make no condition other than that your subscription is paid in advance.

We have one for you and we want to send it now. You may use this coupon.

CALENDAR COUPON, MARCH 1

Up-to-Date Farming,
Indianapolis, Ind.

Herewith I send you 10 cents, please send my Woodland Calendar by mail.

My
Name .....
P. O. .....
R. R. ..... State .....

Thinks Plan All Right

I think your plan of organizing and marketing is all right. Rush Lake, would be a good place to establish a local union as we already have a cooperative farmers company there that handles the farmers coal, bran, salt, etc. We have coal sheds and a small warehouse. Please send me 25 or 30 copies of UP-TO-DATE FARMING and I will distribute them.—J. A. Kolb, Green Lake Co., Wis.

(We see by his letterhead, that Mr. Kolb is president of a creamery company. We consider the conditions for the Farmers Society of Equity and its Marketing System excellent in that section of Wisconsin. Also the farmers are evidently well enough trained in business to appreciate system in business, and soon secure the full advantages. Ed.)

Let Others Follow This Example

Editor Up-to-Date Farming:

Your editorials on Canadian Reciprocity struck me as worth backing, so I went out and got four subscribers to add to my own for your subscription list. I agree with you that such a law will lower the price of our farm produce to the hurt of farmers. It will benefit the "interests" but will not materially reduce the cost of living. Every important act of congress passed lately has been in the interest of the organized interests—the children of Israel—and against the people. Unless our lawmakers face about I predict nearly all workers will be out of jobs in two years and our crops will be small on account of lack of remunerative prices.—Wm. H. Staples, North Easton, Mass.

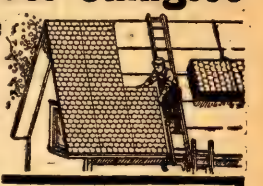
For information about the great possibilities in farming in California, its wonderfully delightful climate, etc., write to Homeseekers Information Bureau, 714 Bee Building, Omaha, Neb.

A new shoe has been invented and placed on the market that will interest every farmer. Soles made of aluminum, water proof, wear-resisting. Investigate the Racine Aluminum shoe, sold by the Metal Shoe Co., Station 20, Minneapolis, Minn.

If there is an up-to-date farm on which Henderson Seeds are not known we say "get acquainted right away." Send for the Henderson seed book, to Peter Henderson & Co., 35-37 Cortlandt St., N. Y. City, and mention Up-to-Date Farming.

The lumber trust demands a big toll from every builder—if it can. There is a way to get first class material at a fair price. Gordon-Van Tine Co., 2384 Case St., Davenport, Iowa, sell lumber and mill work, hardware, etc., direct from the mill to user. Save extra profits. Don't build or repair until you have their catalog.

Edwards Interlocking "Reo" Steel Shingles



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They are stamped in best Bessemer Steel and come in sheets 5 to 12 feet long and 24 inches wide, either painted or galvanized. Will not rust or corrode. The nails are covered by our patent interlocking feature which prevents leaking, etc.

Reo Steel Shingles are easily put on any roof. Hammer and nails only tools needed.

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Perfect protection against fire, and are absolutely guaranteed by us in a $10,000 bond as proof against lightning.

Will outwear wood or composition roofs and cannot be distinguished from best cut wood or slate shingles.

Get Manufacturer's Bargain Prices

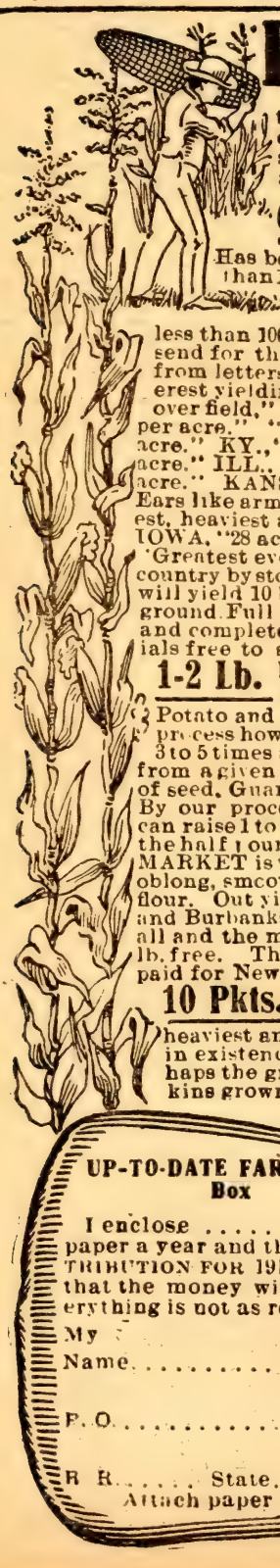
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Send for Our Free Catalog No. 361

It contains valuable information you should have before you put on that roof. Send dimensions of your building and we will quote cost of a Reo Steel Shingle roof delivered to your railroad station.

We want one representative in every community to demonstrate and take orders for Edwards Interlocking Reo Steel Shingles. Write us today—now! (40)

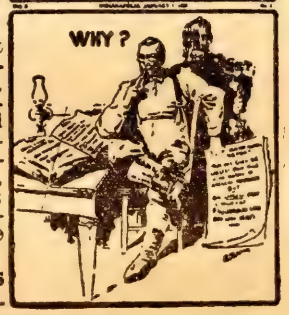
THE EDWARDS MANUFACTURING COMPANY
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To prove to the farmers everywhere that the subscribers to UP-TO-DATE FARMING get 25 to 35 per cent. more for their crops than others do we make this great offer. Send your subscription now, with the grain of corn coupon. You will receive all the high bred, seeds for crop improvement, named below;

UP-TO-DATE FARMING

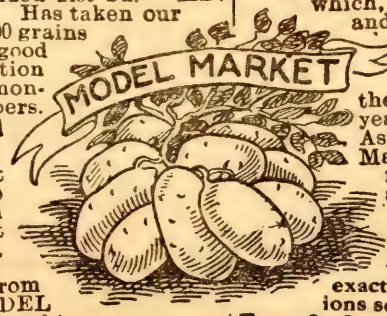


600 Grains Farmers Interest Corn

Has been bred and improved more than 15 years. The most productive white dent corn in the country. If your corn yields less than 100 bu. per acre on good ground send for this at once. Read extracts from letters: INDIANA, "Farmers Interest yielding 100 to 120 bu. per acre all over field." "50 acres averaged 98.96 bu. per acre." "Turning out 95 to 100 bu. per acre." KY., "Yielding 100 to 120 bu. per acre." ILL., "Good for over 100 bu. per acre." KANS., "Yielded 114 bu. per acre. Ears like arms of giants." TENN. "Largest, heaviest and best, 50 ears made a bu." IOWA, "28 acres yielded 2430 bu." MD. "Greatest ever seen. Has taken our country by storm." 600 grains will yield 10 bu. on good ground. Full description and complete testimonials free to subscribers.

1-2 Lb. Model Market

Potato and a secret process how to raise 3 to 5 times as much from a given amount of seed. Guaranteed. By our process you can raise 1 to 3 bu. from the half pound. MODEL MARKET is white, round to oblong, smooth, bakes or boils like white flour. Out yields Kings, Carmens, Rurals and Burbanks. The greatest yielder of all and the market's model. We give 1-2 lb. free. Think of the prices you have paid for New Potatoes before.



10 Pkts. Vegetable Seeds including a package of the largest, heaviest and most productive Pumpkin in existence. Read this letter: "Perhaps the greatest exhibit was 21 pumpkins grown on one vine. The total weight was over 1000 lbs. the average weight was over 50 lbs. This is what our paper printed about your mammoth pumpkins that I exhibited at our institute."—Mrs. Jas. Seeds, Lawrenceville, Ill. The other seeds are: Cabbage, O. W. T. and All Head; Beets, Columbia; Cucumbers, Everbearing; Lettuce, Everlasting and Early Curled; Radishes, Crimson Giant and Cin. Market; Tomato, O.K. First Early and Quarter Century. These seeds will give you the best garden you ever had.

10 Pkts. Choice Flower Seeds including one pkt. Pyrethrum, a large, showy plant which bears a profusion of delicate pink daisy-like flowers. The dried and powdered flowers make the famous Persian Insect Powder which, while harmless to people and animals, is sure death to bugs, worms, flies, mosquitoes, bed bugs, roaches, etc., on plants and in the house. Once sown last for years. The other 9 pkts. are Asters, Balsams, Carnations, Marigold, Pansy, Phlox Drummondi, Nasturti m, Poppy, and Sweet Peas. 10 Pkts.

30 Big Cash Prizes

Will be awarded to subscribers who plant these seeds. No exacting conditions. Full instructions sent with each collection.

For Only 50 Cts. We will send Up-to-Date Farming one year and all these seeds postpaid. 24 big numbers. 22 different varieties, 22 packages.

Yours Free Send a club of four at 50 cents each, $2.00 (5 for the price of 4) and yours will be sent **Free**

UP-TO-DATE FARMING
Is published twice a month. It is the only paper in the world that has established a successful marketing system that insures for its subscribers higher prices for their grain, fruit, vegetables, cotton, poultry, eggs, butter, stock, etc. This service and system are free to all subscribers. We make this offer to get your subscription at once

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I enclose .....please send your paper a year and the GREAT SEED DISTRIBUTION FOR 1911. A condition is, that the money will be returned if everything is not as represented.

My
Name.....
P. O.....
R. R..... State.....
Attach paper for more names.

NEW SEED OATS

Big Money in Oats



New Seed Oats. Big money in oats if you raise the right kind. Here's your chance to get them. Imported Canadian Seed Oats for sale; extra fine. Send for free sample. It speaks for itself. This same oats we sold last year in the United States and proved their merit and our statement that the farmers need a change of seed in this country. We make a specialty of growing extra fine seed oats on our big Canadian farm; new, clean land; no weeds. Have best known varieties. Regenerated Swedish Select went 116 bushels to acre this year; Early New Market, Canada's favorite, 110 bushels to acre. Both of these are big, early yielders. We absolutely know from experience it will pay you to get a change of seed. Try some of these oats. The average oats are inbred and run out. Canadian Government Grain Inspector graded this grain No. 1 White. Have stiff straw, white berry, thin husk, enormous yielder. It is as easy to put in and harvest a big crop as a small one. The reason your oat crop is not bigger is because your seed is run out. This has been proven. Look at this cut. Taken from photograph of two stalks from Galloway Brothers' field, over 200 kernels to the stalk. Write early for free sample, or, send ten cents each for packet of one or both kinds. Will also send you free booklet entitled "Big Money in Oats and How to Grow Them," by Galloway Bros. and Prof. M. L. Bowman, former professor of farm crops Iowa Agricultural College. Information in this book is priceless. Get it free. Resolve to start a seed patch on your high-priced land this year. The book tells you how.

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(22 INCHES LONG)



Complete Kitchen equipment-a utensil for every purpose. A place for everything, fewer steps, less annoyance greater comfort, Every item is a household necessity, used daily. Made of the highest grade of tempered crucible steel, ground and polished by the latest improved process. Rubberoid finish, hardwood handles; matched and mounted with nickel plated ferrules, making set an ornament to your kitchen. The rack is 22 inches long, made of wrought steel, heavily enameled in black. In back of rack is space for kettle covers, trays and shallow articles or cooking utensils.

COUPON

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Send me full information how I can get the American Kitchen Set FREE, by getting a few subscriptions to the EPITOMIST. Also send me a sample set of Post Cards that go with each subscription. I will do my best to get up a club for you and get the Kitchen Set.

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We are selling high-grade guaranteed Building Material of every description at 50 cents on the dollar. If you want to save 50 per cent of the prices demanded by retail dealers, here is your chance. Simply put your name and address on the coupon and "Uncle Sam" will bring you our Grand Free Catalogs of over 5,000 Bargains—everything required to put up a new building or modernize an old one. Here in our great new fireproof plant, built of solid concrete, we carry the largest, finest stock of building material in the world.

Build That House or Barn NOW and Save Money in Big Chunks!

To celebrate the completion of our new fireproof plant, we have started a sale that has startled the country. So great are the price reductions, so vast and varied is the stock, so wonderful are our new facilities for quick shipment, that the public is simply paralyzed. If you are **ever** going to **build**, if you are **ever** going to **remodel** or **repair** your house, barn or other buildings, if you are **ever** going to buy Building Material, **now, now, now** is the accepted time—the supreme opportunity to save **big money**—to make every dollar go **twice as far as before.** Such stupendous bargains, such money-saving offers, such high quality for so little money, may never, never, never come again. Delay may cost you dearly.

Over Half a Million Customers!

Solely through our Grand Free Catalogs and the Big Values offered therein, we have built up a patronage extending from ocean to ocean. **Over half a million satisfied, enthusiastic, loyal customers on our books!**

You can't put your finger on the map of the United States without locating a Gordon-Van Tine customer! We have been in the Building Material business since 1865. Our business motto is the Golden Rule.

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A Flight of Stairs Complete for $23.93

Our prices save you from $60 to $125 on stairs.

Three Big Banks Certify to Our Reliability!

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Capital $250,000 Surplus $150,000
Davenport, Iowa

To Whom it May Concern:
It gives us great pleasure to testify to the reliability, business integrity and honesty of Gordon-Van Tine Co. Their financial responsibility is well over three hundred thousand dollars ($300,000.00), and they enjoy the highest credit with western Financial Institutions.
We assure prospective customers that they are perfectly secure in sending the money with their orders, as we understand that if goods are not entirely satisfactory they may be returned at shippers' expense and the money will be promptly refunded. The officers of this company are well and favorably known to us, and may be relied upon to do exactly as they agree.
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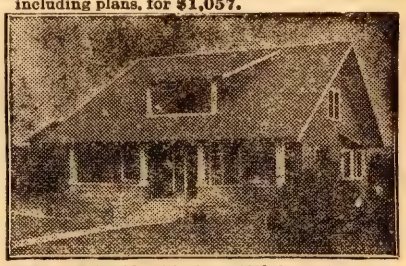
$1,827 builds this 8-room house complete. We will furnish you all the Lumber and Millwork, including plans, for $698.



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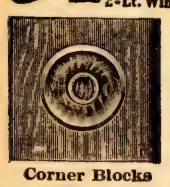
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Water-Proof and Fire-Resisting
FLINT-COATED ROOFING
Per Roll of 108 square feet . . 93c
1-Ply, 93c
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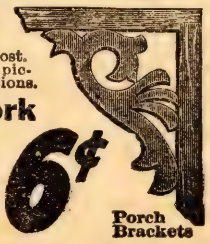


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Every building shown has been actually built at the prices stated. The handsome houses shown at the right-hand side of this page are taken from our Plan Book. **Note the low cost for lumber and millwork!** The book is free. **Send 10c for postage and mailing.**

How to Remodel Old Houses at Very Low Cost for Materials

Our Grand Free Millwork Catalog gives valuable ideas for modernizing old houses—tells how to add stairs, porches, mantels, plate rail, etc., etc., at **lowest** possible cost. Costs only a few dollars to double the attractiveness of an old-fashioned house.

Estimates FREE

Send List of Materials Needed and See What We Can Save You

Our Estimating Department makes no charge for giving complete itemized figures on material for any kind of a building. Send list of materials wanted, or figure it out yourself, from our catalog.

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Write NOW! Don't Delay!

Buy from us in any quantity—at **wholesale prices**—less than the retail dealer pays. We undersell everybody because we save you the middlemen's profits. Whether you buy $5 worth or $5,000 worth, you get our lowest prices, and our guarantee of quality. Safe delivery and satisfaction or every dollar refunded.

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to Celebrate Completion of Vast New Concrete Warehouses

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Write immediately. Use the coupon or write a letter or postal. This is important. Get possession of the great money-saving, price-cutting catalogs. Get your name on our Free Mailing List for extra Bulletins as fast as they are issued. (46)

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Address.....

Occupation.....

Any of following books free. Check the ones you wish.
☐ MILLWORK ☐ ROOFING ☐ LUMBER

GORDON-VAN TINE CO., 2385 Case St., Davenport, Iowa

MARKED COPY: See Page 28



Volume XIV MARCH 15, 1911 Number 6

1911		March				1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 7th	F. M. 14th	L. Quar. 22d	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	N. M. 30th

Up-to-Date Farming

PUBLISHED TWICE A MONTH

EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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1911 CONVENTIONS

FARMERS SOCIETY OF EQUITY

The 1911 National Convention of the Farmers Society of Equity Will be Held at Headquarters, Indianapolis, Ind., the Week Beginning October 23, 1911.

—By Order of the Board of Directors.

Beginning as early as possible State meetings will be held in the following States at times and places to be announced later.

Arkansas, California, Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Michigan, Minnesota, Missouri, Montana, Nebraska, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Washington and Wisconsin.

Any state from which a good interest is not displayed in a reasonable time, will be omitted.

The object of the State meetings are:

FIRST. To defeat the proposition to admit Canadian farm products into this country free; or if the law is enacted, then to throw the force of the farmers, combined, on the next congress to have it repealed.

SECOND. To inaugurate campaigns of organizing the farmers so that they can co-operate in marketing their crops and in everything else for their welfare.

THIRD. To instruct farmers as to the Equity System of marketing, already established, and the way to use it.

Farmers can not protect themselves and secure their rights short of co-operation; they can not co-operate until they are organized; they will not organize until they are educated—shown how. Therefore, the State meetings. At these meetings every county must be represented. Plans will be agreed upon and the delegates will carry them to every section of the State and start the education and organization in co-operation with the State and National head-

(Continued on Page 24.)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD
It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.
400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

Watch and Wait

WATCH it for twenty-five days--WAIT until you are sure. Let the days pass one by one and make up your mind slowly, day by day. Take your time in deciding. Every day will mean something, will tell its story to you, but take your time and watch and wait. Note results each day, but wait until you are absolutely certain. You will not be rushed, hurried or worried. All you have to do is to send for it, to write the message that will bring it to you, as fast as the mails can travel, and then WATCH and WAIT. We give you plenty of time to watch its results, we want you to wait until the full time is up, to be sure your health is returning, to be sure Bodi-Tone is doing its work, to be sure that every word we say in this announcement about Bodi-Tone is true. We don't want a penny until you have watched it for twenty-five days, until you have waited long enough to be sure, unless you are sure. If it does not benefit, it costs you nothing. You have ALL to win and NOTHING to lose.

If you like fair dealing, if you like a fair offer, if you are sick or need better health, read every word herein and then send us the coupon and get a full one dollar box of Bodi-Tone on twenty-five days' trial, for this is how Bodi-Tone is being offered to the sick.

Bodi-Tone

does just what its name means—*cures disease by toning all the body*, and we want you to try a box at our risk and see what it will do for *your* body. Bodi-Tone is a small, round tablet, that is taken three times every day. Each box contains seventy-five of these tablets, enough for twenty-five days' use, and we send you the full box without a penny in advance, so that you can try it and learn what it is, so you can learn how it works in the body, how it *cures stubborn diseases* by helping nature to tone every organ of the body. Tone is a little word, but it means a great deal, everything in health. When all the organs are doing their part, when each is acting in a perfectly natural way, when all the functions are healthy and performed with natural vigor, when the energy, strength and power of resistance to disease are all at a natural point, then the body is in proper tone. When disease has attacked any part, the tone of the entire physical body should be raised to the highest possible point, to make all the body help in the cure. This is the power which underlies all of Bodi-Tone's great work for the sick, this is the power it offers you to help you get new health and strength.

Not a Secret

Bodi-Tone is not a patent medicine, for its ingredients are not a secret. Each ingredient that is used to make this splendid remedy *is fully described* in the Bodi-Tone book, sent free to every Bodi-Tone user. When you use Bodi-Tone you know just what you are using, know it is good and safe and know you are taking the kind of medicine to provide real help for the body. It is a pure remedy that satisfies the most exacting. It contains no narcotics or habit-forming drugs, nothing that can injure the stomach; it contains no ingredient that your own family doctor will not endorse and say is a good thing. It does not depend on killing pain with cocaine, opium, morphine, or other dangerous drugs. It does not excite the body with alcohol, but it tones the body and cures its disorders with remedies Nature intended to tone and cure the body when that power was given them. It makes health in a *natural* way.

Among the ingredients which give Bodi-Tone its great power, are Iron, to give life and energy to the Blood, Sarsaparilla, to purify it, Phosphate, to nourish the Nerves, Lithia, for the Kidneys, Gentian, for the Stomach, Chinese Rhubarb and Oregon Grape Root for the Liver, Cascara, to restore tone to Bowels and Intestines and Peruvian Bark for the General System.

Each ingredient Bodi-Tone contains adds a needed element from nature to the body. Each has work to do and does it well. We claim no credit for discovering the ingredients in Bodi-Tone, each of which has its own well-deserved place in the medical books of most of the civilized world. We simply claim the credit for the successful formula which we invented, for the way in which these valuable ingredients are combined, for the proportions used, for the curative force which thousands have found in Bodi-Tone, for the cures which make it different from other remedies. Most of these ingredients are as old as civilization itself, for the curative forces Bodi-Tone uses are the forces which have always existed in nature for the restoration of the body's health. Many are regularly prescribed in some form by the medical profession for various diseases and irregular conditions, being used either separately or in combinations with such drugs as each doctor may favor, for there are wide differences of opinion among the doctors of various schools. The *exact combination used in Bodi-Tone* is what makes Bodi-Tone's success in fighting disease, what makes it cure where doctors' treatments have failed. There is no other remedy made from this exact formula, which is Bodi-Tone's own, and which gives Bodi-Tone the curative and restorative power that makes possible the remarkable cures experienced by Bodi-Tone users, cures which prove the difference between Bodi-Tone and common remedies. That is why we want to send you a box of Bodi-Tone on trial, as soon as you write for it, for we know you will find it different and superior

You Need It

If you are tired of ceaseless doctor bills and wearied of continual dosing without results, *you need Bodi-Tone right now.* If your local doctor is doing you no real good, if you have given him a chance to do what he can and the ordinary medicinal combinations he used have failed, give this modern, scientific combination of special remedies a chance to show and prove what it can do for you. Its greatest triumphs have been among men and women with chronic ailments who had tried physicians at home and elsewhere without getting permanent benefit, and for this reason all chronic sufferers are invited to *try it at our risk.*

Bodi-Tone offers its valuable services to you right now, right from this page, if you are sick, if you need medicinal help, if your bodily organs are not acting as they should, if your body is not in right and natural tone. That is what Bodi-Tone is for—to restore health, vigor, vitality and strength by restoring tone to the body.

If there is anything wrong with your Kidneys, Bodi-Tone helps to restore tone to the Kidneys, helps to set them right. If there is anything wrong with your Stomach, Bodi-Tone helps to tone the Stomach, helps to set the wrong right. If there is anything wrong with your Nerves, your Blood, your Liver, your Bowels or your General System, the health-making ingredients in Bodi-Tone go right to work and keep on working day after day, exerting always a definite action that produces curative results of the kind sufferers appreciate. If you have Rheumatism, Bodi-Tone helps to eliminate the Uric Acid from the system while it restores tone to the Kidneys, Stomach and Blood, thereby preventing a continuance of Rheumatic poison and putting new activity into muscles, nerves and joints. Bodi-Tone should be used by all women suffering from any Female Ailment, for its toning properties have been found especially valuable in such ailments. Men and women who are weak and run down from overwork, worry, or causes unknown to them, who feel their reserve force slipping away from them, and are losing their fight against the body's inefficiency, find new life in Bodi-Tone, as hundreds testify.

Easy To Get

Why delay another day, when a trial of this proven medicine is yours for the asking. Why keep on suffering, when by clipping the coupon, filling in your name and address and mailing it to us, you can get a twenty-five days' treatment of this great remedy which has already restored thousands to health, which folks everywhere are talking about. It just costs a stamp and you don't pay a penny unless it benefits you. You take no chances, for the value and curative powers of Bodi-Tone have been amply proven by two years of glorious cures. It is no longer a new remedy, but a remedy with a history—a history of cures that has astonished the doctors and delighted the sick. It has been tested in thousands of cases, covering a great variety of ailments in both sexes, at all ages.

Persons suffering from Rheumatism, Stomach trouble, Kidney, Liver and Bladder Ailments, Uric Acid Diseases, Female Troubles, Bowel, Blood and Skin Affections, Dropsy, Piles, Catarrh, Anaemia, Sleeplessness, LaGrippe, Pains, General Weakness and Nervous Breakdown, have tested Bodi-Tone and fully proven its great remedial value in such disorders.

Their experiences have proven beyond a shadow of doubt how the Bodi-Tone plan of *toning all the body* is a right plan that helps to *cure* these and other disorders. Many who were for years in poor health and tried most all of the prominent medicines, have found that *one single box of Bodi-Tone* did more good than *all* the others combined. Bodi-Tone makes up and repays for past sickness with a *strong and virile health* that is often better than the sufferer knew for a long time before sickness began to trouble. It makes the body right with its maximum strength, vigor and vitality, which it may not have possessed for years previous, even when in fair health. Bodi-Tone works what seems a miracle by *putting tone where tone was needed.* Read the reports, which illustrate how quickly Bodi-Tone benefits and cures, and send for a box. Address the coupon to Bodi-Tone Company, Hoyne and North Aves., Chicago, Ills.

LONGTOWN, S. CAR.—I took Bodi-Tone for about two months and have derived untold benefit from it. I



am in better health than I have had for ten years. I have taken medicine from five different doctors and I can't tell the different patent medicines for Constipation and Indigestion, but none of them gave me relief for more than a few days. I felt the effects of Bodi-Tone in three days, and the benefit stayed with me. My life had become a burden to me but it has been a pleasure since I took the first box of Bodi-Tone. I cannot praise it enough and wish all who are suffering as I was would take one box, for they would then know the happiness it has been to me. My return to health has really made a new woman of me and given me comfort in my old age. MRS. M. J. WHITE.

ASBURY, N. J.—I was taken with Liver, Kidney and Bladder trouble in the fall of 1902 and the Kidney trouble caused Dropsy. I tried everything far and near, but



nothing gave me more than temporary relief. I also took x-ray treatments for six months and was very much disappointed, as it was supposed to do wonders. Some months ago I learned of Bodi-Tone and sent for a box on 25 days' trial. Since I took the first box I have felt better than from anything I have tried in these seven years. I have now used three boxes of Bodi-Tone and it is making me an entirely different man. I am six feet one and now weigh 220 pounds. I am sixty-five years of age and have been in the insurance business for 22 years, which has made me acquainted with many people. I intend to recommend Bodi-Tone to all as a genuine remedy, made from medicines which really benefit. HENRY C. MOYLE.

GRAND LEDGE, MICH.—I have been afflicted over six years with Muscular Rheumatism in my arms. It finally settled in my back and the doctor called it Lumbago. Then a year ago my left



knee swelled up so I could not get around and I suffered intense pains at times all winter. I could scarcely walk. I took patent medicines with no results. Then I saw the Bodi-Tone advertisement and sent for a box on trial. From that time on, my improvement has been remarkable indeed. I can walk better than in years, although I have used only two boxes. My husband is taking it for General Debility and Stomach Disorders, with equally as good results. We are 68 and 69 years old, and both of us feel so good since taking Bodi-Tone that we feel we cannot say enough in its behalf. MRS. TAYLOR HANCE.

COUPON

Clipped from UP-TO-DATE FARMING.

Bodi-Tone Company,
Hoyne & North Aves., Chicago, Ill.

I have read your offer of a dollar box of Bodi-Tone on 25 days' trial, and ask you to send me a box by return mail, postpaid. I will give it a fair trial and will send you $1.00 promptly when I am sure it has benefited me. If it does not help me I will not pay one penny and will owe you nothing. Neither I nor any member of my family have ever before used Bodi-Tone.

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UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
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EDITORIAL

Sees the Evil but Lacks the Remedy

PROF. L. H. Bailey, of Cornell College of Agriculture, on the occasion of the national corn show at Columbus, Ohio, in an able address, vividly portrayed many of the drawbacks of rural life and the lack of business methods and practices of our rural population. It is his opinion that one of the particular faults of the rural community is its lack of adhesion—farmers can not be induced to agree on certain definite plans and purposes and work together for their accomplishment. Cohesion, sticking together and working together to an end, is necessary to co-operation, and co-operation among farmers is the only means of accomplishing definite purposes, no matter what those purposes may be, provided they pertain to and affect the entire community.

There are great regions, says Prof. Bailey, in which the American farmer is greatly lacking in prosperity; but, speaking broadly, the American has already won his enocomic independence. It is undoubtedly possible (we are using Prof. Bailey's words) by means of co-operation greatly to increase the commercial effectiveness of even the best farming communities. A few farmers here and there may produce a special or superior article, and may be quite independent of general marketing systems, but the larger number of farmers can never be so situated, and they must grow staples. These farmers, and they are the bulk of the tillers of the soil, are at the mercy of many intermediaries. Speaking broadly, continues Prof. Bailey, **the farmer does not receive his share of the proceeds of his labor,** notwithstanding the much talked of increase in the price of farm products. Something like 65 cents out o fa dollar is taken by various persons between the producer and the consumer.

In this condition alone there is enough to arouse every farmer and every user of farm products to immediate and emphatic action, and to awaken the sympathies and sense of right and justice of every benevolent and broadminded citizen. It is humiliating, says Prof. Bailey, that our economic organizations can not correct the great losses, the duplication or work, and the waste of human effort in the mere placing of products in the hands of the consumer.

From here on Prof. Bailey seems to be floundering in unknown waters. He very properly wishes to do justice to everybody, and he can see no remedy for these evils except in action by the government. It is the business of government, he says, to protect their people. Heretofore they have protected them from invasion and war, but governments are now beginning to protect their people from the people themselves and from the combinations that grow up within the population. We are beginning, he continues, to protect ourselves from the overloading of railroads, from unfair combinations in trade, and from **THE TYRANNY OF ORGANIZED POLITICIANS;** and it is just as much the business of government to protect its people from abuses in handling the products of labor, especially when those products constitute the necessaries of life. If it is proper for government to supervise weights and measures, it is also proper, in the opinion of Prof. Bailey, for it to supervise or regulate other phases of trading in whatever is sold by weight or measure.

All that may be true, and it no doubt is, but if Prof. Bailey and other good and progressive men like him, will consider what a failure the attempts of the government has been to regulate any of these things so as to protect the masses of the people, they will realize the hopelessness of looking for relief to any agencies of the government. The reason is not hard to find. The carrying out of these measures must be entrusted to government appointees, who feel that they are indebted to a political party for their positions. In thus considering the party they regard the leaders and not the voters. Those leaders consider their indebtedness to the influences and interests that contributed to their success. Hence it is clear that the voters, the average citizens, constitute a problem that does not enter into the proposition. Therefore, if we look to these powers to correct the difficulties so well portrayed by Prof. Bailey, we may be sure relief will come slowly and doubtfully. It simply means a long delay and many more disapointments.

To get a correct understanding of the situation, consider the foundation of the evils—that in which the evils had their origin, and that makes them possible. The farmers as individuals without any reference to any others of their class, have contracted the habit of rushing their stuff to market practically as fast as it is harvested. This stuff is hurried to a very few central markets in such quantities as to be a burden, and destroys the demand by over supplying it. The inevitable result is a glutted market, and a fall of prices to revive the oversupplied demand. This is precisely the condition sought by the speculative buyers. When the prices are forced to their lowest point in the congested market centers, the speculative buyers by a concerted movement take the stock on hand and hold it in elevators or storage houses. Thenceforth consumers are at their mercy. The country supply gathered in. There can be no more glutted markets, and the demand is bound to recuperate or renew itself. This demand, as also the demand in other places to which reshipments must be made, is suupplied at prices dictated by greed with no reference to cost of production or the prices originally paid to the producers.

These are the exact conditions that make possible the abuses in price so justly complained of by Prof. Bailey and other thoughtful people like himself. Let Up-to-Date Farming suggest a remedy.

At the time these uncontrolled shipments were hurrying to the market centers, where the demand had already been supplied and the stuff was not needed at all, there were thousands of interior points where there was an active demand unsupplied, that really needed the products and would gladly have paid an equitable price for them. The remedy: Stop the rush of shipments at harvest time, and do not ship at all to any market centers except merely to supply the demand there. Instead, ship to the interior places of demand, and make the farm the center of distribution rather than the glutted or greed controlled city markets. Thus may the actual demand get supplied from the fields of production, at farm prices, and farmers themselves may have better prices than they dare hope for under the present greed controlled system.

And to do this is but a simple proposition, requiring much less machinery than many private enterprises now employ. All that is needed is a central bureau of information, which must have a means of obtaining knowledge of both supply and demand, where each is located and the best and cheapest route from one to the other. This information is as easily obtained as that gathered by the government concerning crops and other matters of far less importance. This information makes it easy to direct shipments to most accessible points of demand even from the most remote corners of production; and this system once established the speculator's career is ended, and with it all the market evils of which the people, both producers and consumers, so justly complain. The speculator quits not by force of law or legal control, but because his occupation is gone.

It only remains for the farmers to adopt and live up to the New System. They must not only patronize it but they must help to make it universal. It would better be independent of government for then it will be free from the curse of politics, the bestowing of party favors and the payment of party debts. Correctly established, it is inexpensive, simple and sure. The fact is, such a system is already established through the workings of this paper, and is in successful operation in many localities. It may be just as easily established all over the country, and render the very protection Prof. Bailey is inclined to look to the government for and give it at once.

Stewartsville, Ind., February 24, 1911.

DEAR EDITOR:

The February 15th number of Up-to-Date Farming was worth more to us farmers than five years' subscription to the one-sided-view-weekly papers that are supporting the Canadian reciprocity movement. I copied from your paper and sent them to one of our local papers and it refused to print it. That shows they are not for the farmers. You may print this letter if you want to. I send you a large list of names of families who attended our local corn show. Send each of them a copy of Up-to-Date. I hope they will all subscribe, as it will be money in their pockets to do so.—D. T. L.

Schooling the Farmers in Business

THE following article was written by Mr. C. Hayes Taylor, who many of our old readers will remember. Mr. Taylor was connected with Up-to-Date Farming and the original Equity Society in 1905 and 1906. It can be said to his credit that he always remained true to the genuine plans that proved so successful in those early days and is as loyal to them now as ever. Now that the true principles of Equity are being accepted by the farmers again, after three years of wandering, and they are returning to the sound plans of organization and co-operation as taught by this paper, after three years of experimenting with rejected scrap-pile material, Mr. Taylor expects to do his part in promoting an organization of the farmers for their protection ad benefit. He says:

"We are going, someday, to have an organization of farmers in the country which will inaugurate a business system of marketing to take the place of the present method. Several organizations are now in existence having avowed that purpose. They are not, as yet, sufficiently strong, numerically, to accomplish much in the way of directing the marketing. They may not become strong enough for that gigantic undertaking for some years to come, although there is no power that could prevent the farmers from doing so this year, if they could be induced to follow, co-operatively, a very simple procedure. It is the opinion of the writer that it will require a very comprehensive and thorough system of education to prepare the farmers for such co-operative work. Many of the teachers and organizers who have been working for mnay years past to combine the farmers in some form of a national organization have been both eloquent and able in describing the conditions confronting the farmers. But this eloquence and ability was wasted. No one knows any better than the farmer himself what his difficulties are; but neither the farmer, nor, as a rule, the organizer, had any clear conception of a *plan* that could be caried to success that would remove these difficulties. They had an idea, which is correct, that by organizing they could exert a power that would overcome any difficulty that human agency should control; for that reason farmers very readily join the union. Thus we found that to organize is easy—mere child's play compared with using the organization as a means of getting satisfactory results. To create an organization is a very simple matter; to employ that organization in working out problems and securing results is a far different proposition.

"We are hearitly in sympathy with organization. We expect to do our part in promoting any organization of the farmers for their protection and security. We want to see a farmers union in every community. We want to see this movement grow until it holds in membership a large majority of the producing farmers of the whole United States. Then we want to see county, state and national federation of these unions for the purpose of doing whatever can be done to promote the general welfare.

"This work, to be successful, must be done by practical men of affairs, and its success also depends upon the intelligent co-operation of the great body of farmers throughout the country. Without this able leadership and intelligent action, there is no possibility for any great measure of success.

Education, then, is the one prime necessity. The men who now hold the plow handles must be taught that the farmers must understand something of the business of distribution and of the consumption of farm products. Present day farmers and those who are to take the places of the retiring farmers must be taught that these things are matters just as essential to their future well-being as is the knowledge of production."

A Busy Time

THE farmers all over this country are now in what they very aptly call a "busy time." In some places they are further advanced with their work than in others, but all are busy with the crops to be reaped in 1911. The world is looking on with undisguised interest. What the farmers are doing now is of more importance to the whole country than is the working of shops and factories, the building of railroads, or the opening of mines; and in all walks of life the importance of this work is understood. There is at this season a kindly feeling towards the farmers everywhere. Some earnestly wish them success because they are a part of the human family upon whose labor the welfare of all depends; others regard them much as they do the patient mule that struggles along a rocky road with a burden necessary to its owner, the beast itself to be disregarded after the load is delivered. Others, only a few, thank God, look upon the work of the farmer with an eye of greed, and spend their time figuring out what profits they may squeeze from the sweat and toil in the fields.

In all this throng there are also those who burn the midnight oil in quest of ways and means to make the farmers' labor more productive, to help build up greater supplies for the markets, and thus not only add to the newly created wealth of the nation, and (let us believe them sincere) increase the farmers' well earned reward. As we have said, we want to believe these good people sincere in their efforts, that they are earnestly working for what they believe to be the good of agriculture; but there is a defect in their research and their teaching. They estimate agricultural success in bushels, pounds and numbers. They regard quantity rather than value. They study supply more than demand. They see agricultural riches in bulk of products rather than in the money it will bring. They study and teach production, and entirely neglect marketing and price. They forget that in a commercial world like ours success is measured in money and not in commodities. The farmer that produces fifteen hundred bushels of wheat that sells for a thousand dollars is no richer than the farmer that produces a thousand bushels of wheat that sells for a thousand dollars. This is true, as every one will admit, but we do not mean it to go to the absurdity of reducing quantity and multiplying price until the farmer becomes insignificant and the price absurd. What we teach is that there is an equitable line between production and consumption that insures a price equitable to producer and consumer, that when production runs over this line price falls below it, and when production falls below price rises above it. In either case price is inequitable, and one class or the other suffers. Hence, those who study production should study demand and price also, and those who teach production should teach marketing also.

And now, even in this busy time, farmers should study these questions. As the seed goes into the fertile and well prepared soil, and as the tiny shoots come above ground, promise of a future harvest, it is well to think of "what shall the harvest be?" You are endeavoring to grow a surplus not for the extra pounds or bushels or tons you may have, but as a reward for your labor, and to exchange for things you need but do not produce. You know there is something wrong somewhere with the way your stuff is sold. You know there is not certainty of price. You know that markets become glutted in some places while the people are hungry for the stuff in other places. You know that when you sell you must ask the price and accept what the buyer offers, but when you buy you are told the price and must pay what the seller charges. Can you tell why this difference in commercial transactions? You must be just as much the owner of what you produce as the manufacturer is of what he makes, or as the merchant is of what he buys to sell again. Why this strange difference in business?

Can't see any help for it? There is a right for every wrong, a help for every evil, a cure for every injustice. Can't the farmers find the remedy and apply it? They do much more wonderful things. This busy time reminds us of them. See the brown and uninviting field. By and by specks of green will appear here and there; then the growing stalk or the waving blade; soon the ripened harvest. A miracle has been performed. Something has been made out of nothing. Nature helped, but the farmer's skillful labor solved the problem. It is a pity if he can not carry the solution just a little bit farther and include the problem of marketing and price. Up-to-Date will help if you will help Up-to-Date. We want farmers to read even in this busy spring time, along lines they never read before, and learn the money side of their great calling—learn to count their success in dollars the same as other people do.

A Governor on the Canadian Treaty

BEFORE this paper goes to press the so-called Canadian Reciprocity treaty may have been ratified by the American congress. Still we wish to vindicate our own position on that subject by quoting from a former governor of Michigan, Hon. Fred M. Warner:

"I was in a barbershop out in Oakland county this morning, and overheard six farmers discussing 'it'," said Mr. Warner. "Not one of them was for it—every one strong against it. 'I'm going to write Sam Smith,' said one. I found it that way in every town I visited.

"To all farmers of our country, and especially the border states like Michigan, no tariff law has ever been proposed that strikes at their interests like these Canadian reciprocity changes. It is class legislation of the strongest type, all against the very interest 'farming,' that efforts have been made on every hand to develop and advance.

"The free list is made up almost entirely of the products of the farm. The tariff on the farmers' grain, hay, potatoes, poultry, eggs, dairy products and in fact practically everything he raises is not reduced as it is on a few of the products of the factories, but absolute free trade established on all and nothing is given them in return. The farmer will have to sell what he raises on a free trade market and a tariff would be retained on all his purchases.

"It is so unfair and un-American that the fair-minded manufacturer or his employes, who are still protected by tariff duties, will see the injustice of it, and should oppose its adoption—as should every one who is in any way interested in the development and extension of our farms. The so-called high price of living was regulating itself, as was proven by the prices quoted in the daily papers on farm products the day before the proposed changes were known. Lower prices prevailed then, on potatoes, grain, butter, eggs, etc., than the average January prices for several years back.

"It should be remembered that the grain and livestock are the finished produce of the farmer, just as the machine is the finished product of the manufacturer, and the farmers have as much right to protection as the man who makes machinery or other goods.

"If it is fair to put the steer, the finished product of the farmer, on the free list, why isn't it fair to put the canned beef, the finished product of the packer on the free list? But the tariff is to be taken off the steer and left on the canned goods—reduced a trifle, but not enough to hurt any.

"If we were to go to absolute free trade on everything, you would find the farmers ready to take theirs with the rest, but what they don't like is to have their's free and others protected."

How many men in office to which they were elected by the people, can so ignore the rights and interests of the people, to whom they are ultimately responsible, by favoring such a measure, is one of the mysteries of human conduct.

Low Prices of Farm Products Make Hard Times

THE February Crop Reporter, issued by the department of agriculture at Washington, contains some very interesting figures. For instance, the average price of horses in the United States during the ten years between 1870 and 1879 was $62.07; for the ten years between 1880 and 1889 it was $67.78; for the ten years between 1890 and 1899 it was $42.24. That covers the well remembered hard times that came with the repeal of the silver purchase clause in the Sherman law in 1893, and the average price of horses dropped from $67 to $48. From 1900 to 1909 the average price of horses was $71.99. The average price January 1, 1909 was $95.64; January 1, 1910, it was $108.19, and January 1, 1911, it was $111.67. This shows a steady rise in the price of horses in this country since 1870, except the disastrous fall during the panic years beginning with and immediately following 1893.

The price of other live stock takes much the same course, except that milch cows were a little higher from 1870 to 1879 than they were from 1880 to 1889. Passing the panic decade of 1890 to 1899, the price of milch cows has been on a constant ascending scale, the average price January 1, 1911, being $40.49. Another exception is in "other cattle," which means all cattle but milch cows. The price of these was lower January 1, 1909, than at any time during this entire period except during the panic decade. After that, however, a slight rise is indicated, the price January 1, 1910, being $19.41, and January 1, 1911, $20.85. Still another exception is found in sheep. These animals were higher between 1870 and 1879 than they were between 1880 and 1889, and they were higher during the panic decade of 1890 to 1899 than they were during the preceding ten years; and they were also lower January 1, 1911, than they were January 1, 1910. Hogs mark an ascending scale from 1870 to 1879, when the average price was $4.76, to January 1, 1911, when the price was $9.35, except that during the panic decade there was a drop from $5.18 to $4.81. Mules have a like record. Beginning 1870 to 1879 with an average value of $75.65, they glide steadily upward to $125.62 January 1, 1911, except that during the panic decade there was a drop from $76.63 to $58.79.

But when it comes to farm crops it is different. Going back to January 1, 1909, a descending scale prevails. The price of corn January 1, 1909, was 60.7 cents per bushel; January 1, 1910, it was 62.3 cents, but January 1, 1911, it was only 58.2 cents. Wheat January 1, 1909, was worth 93.5 cents a bushel; January 1, 1910, it was worth $1.034, but January 1, 1911, it had dropped to 88.6 cents. Oats was worth 48.1 cents per bushel January 1, 1909, 42.8 cents January 1, 1910, and 33.1 cents January 1, 1911. Other crops except barley and flax seed make a similar showing. Nearly all of them command a lower price January 1, 1911, than on January 1, 1910, many of them lower than on January 1, 1909.

Our plea is, as we have so often stated, not for high prices, but for steady prices, and prices that will repay the cost and equitably reward the labor of production. Hence our effort now is directed to stop this fall of prices. There can be but two causes for it. One is the forcing down of prices by the speculative buyers in the congested market centers, and the other is the possible production of too much stuff. There is no diminution of demand except where extortionate retail prices may have prevented consumption. These are the things we would remedy by more direct shipments; by knowing where the stuff is needed and sending it there, and selling it to the users at reasonable farm prices, with mere cost of handling and transportation charges added. With this method of marketing there could never be glutted markets, and it would be next to impossible to have an overproduction of any crop. And the opportunity for extortion in prices would be gone. We have to confess, though, that the success of this depends upon the farmers themselves. They are the first owners of the stuff.

Some Up and Some Down

THE greatest drawback to American farming is the irregularity of price. Some years some unknown influence, or an abnormal shortage, advances the price of a certain crop above what it usually brings, and the prices of other crops may be depressed. This is very likely to stimulate the production of that crop, and farmers that had not produced it before eagerly take it up, abandoning the crops that carried lower prices.

The almost certain result is that when that crop goes onto the market its price falls even below the normal, and the price of the abandoned crop advances. Disappointment, dissatisfaction, and another change of crops follow.

Our readers have known many just such cases as this, and it is impossible for farming to reach its best under such conditions. We admit that these changes may not be wise, but they are made, and they produce the results mentioned.

There is a remedy. If prices could be made steady and equitable there would be no cause for change. Demand is measurably steady for all crops. If the demand increases, as al[illegible] all demands do in countries of growing population, the increase is gradual, and the supply naturally and automatically adjusts itself to it. This ought to mean steady prices, and it would if supply and demand were allowed to regulate the price. But speculative corners, boosting or glutting of markets, the forcing of prices by buyers and storers, nullify the law of supply and demand, and make prices too high at some periods and too low at others. These abnormal prices, with monthly, weekly or daily fluctuations, set the farmers to guessing, create a restlessness, and induces the jumping from crop to crop that is almost always attended by unfavorable results, and has so often been declared unwise.

It may be said that this change of crops pertains more to the minor crops than to the staple products, whereas the speculative control of prices applies more to the staples. That may be so, but the unreasonable fluctuations in price of greater crops affect the smaller and give birth to the restlessness that keeps farmers watching and hoping for something better. To make farming steady and progressive there must be a steady price equitably based on supply and demand so that reasonably sure calculations may be made by the farmers.



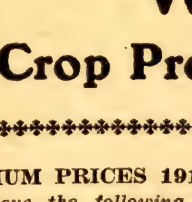
THE INTERNATIONAL SEE-SAW
The Western British-American (Chicago)

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$7.50@8.50
HOGS—At Chicago, per cwt...$7.00@7.50
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

Western Receipts of Grain

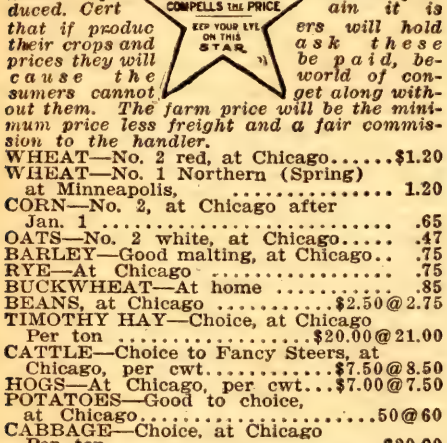
Comparisons	March 6	2 Wks. before	A Year before
WHEAT, bu. ..	524,000	559,000	1,356,000
CORN, bu.	892,000	759,000	959,000
OATS, bu.	533,000	530,000	636,000

Advice

Hold wheat, corn, oats, beans, broom corn. Market gradually hay, barley, buckwheat, cattle, hogs, cabbage and potatoes.

It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the next term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.

CANADIAN reciprocity has gone over to the next term of congress. In the meantime the agricultural interests of the United States will suffer more because of the uncertainty than if a new condition was produced and the farmers were compelled to face it. The way things are done by congress is much like a surgeon, who, having concluded to amputate a limb, hacks bits off until the offending part of the member is removed.



COME IN

—Minor, in the St. Louis *Post-Dispatch*.

Farm commodity prices continue to sag. Grains all touched new low levels since our last report. Large marketing because of the Canadian treaty scare was largely responsible. But a saner view seems to prevail at present and marketing by producers is smaller. Each of the three chief cereals are being marketed less than a year ago. A feature in corn worthy of note is the demand for corn amongst farmers themselves. This indicates heavy feeding operations and may mean still lower prices for fat stock. Mr. Cudahy, the packer, is reporting as having said: "Lard is liable to sell at 8 cents. The hog run in April, May and June will be large and I am looking for hogs to sell down to 6c." We hope he is mistaken, but, as we have said before, "cheap corn is almost sure to force cheap hogs," and the remedy: "regulate the marketing of corn and put the price up." Corn and hogs will come together in price as surely as water will seek its level

Wheat conditions generally very good over the country. We believe the greatest danger is from Hessian fly, as many sections were infected last fall. But this all depends on the spring weather.

The visible supply of wheat is now larger than two years ago, and is the largest for March since 1902, when it was 54,000,000 bushels. The visible supply of corn is the largest for March in twelve years. The next largest was March, 1901, 19,764,000 bushels. Potato markets suffered a glut in February, with the invariable accompanyment of low prices. As we write, the receipts are lighter and accumulations are being cleared out. The result is better prices, which of itself, and because of lack of direction in shipping, is likely to result in another glut. Pretty good advice is to start your potatoes to market while the glut is on with the hope that they will get in on the high wave.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports on February 25, 1911, with comparisons are shown in the following table: (The sign —before figures means decrease, X means increase.)

	Feb. 25, 1911	Change from 2 wks. before	Change from a year before	Change from 2 yrs. before	Same period last year
	Bushels	Bushels	Bushels	Bushels	Bushels
WHEAT,	50,188,000	—2,535,000	X 17,554,000	X 3,579,000	—1,193,000
CORN	21,622,000	X 2,532,000	— 2,187,000	X 9,462,000	X 5,219,000
OATS	22,426,000	—1,627,000	X 8,480,000	X 8,010,000	X 208,000
BARLEY	2,001,000	— 218,000	— 2,517,000	—3,319,000	X 206,000

The visible supplies of grain in Canada on February 25, with comparisons, were as follows:

WHEAT, 21,548,000 bushels; two weeks before, 21,047,000 bushels. OATS, 6,999,000 bushels; two weeks before, 5,441,000 bushels. BARLEY, 399,000 bushels; two weeks before, 402,000 bushels.

COTTON—The aggregate world's supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

	1911	1911	1910
Week ending	Feb. 24	Feb. 17	Feb. 25
American ...	3,795,301	3,899,485	3,286,000
Other kinds .	1,118,000	1,138,000	1,322,000
Total	4,913,301	5,037,485	4,608,000

The total visible supply decreased 255,073 bushels in two weeks.

Price of cotton, New York, March 6.—Middling uplands, 14.20c; middling gulf, 14.45c. The price is 10c per cwt. higher than two weeks before.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on February 20, two weeks before and a year before, as follows:

Cash grain closed on the following markets on March 6, two weeks before and a year before, as follows:

WHEAT, No. 2, RED	March 6	2 Wks. before	A Yr. before
Chicago	92	91¼	1.20
St. Louis	96½	93½	1.24½
Kansas City	94	93	1.20
Cincinnati	95	92	1.22
New York	95¼		1.28
CORN, No. 2, WHITE			
Chicago	47	47½	60½
St. Louis	46	44½	64
Kansas City	43½	44	61½
Cincinnati	48	48½	61½
New York	52½		67
OATS, No. 2, WHITE			
Chicago	31¾	32	47
St. Louis	32½	32½	48½
Kansas City	32½	31	48
Cincinnati	33½	33	48
New York			53

Future Grain Prices

Chicago grain future closed March 6 and two weeks before as follows:

WHEAT—May, 91@91⅛c; July, 89¼c; September, 88⅝c. Two weeks before, 90¾c, 88¼c and 87½c, respectively.

CORN—May, 48⅞c; July, 49⅞c; September, 50¾c. Two weeks before, 48¾c, 49⅞c and 50¾c, respectively.

OATS—May, 30⅝c; July, 30⅝c; September, 30⅜c. Two weeks before, 31⅜c, 31⅜c and 31⅜c, respectively.

Chicago Produce Market

For advice about other markets write to the Equity System, Indianapolis, Ind.

POTATOES—Arrivals by cars, with comparisons, follow:

	This week.	Last Week.	Lastyear.
Monday	77	103	110
Tuesday	52	56	54
Total, 2 days	130	159	164

The market continues slow and easy. Offerings are liberal and in excess of the present requirements. Receipts fairly large. In value there was no material change from what has lately been quoted.

Sales reported were: Wisconsin—1 car at 38c. Michigans—2 cars at 38c, 5 cars at 40c.

The market was quotable as follows:

Per bu. Michigan, round, white	
common to fair	$ 35@ 38
Good to choice	40@ 41
Fancy, possibly	42@....
Wisconsin, common to fair	35@ 38
Good to choice	40@ 41
Fancy to extra fancy, including Dusty Rurals, possibly	42@....

On some of the off roads there is a discount of fully 2c from the above quotations.

NEW POTATOES—Steady and fair sale. Offerings are ample.

Barrels, Bermuda, good size	$7 25@7 50
Hampers, Alabama, small red	1 50@....
Boxes, 1 bu., Cuban red	2 50@....

The price on old potatoes is about 5c per bushel lower than two weeks before. New Potatoes, Bermudas, about the same.

HAY—Choice Timothy Hay in light supply and firm. Demand good. Low and medium grades in fair request and steady. Choice Kansas Prairie Hay in good demand and firm. Offerings light. Other grades in light demand and quiet.

Choice Timothy Hay	$18 00@19 00
No. 1 Timothy	16 50@17 50
No. 2 Timothy	14 00@15 00
No. 3 Timothy	11 00@12 00
Kansas and Oklahoma Prairie, choice	15 00@15 50

The price of timothy hay is 50c to $1.00 higher than two weeks ago; Prairie hay $1.50 higher.

BROOM CORN—Best grades rule steady; common easy. The market is quiet.

Illinois Corn, per ton	$80 00@100 00
Some poor, damaged, less.	
Oklahoma, per ton	70 00@ 90 00
Poor badly damaged and stemmy no regular value.	

The price is the same as two weeks before.

BEANS—Are ruling steady. Nothing special going on. Trading is mainly a store business to local buyers and filling orders. The open market is practically inactive. No consignment offerings are noticed.

The market was quotable as follows:

Pea Beans—	
Hand picked, choice	$1 98@2 05
Good but not strictly hand picked	1 90@1 95
Mediums nominally about same as Pea Beans.	
Red Kidneys, depending on quality	3 00@3 25
Brown Swedish	2 50@2 75
Limas, California, per 100 lbs	6 75@7 00

The price is 5c to 7c lower on Pea Beans and Mediums, Red Kidneys, 25c higher. Brown Swedish the same, and Limas about 50c per 100 pounds higher than two weeks before.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	Cases This Week	Cases Last Week	Cases Last Year
Monday	12,984	8,329	6,403
Tuesday	10,691	10,852	5,746
Total	23,675	19,181	12,149

There is a good trade in Eggs. The receipts continued liberal and permit of large trading. Consumption is large and there is good local buying, and also some large speculative and shipping business. The receipts are large enough for all demands and receivers generally anxious to sell and keep sold out as closely as possible from day to day, at the same time are not forcing sales at the expense of any reduction in quotations.

A good many of the Eggs received are showing more loss than a week or two ago on account of being dirty.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned, 13@14c, depending on quality.

Ordinary Firsts, quotable at 14½c.

"Firsts," quotably 16½c per dozen.

"Prime Firsts," quoted at 17½c.

Checks or Seconds quotably 10@11c.

Dirties quotably 11@12c per dozen, according to quality.

The price is about 1c per dozen higher than two weeks ago.

Turn to page 24. Fill out the coupon and fire your shot for protection for United States farmers and a scientific System of Marketing.



OVERLOOKING A N OPPORTUNITY

If these two neighbors would lower their glasses they might find the markets they are looking for nearer at home.—Bartholomew in Minneapolis *Journal*.

Market No More Crops the Old Way The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each subscriber of Up-to-Date Farming, or member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work on them. In a few days after you mail the blank, below, you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is now free for a short time to SUBSCRIBERS whose time is paid in advance as well as to MEMBERS.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R..... Shipping Station..... State.....

Are you a member of F. S. E.....

Are you a paid in advance subscriber to Up-to-Date Farming.....

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$1,000 Value
465 Cost

$535. Saved

The New "Indian"



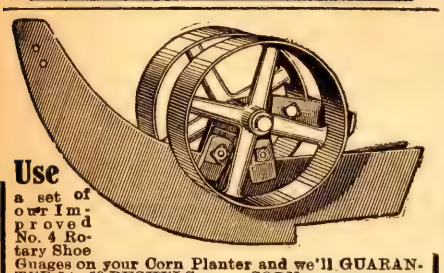
This car and price will appeal to the wise buyer as an investment. *Beauty, Strength* and *Simplicity* are combined in its makeup. Easy to buy, easy to operate. Just what is needed for farm work. Saves time and labor. Five years of successful manufacturing have been spent developing this model, enabling us to give you a perfect farm wagon, guaranteed to do all the work of a car costing $1,000, therefore a net saving to you of $535. *We have no agents,* thus eliminating the middleman's profit. Can be furnished with extra seat for four passengers.

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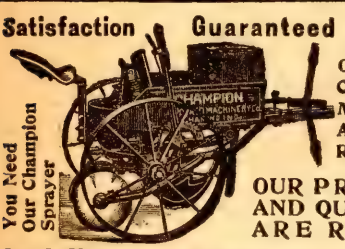
Gauges on your Corn Planter and we'll GUARANTEE 5 to 10 BUSHELS more CORN an acre—every hill planted at a uniform depth—your corn comes up ALL at the same time, or you get your money back.

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UP-TO-DATE FARMING

Production and Marketing

INSECT ENEMIES OF CORN

IN the thirty-first annual report of the Illinois State Board of Agriculture, Prof. Forbes says there are no less than six species of plant lice that work injuriously on corn roots in that state. Of these the corn root aphis is by far the most important. It sucks the sap from the roots, impoverishing the plants, and doing the most injury when the plants are small. Unreasonable as it may seem, these root lice are cared for by ants, and to combat the lice the first thing to do is to destroy the ants, which can best be done by fall plowing, which breaks up their nests. Rotation of crops, not following corn with corn, has a good effect.

The corn root worm is another serious pest in some places. It is more of a southern than a northern insect, its ravages being most marked from Indiana and Illinois southward. There is, however, a northern species, which is more at home in the north. These worms are small grubs, white in color, and about two-fifths of an inch in length. The grubs tunnel in the roots of the corn, and weaken the growth of the plant if they do not entirely destroy it. Rotation is the remedy most depended upon.

The wire worm is also an enemy of the corn plant. Low, especially mucky ground is apt to be infested with them. They are slender, yellow little creatures, cylindrical in form, and vary in length from half an inch to more than an inch. They have hard, polished skins amounting almost to shells. They have six short legs just behind the flattened head, and a sucker-like false foot on the last segment. These worms usually feed on the roots of corn and other grains, and on the roots of grasses, and they have been known to eat their way into potatoes. The adults of these worms are the common snapping or clicking beetles. Grass lands or sod seem to be the home of these beetles and worms, and farmers are often surprised to find them worse the second year than the first. This is easily explained by the fact that two years are required for their maturity. That naturally makes them more active if not more numerous the second year than the first.

These worms may attack the seed after planting and thus prevent a stand, or they may attack the roots and prevent the proper growth and development of the plant. These insects are difficult to combat. Fall plowing, no doubt, destroys many of their winter cells or nests, but the length of time required for their maturity, prevents this from being very effective. Prof. Forbes depends mainly upon rotation. He would follow grass with clover and the clover with corn. Break the sod in the fall and sow oats and clover the following spring. Allow the clover to hold the ground two years, and then turn under for corn. Wheat or rye may be sown in the fall, and the clover in February or a little later.

Next we mention the corn bill bug, which, in fact, is not a bug at all, but a small beetle that habitually works in timothy, though its effect on the grass is not very noticeable. But when corn follows infested timothy, or when it is planted next to a field so infested, its ravages are plainly discernable. The beetles are less than a quarter of an inch long, are black in color, and belong to the group of snout beetles. In young corn they tunnel directly into the plants just above the crown, causing the plants to wilt and die. This insect produces but one generation a year, and the injury is done by the adult beetle. Though its work is most noticed in corn, it is most injurious in timothy meadows. It works in the bulbs of timothy, and very much weakens the growth, but light timothy yields are attributed to so many causes that the work of this insect in the bulbs is seldom noticed. The lesson is not to plant corn after timothy unless the field is known not to be infested. However, a field of corn that has been seriously damaged by this pest, may not be at all affected the next year, as it has but one brood, and needs the timothy in which to mature itself.

Cutworms are so well known that we scarcely need to devote space to them. When these become too great a pest to be borne, poisons have been used to exterminate them; but we regard poisons as too dangerous to be lightly used for any purpose.

The well known worm that works in the corn ear, and is known as the corn ear worm, is the noted boll worm of the southern cotton plantations, and we may well pass it in this discussion, as we are treating insects that affect the growing corn. We may remark, however, that the ear worm is more injurious to late than early corn.

A PERFECT STAND OF CORN

SOMEBODY said "every surplus plant is a weed," while every person knows that every space of unoccupied soil, where a plant should stand, is a waste.

How to secure a perfect stand is about as important a question as confronts the farmer. He knows that if he plants too much seed it means extra work to thin out, or a crowded condition that injures the crop. On the other hand a full crop can not be raised if the stand is short or irregular.

When corn was dropped by hand it was possible to put one, two, or three grains at a place regardless of whether the grains were large or small, long or short, stubby or slim. The writer remembers how careful his father was to have just three grains in a hill and how the droppers feared demerit points if the person who followed called their attention to hills with less or more than three grains.

But machines have taken the place of hand dropping and the machines drop a certain bulk rather than a certain number, if the grains vary in size. Therefore, the only way to get uniformity in number of grains to a hill is to have the seed corn graded to uniform size before putting in the planter. We mean that grains of practically the same size and shape shall be selected so that an equal number will always drop into the space that measures the quantity.

This can not be done with any ordinary sieves in a fanning mill, but requires specially constructed sieves. To meet this need the Monarch Self-Feeder Company, Department 130, Cedar Falls, Iowa, is putting out what is called the **Monarch More Corn Sorter,** and which has been advertised in this paper. This is not a paid notice, but always being desirous of benefiting our readers we deem it our duty to thus call their particular attention to the machine so they may all make up their minds whether they should get one or not. The cost is not much, but we suggest that several neighbors join together to purchase it, or let one farmer buy it and rent it to his neighbors at a small rental, or grade their seed. One machine has capacity for a whole neighborhood. The company also makes a tester for vitality. We suggest that each reader send for full and complete information.

We can't publish all the good things in Up-to-Date Farming, so we say the next best paper for farmers is the Farm Journal, 133 Clifton St., Philadelphia, Pa. A special subscription offer is now made. You can get Farm Journal monthly for four full years and a copy of "Half a Ton of Butter, "Horse Secrets," or "Poultry Secrets," for only one dollar. If you don't know Farm Journal you ought to. Send for sample copy.

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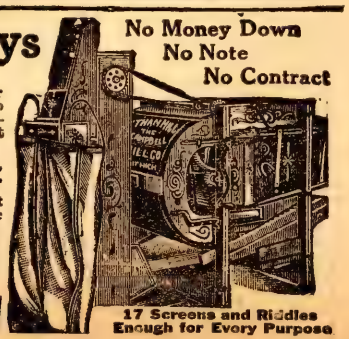
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Cleans and grades all kinds of seeds, grasses and grains. Don't grow weeds or thin stands. Land and taxes are too high. Double the crops, get better crops and have high-priced seed to sell. Send postal now for my factory price, liberal terms, and get **FREE BOOK No. 169.** Tells how thousands are making big, extra profits with a Chatham. Send your name by next mail.

Address Manson Campbell, Pres.,

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17 Screens and Riddles Enough for Every Purpose

Don't Buy Nitrates
Fertilize With
FARMOGERM
High-Bred Nitrogen-Gathering Bacteria

Why buy expensive nitrate fertilizers when you can save most of the money and all of the time and work of spreading, and get much better results? Put the bacteria in your soil that will draw nitrogen from the air and convert it into all the nitrates the crop can use and store still more in the soil for future crops of any kind. Farmogerm contains the right bacteria in the right condition. That's why it will produce a bumper crop of any legume.



Price, $2.00 an Acre.
Garden Size, 50c.
Ready for use. Just mix with water, moisten seed or spray. Bacteria guaranteed to be right. Put up for use with Alfalfa, Peas, Beans, all garden and field varieties, all the Clovers, Vetch, Sweet Peas and all legumes.

Gives better results than nitrate of soda at fraction of cost and labor.

LET US PROVE IT.

Write for FREE BOOK A-J which gives full particulars. When you order a bottle, mention crop you wish to try it on. Get our letters from users and our reports from high authorities. All in this book.

Earp-Thomas Farmogerm Co. Bloomfield, N J

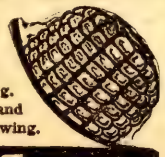
NEW SEED OATS
Big Money in Oats



New Seed Oats. Big money in oats if you raise the right kind. Here's your chance to get them. Imported Canadian Seed Oats for sale; extra fine. Send for free sample. It speaks for itself. This same oats we sold last year in the United States and proved their merit and our statement that the farmers need a change of seed in this country. We make a specialty of growing extra fine seed oats on our big Canadian farm; new, clean land; no weeds. Have best known varieties. Regenerated Swedish Select went 116 bushels to acre this year; Early New Market, Canada's favorite, 110 bushels to acre. Both of these are big, early yielders. We absolutely know from experience it will pay you to get a change of seed. Try some of these oats. The average oats are inbred and run out. Canadian Government Grain Inspector graded this grain No. 1 White. Has stiff straw, white berry, thin husk, enormous yielder. It is as easy to put in and harvest a big crop as a small one. The reason your oat crop is not bigger is because your seed is run out. This has been proven. Look at this cut. Taken from photograph of two stalks from Galloway Brothers' field, over 200 kernels to the stalk. Write early for free sample, or, send ten cents each for packet of one or both kinds. Will also send you free booklet entitled "Big Money in Oats and How to Grow Them," by Galloway Bros. and Prof. M. L. Bowman, former professor of farm crops Iowa Agricultural College. Information in this book is priceless. Get it free. Resolve to start a seed patch on your high-priced land this year. The book tells you how.

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Gregory's Improved Original Crosby Corn



Deliciously sweet, early bearing. Favorite for Market Gardeners and fancy shore trade—all our own growing.

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Gregory's Honest Seeds are sure growers and guaranteed to be pure and fresh. Equally desired by large truck farmers down to kitchen gardens. Ask for 1911 Catalogue—larger and more helpful than ever.

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Marblehead, Mass.

100 Bushels of Corn An Acre



can often be obtained by planting EXACTLY THE RIGHT DEPTH, every kernel precisely uniform, and 5 to 10 bushels an acre increase can almost invariably be obtained. I have a simple, inexpensive way of doing it, and will Send you the secret FREE if you will write me personally.

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THE "NEW SUPERIOR" FANNING MILL, Grader and Separator grades all kinds of seeds and grains perfectly. Capacity very large. GUARANTEED UNDER A 30-DAY FREE TRIAL. Write for free catalog. J. L. OWENS MFG. CO., 936 E. Monroe St., Springfield, Ills.

OATS Sensation!—96 1-2 bu. per acre. Also SEED CORN. Samples and cat. free Theo. Burt & Sons, Melrose, O.

GROWING PEANUTS

PEANUTS may be more extensively grown than they are. A light, sandy soil suits them best. This should be well pulverized, and of fair fertility. The nuts for planting should be carefully selected, and carefully shelled so as not to break the inner covering. Prepare the ground in flat beds about three feet wide. Plant three feet apart in the middle of these beds or rows, two nuts in a hill, about two inches deep. About corn planting time is a good time to plant. If planted too early they may be frost-bitten, as they are tender plants.

When the vines first come up they show two large, tender leaves, but soon begin to extend slender little branches or arms, which grow upward at first, but as they get longer their weight bears them to the ground. These branches may, in a full-grown vine, be thirty or forty in number, and two feet long, growing straight out from the root in all directions, so the vine at maturity may be four feet across.

By the time these little arms are about eight inches long they begin to send into the the air tiny shoots on which are yellow, blue or purple flowers like buttercups. Directly beneath these, growing straight down into the ground, small, sharp pointed shoots appear, like long, white shoe pegs. It is on these shoots that the peanuts grow, from one to two and one-half inches below the surface. These flowers and shoots will be very thick upon the branches, so much so that each branch two feet long may have forty peanuts growing into the ground under it, and with thirty or forty of these arms it may be seen that a fair sized vine will bear a good many peanuts.

What cultivation the peanuts get must come when they are young, for after the vines bend down and begin to creep along the ground and bloom they should not be disturbed. The ground for two feet around the vines should be raked smooth and level, and the peanuts left to shift for themselves. For this reason the land should be free of grass and weeds.

The vines should not be allowed to become too dry or yellow before digging, and they should be gathered before frost, but the later they are dug, within these limits, the more peanuts will be found. In the south, where they are grown extensively, the vines are saved for stock food, and the ground after digging is good hog pasture, the hogs gathering and doing well on the nuts left in the ground.

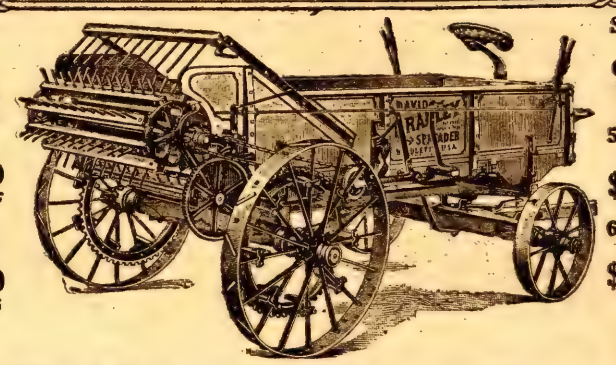
Peanuts may be planted in a small way in any strip of ground along a fence or on the banks of a creek, or in any bit of rich ground that can not well be reached for some of the main crops. Or they may be planted in the orchard in a well prepared row or two midway between the trees. But it must be remembered that the ground must be measurably free from weeds, for all the cultivation they can get must be given them before the vines spread out and begin to put down the little shoots on which the nuts form.

STILL TRY ALFALFA

THE growing of alfalfa is extending rapidly. It is now being successfully produced in states and localities where, a few years ago, it was thought impossible to grow it. Hence, we advise our readers, even though some of them may have tried and failed, to continue to try it. Where it is grown successfully, it is a most desirable crop, somewhat better than clover at clover's best; though in trying to grow alfalfa we would not think of abandoning clover. In fact, we never get tired of urging our friends to grow more and more clover, and to save more seed. The price of clover seed is too high, and has been for several years. There is not enough seed produced or saved. Let there be no relaxation in the production of clover, either for hay or seed, but at the same time continue the effort to grow alfalfa.

One thing is certain, land in which alfalfa is to be started must be as clear

DAVID BRADLEY



Complete as Illustrated, 55-Bushel Size, **$69.50**
65-Bushel Size, **$74.50**

Spreader Box Complete Without Truck, 55-Bushel Size, **$42.50**
65-Bushel Size, **$47.50**

The David Bradley Manure Spreader

Absolutely Guaranteed—Try It At Our Risk.

Judge for yourself the value of the exclusive and special features of the Bradley Manure Spreader. The spreader not having them cannot give perfect satisfaction.

A full page picture could not reveal the superior points of the Bradley, but a trip through the factory would afford you no more complete information than does our Book of David Bradley Farm Implements.

Eccentric Feed; simple, silent, accurate, no wear or lost motion, self lubricating, spreads thin dressing or heavy coat.

Double Chain Drive; each chain engages seven sprocket teeth and is held securely on sprocket by positive locks on idler arm; chains cannot jump.

Endless Steel Apron; self cleaning; runs in two angle steel protecting tracks fastened inside heavy body sills.

Feed Ratchet works apron by double pawl, one to pull and the other to hold.

Watertight Box, bottom made of matched first quality yellow pine, mounted on heavy sills with four girts mortised through. Low down, easy to load. Wider at rear; no friction; load automatically released; no bothersome force feed. Box easily removed and truck used for other hauling.

Light Draft; two horses do the work of three and do it better. A boy can run it.

Levers strong and heavy with malleable iron racks. Stanch connecting rods.

Seat of comfortable design, mounted on spring standard, swings forward for loading.

What Two Bradley Users Say.

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Sears, Roebuck and Co., Chicago, Ill.

Gentlemen:—My 13-year old boy runs my David Bradley Spreader. I would not do without it. Have spread straw, dry and wet; some stalk fodder, long and short, wet, heavy and dry; it handles all the same. Two horses handle the spreader easily, and it works as good as any other spreader I have ever seen. It has not given me a minute's trouble and is so simple in construction that I cannot see much to wear out about it. I use it for a spreader and farm wagon, and now have it on an old truck that is not fit to go on the roads with and it works all right. I saved at least $15.35 on the spreader, and also a big wagon bill.

Yours truly, BEN P. FETSCH.

Litchfield, Mich.
Sears, Roebuck and Co., Chicago, Ill.

Gentlemen:—We have tried the Bradley Manure Spreader purchased from you and are much pleased with it. Quite an improvement over the spreader I purchased from you some three years ago, although that gave good satisfaction. The Bradley is stronger and better made. The eccentric feed regulator beats anything I have ever seen on any spreader, making the spreader run smooth and almost noiseless. The angle steel track under body which supports conveyor chain is just the thing. The automatic lock which holds the drive chain down on sprockets is to my way of thinking the slickest device for its purpose yet invented. Two horses handle the Bradley with ease.

Yours very sincerely,
D. CRONK.

Refer to our big General Catalog for pictures, complete descriptions and prices of David Bradley spreaders, plows, harrows, planters, cultivators, etc., the farm tools backed by **eighty years of knowing how**; or send today for our Book of David Bradley Farm Implements.

We can always supply promptly any repair part for any Bradley implement, no matter when or where bought.

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Here, at last, is a practical Plan Book that keeps the cost of new homes within the original estimates. Doubtless you have consulted architects or have sent for some of the many Plan Books that are advertised for sale. Have you ever tried to put up a house at the price stated in these books? If so, you have learned how disastrous it is to depend on the theoretical figures given by most architects. The Gordon-Van Tine Plan Book wins out because it safeguards the home builder. It shows real **Photographs and Floor Plans of Newest Designs in Houses & Bungalows Costing $600 to $6,000**



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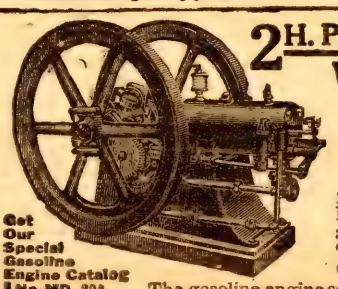
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Lumber and Millwork for this 8-Room Stucco House, $1,019

2 H.P. Gasoline Engine With Complete Equipment $36.00



2 Horse-Power Water Cooled	$36.00
4 Horse-Power Water Cooled	64.00
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57 BUSHELS MORE POTATOES PER ACRE WHERE PLANTED WITH

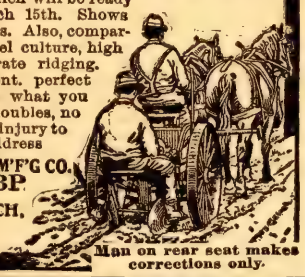
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(Improved Robbins)

Potato Planter

Average results obtained in a careful, thorough test against a "picker" planter by Maine State Experimental Station, in 1910. Ask us quick for the **proof**—we will send you **now** bona fide copy of their report in Bulletin No. 188, which will be ready about March 15th. Shows exact results. Also, comparison of level culture, high and moderate ridging. 100 per cent. perfect planting is what you want—no doubles, no misses, no injury to seed. Address

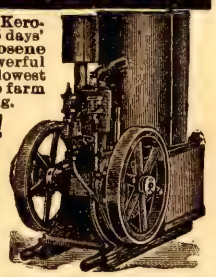
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Man on rear seat makes corrections only.

Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves **kerosene** cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if **not**, pay nothing.



Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil.

Amazing "DETROIT"

The "DETROIT" is the **only** engine that handles **coal oil** successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h.p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. **Prices (stripped), $29.50 up.** Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you **Special Extra-Low Introductory** price. Write!

Detroit Engine Works, 396 Bellevue Ave., Detroit, Mich.



Springville, Dept. K., N. Y.

—100 Envelopes 50c—

Send 50c for 100 fine white envelopes—full size—with your name and address in corner. 100 noteheads, ruled both sides, 50c. Both $1.00, postpaid. Guaranteed best work. Sure to please or money back.

EQUITY PUBLISHING CO., Indianapolis, Ind.

Iwan Post Hole and Well Auger

Best for fence, telephone post holes and wells. Makes hole smoothly and quickly, empties easily. Three full turns complete post hole. Special price to introduce. *Agents* wanted where dealers do not handle. Ask *dealer* for it. Be sure Iwan Bros. is on *handle* casting. Write for "Easy digging" book free.



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THE RATCHET WIRE SPLICER



Will wrap with ease the largest hardwire in the narrowest space in a woven fence. Sample by mail post paid for 50 cents. Agents wanted. Free illustrated circular.

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Cards, circulars, book, newspaper. Press $5 Larger $18. Rotary $60. Save money. Print for others, big profit. All easy, rules sent. Write factory for press catalog, TYPE, cards, paper. **The Press Co. Meriden, Conn**

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as possible of weed seeds. Purdue University Experiment Station, at Lafayette, Ind., that has given special attention to alfalfa, reports that this remarkable forage crop is giving best results when sown by itself in late spring or early summer on land especially prepared by early plowing and then harrowing at intervals until several lots of weed seeds are sprouted and killed, or later in the summer on ground prepared after the removal of some real early harvested crop. Spring seeding has given poor results mainly on account of trouble with weeds.

Wherever this crop is tried the land should be worked early and deep and be thoroughly pulverized. After that it should be worked frequently but shallow, just enough to keep the surface fine and to destroy the weeds. Keep this up until about the first of June; then sow. Under these conditions, we believe alfalfa may be successfully started almost anywhere.

CICADA OR LOCUST

TWO BROODS of the cicada, more generally known perhaps as the locust, are due in portions of the country this year. One of these broods is the seventeen-year locust, and it is due to make its appearance mainly down the Atlantic coast from Connecticut to North Carolina, though it is expected to extend northward through eastern New York, and a small group is billed for southern Michigan, in the extreme southwestern part of Ohio, and in Posey county, Indiana.

The most important visitation is to be that of the thirteen-year brood. It is to pretty thoroughly infest southern Indiana, southern Illinois and southern Missouri, and is to extend thence southward well into Louisiana.

This insect coming in such large numbers as it does, causes no little dread among the farmers, though it really does no great amount of damage. It may do considerable injury to newly planted orchards, but even this damage may be minimized by careful and thorough pruning so soon as the locusts have disappeared. Many of the insects may be destroyed by shaking the trees early in the morning and catching those that fall in sheets or otherwise, and burning them in small fires made for that purpose. But their appearance need cause no very great alarm.

A LUXURY EASILY GROWN

IT SEEMS stange but it is true that the country demand for melons is not nearly supplied. In some localities melons are extensively grown, and from these localities they are shipped to nearby towns and villages, and not infrequently they are shipped long distances to the city markets. For long shipments the melons must be taken from the vines before they are ripe, and the city eaters never know what a crisp, fresh, ripe melon is. Many farmers' families never know what it is to have a supply of melons. That is strange, because melons are as easy to grow as pumpkins, and they may be grown on any farm. A rich, sandy bottom is best, of course, but melons will grow in any good soil and respond readily to well rotted barnyard manure.

Get seed of the very best varieties and plant early. Give the same cultivation that is given to cucumbers, and there need be but little fear of failure. Cantaloupes are a favorite in any family. Served in halves at the table with salt, they make an excellent dessert. A few rows in the garden may supply the family. They may be planted among the early peas, and when the peas have finished their course and been removed the melons or cantaloupes take the ground and do their work.

GROWING OF SUMMER APPLES

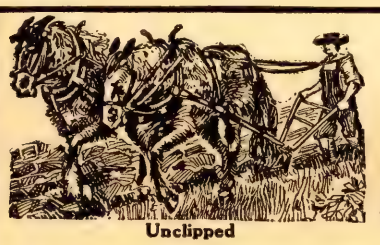
ON NEARLY every farm summer apples have had a place since very early days, and varieties have been developed extending the season of apple production over the entire summer, as well as autumn. While, as a rule, this fruit has been grown for family consumption, the surplus has found its way to market. The marked decline in the production of peaches within the past few years has brought about a considerable extension of the early apple industry on a commercial scale, which extension has been most marked in the Middle Atlantic states, where especially advantageous transportation routes, both rail and water, and the proximity of large markets have stimulated the enterprise, which has its center in the truck producing region near Philadelphia. The United States Department of Agriculture, as a result of this extension, has made a study of the early apple industry, with the Middle Atlantic states as a field, and published the information collected in a bulletin entitled "Summer Apples in the Middle Atlantic States," issued by the bureau of plant industry.

A Great Farm Machine

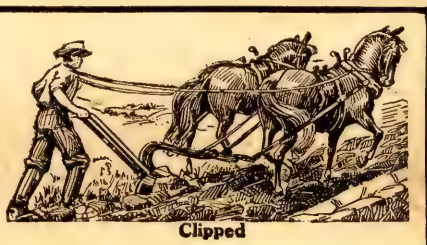
We show below an illustration of the plant of the Luther Grinder Company, where the Luther farm tool grinder and the various parts which combine to make it a perfect machine equal to every requirement of the farm are made. Tool grinding on the farm has been and remains to a large extent a drudgery. By the employment of the Luther farm tool grinder sharpening of edged tools, plows, axes, scythes, ensilage knives, sickles, etc., may be done quickly and perfectly and in an extraordinary brief period of time. There is no hard work.



The success of the Luther Farm special tool grinder is no doubt largely due to the fact that Mr. C. J. Luther, president of the Luther Grinder Company, was born and raised on a farm and learned from actual experience what constituted a practical grinding machine for farm use. Years ago Mr. Luther became convinced that no grindstone was destined to become a back number for the reason that it was a slow, laborious and unsatisfactory method of grinding tools and later found that the emery wheel, although being a somewhat better sharpening substance than the grindstone, was impractical because it overheats and draws the temper from steel. When science discovered carborundum, it solved the big problem of the right sharpening substance for his otherwise perfect machine. Carborundum is the only proper substance used on tool grinders for the reason that it gives a perfect edge on tools, does not require any pressure, grinds so quickly it can not heat metal, does not require cooling with water and best of all, is unlike all other sharpening substances in that it will not draw temper from steel. An advertisement of this grinder appears on page——. A booklet giving information as to prices and free trial offer may be had by writing to the Luther Grinder Manufacturing Company, 194 Madison St., Milwaukee, Wis.



Unclipped



Clipped

Which Team is Yours?

Clipped horses are fresh and full of life and vigor because thev dry off quickly at night, rest well and get all the good from their food. Every man who considers the unnatural conditions under which horses are obliged to live and work, assists them to better health by clipping in the spring. No way has ever been devised for doing it so easily and quickly as with this

Stewart Ball Bearing Clipping Machine

This machine weighs only 36 lbs. boxed. You can carry it about anywhere. It has six feet of new style, easy running flexible shaft, so all parts of the horse are reached easily. It has the famous Stewart One-Nut Tension Knife, highest grade. The gears are all cut from the solid steel bar and made file hard. Then all are enclosed and protected from dust and dirt, where they run in constant oil bath. Price, all complete, as shown, is only **$7.50**



It is guaranteed for 25 years and anyone can run it and do perfect clipping with it.

Clip Your Cows with It, Too

The best dairymen everywhere clip the flanks and udders of cows every three or four weeks. It is easy then to keep the parts clean when milking. The machine clips cows to perfection.

GET ONE NOW at your dealer's or send $2 and we will ship C. O. D. for balance. Write for new 1911 catalogue. DO IT TODAY.

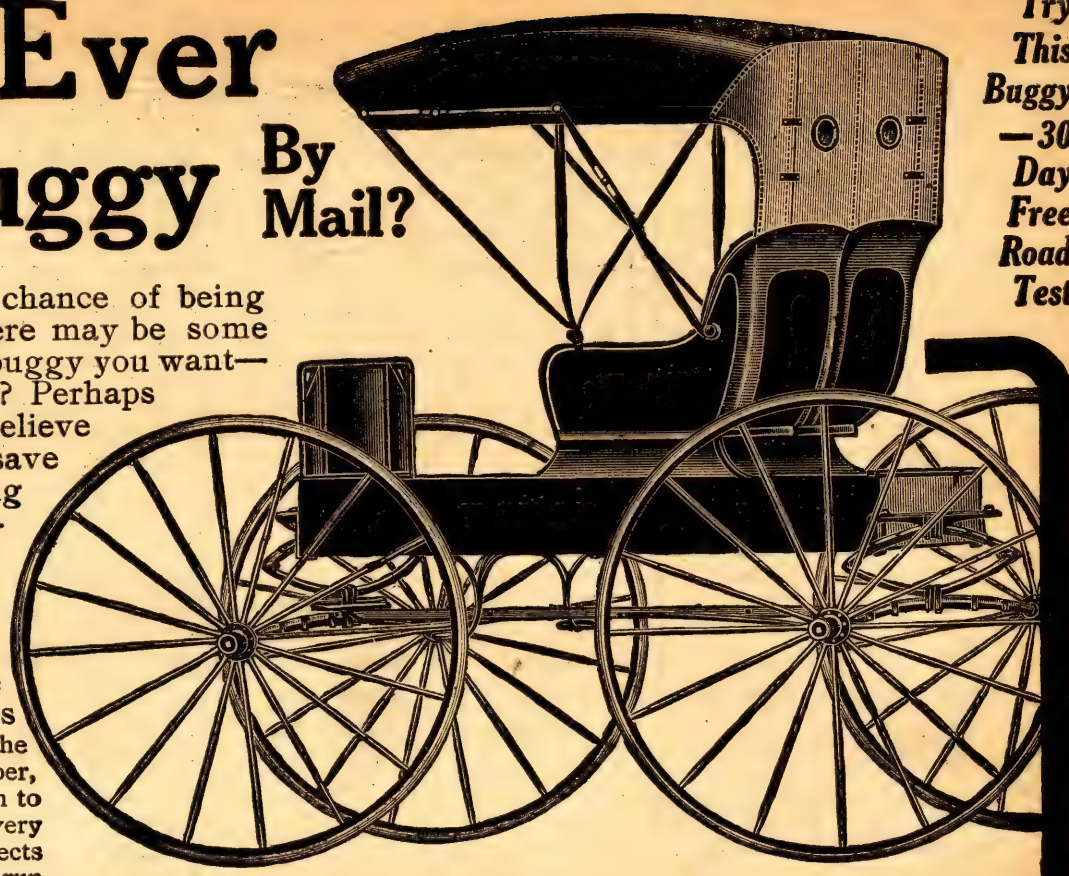


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BUY THE LOWEST COST ENGINE *MADE.* Lowest fuel cost; lowest up-keep cost; easiest on the machine it operates, delivering steadier power than any other gasoline engine, adapting it especially for operating farm machinery, with better results and least waste of grain. Lowest fuel cost for it runs on Gasoline, Kerosene, Distillate, Gas or Alcohol and has perfect lubrication. Lowest cost because it delivers greatest available power per horse. A slow speed, high duty engine. Starts easier and quicker than any other engine, occupies less space, is less cumbersome, with less vibration, therefore adapting it for either stationary, portable or traction use. **IT IS THE POWER CONTRACTOR'S FAVORITE ENGINE.** No engine made has so wide a range of use. **YOU WILL MAKE A MISTAKE IF YOU DO NOT WRITE US FOR INFORMATION.** 1½ H. P. to 5½ H. P. single cylinder. 6 to 20 H. P. two cylinder. 30 to 50 H. P. four cylinder. State your requirements and get our advise. **THE TEMPLE PUMP CO., Manufacturers, 432 West 15th St., Chicago, U. S. A.** This is our 58th year.

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PERHAPS you are afraid there is a chance of being dissatisfied? Maybe you think there may be some mistake—that you wouldn't get the buggy you want—or that it's a complicated transaction? Perhaps the dealer in your town has led you to believe you will be cheated, or that you can't save money? Let us tell you something! Buying from a factory by mail through this advertisement of Phelps, maker of Split Hickory Vehicles, is the safest, most economical, easiest and most satisfactory way. You get just the Buggy you want, made to order—just as you want it. You can't run the slightest risk. First, because Phelps and his big factory are behind every claim he makes. Second, because every paper, in which he advertises, knows him to be responsible, knows he fulfills every statement he makes and that he protects their subscribers, or they wouldn't run his advertisements.



I Guarantee every wheel and part of the running gear to be made of triple A grade Straight Grained Split Hickory—the same grade exactly as this spoke which I send unpainted as a sample of the material used with every buggy I ship.

Split Hickory Vehicles

All trade-marked Vehicles—Phelps is proud of his buggies. He stands back of them. *You'll* be proud to own a Split Hickory Vehicle—the highest grade that's made. Auto Seat Buggies, Runabouts, Surreys, Carriages, Driving Carts, Spring Wagons, etc.

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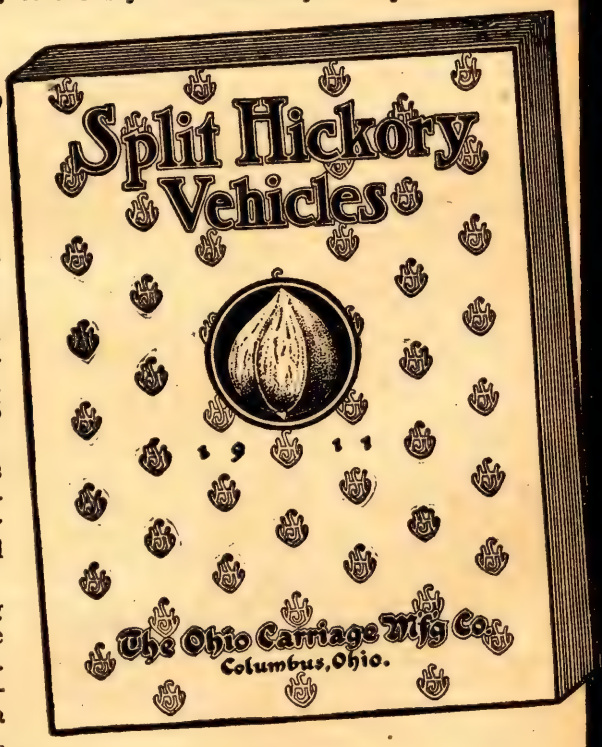
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In this Book for 1911 he takes one of his Vehicles and tears it all to pieces in a lot of photographs, showing you, together with full descriptions—all about every part of a buggy—how it should be made—what it should be made of—and *Phelps knows*.

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125 Styles of Vehicles of Every Kind. A Postal Brings This Book FREE

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A SHARPLES
Cream Separator
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You don't have to unbox it. You don't have to put it together. You don't have to start it. You don't have to do anything by guess. You don't have to take any risk or responsibility.



You let us hear from you and we will deliver the separator, show you how to operate it, how to make it pay you, and show you how it costs you less than any separator for which you are asked to send money in advance. This machine will be guaranteed forever by America's oldest and the world's biggest cream separator concern. We can make that guarantee because Tubulars are The World's Best—wear a lifetime—whereas cheap separators last, on the average, one year. Write for catalog No. 136, and say you want a Tubular set up in your home—free—with no expense or trouble to you.

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Sloan's Liniment has cured many cases of thrush both in horses and cattle.

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MR. R. W. PARISH, of Bristol, Ind., R. No. 2, writes: — "I cured one of my horses of thrush. Her feet were rotten; the frogs came out; she laid down most of the time. I thought she would die, but I used the Liniment, and she never lies down in the daytime now."

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is the best remedy for any kind of horse lameness. You don't have to rub — it penetrates. Price, 50c. and $1.00.

Send for free book on stock.

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Heaves Cured — Free Trial

Our ARABIAN HEAVE TABLETS cure heaves. If your horse shows signs of this disease don't delay treatment; we guarantee results. For sample, enough for 10 days' treatment, send 5 cents in stamps for postage, etc.

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Cleveland, Ohio



Horse Owners: Ten Cents

will prove that you can save dollars in time, trouble, labor and expense by using the Automatic "Clean" Curry Comb. Durable, effective, easy on the horse, and always clean. Send 10c to pay actual postage, state number of horses you own, and we'll send Comb postpaid. Wt. 10 oz. Price 35c. After 3 days' trial, send 25c or return Comb at our expense.

Clean Comb Co., 60 5th Street, Racine, Wisconsin

CHOICE BIG WOOL-MUTTON MERINOS

Ewes with lamb at side. Lambs sired by one great ram in Ohio. Inspection at station before money is paid. H. M. CULBERTSON, ZANESVILLE, O.

CALVES. Raise Them Without Milk
Booklet Free.
J. W. BARWELL Waukegan, Ill



THE COUNTRY'S MEAT SUPPLY

FIGURES received by the census bureau show that during the year 1909, the slaughtering and meat packing establishments and slaughterhouses of the United States slaughtered for food 68,403,000 animals. But this does not represent the entire meat supply, as a large number of animals are slaughtered on the farms or in local slaughterhouses. Besides, in addition to the above number 411,300 animals were reported as dying or having been killed not for meat, that were consumed in the manufacture of fertilizers or other products, besides the number that annually die and go to waste on the farms and ranges.

Of the total number reported above, 36,443,000 were hogs. Of the other animals 12,337,000 were beeves, 5,395,000 were calves, 14,067,000 were sheep and lambs, 135,000 were goats, and 25,000 were kids. This leaves 1,000 to include all other animals.

These reports have a bearing not only on the meat supply, but on the supply of leather also. Hides were taken from all the animals slaughtered in the slaughterhouses except the hogs, and it is a practice there to take more or less of the skin from hogs, though but few are skinned entire; but it is a common practice to remove one or more strips of hide from the back of hogs, and these strips are manufactured into leather. The number of hides and skins reported, however, corresponds to the number of animals slaughtered other than hogs, 32,371,300. This does not include, of course, the skins taken from animals slaughtered elsewhere, and animals that died a natural death. But we can not form a very correct judgment as to the adequacy of this supply without a knowledge of the general requirement.

HOGS AND THE PRICE

A WRITER in one of our exchanges speaking of the fact that the hog was the first to feel a reduction in price, says: "With cheaper corn and the packer striving to lower hog prices, it is up to the farmer to be on his guard, else he will be raising hogs at a loss before he knows it."

Yes, it is up to the farmer to be on his guard, but it is important that he guard the point of danger. The writer quoted suggests the quality of the stuff as the point to be guarded, and urges the breeding of the very best stock. That is good. Farmers should breed the best, and they should be satisfied with nothing else; but if the packers can lower hog prices at all, if they control the price that shall be paid for hogs on the market, can they not lower the price that shall be paid for the best as well as that paid for the inferior? When a hog goes to the market he is not expected to take a pedigree with him. The scales and the eye of the buyer settle the question with him there.

Hence, while we agree that it is important to breed only the best, that is not the danger point for the farmer when "the packers are lowering the price." The danger point is the market rather than the record of registration. Whoever controls the price paid on the market determines whether or not the farmer shall "raise hogs at a loss," or anything else, for that matter. It is, therefore, "up to the farmer to be on his guard," but the point to be most carefully guarded is the market; and, as a rule, that is the one to which least attention is paid by the farmers.

Keep the flanks and udders of the cows clipped. It is much easier than to clean the parts before milking. It helps to keep the dirt out of the milk. To clip the cows all over once or twice a year will do them good.

TO GROW hogs successfully and profitably there must be good pasturage. Where alfalfa is grown that is the best. Where clover is grown but not alfalfa, clover is the best. In the absence of both of these, blue grass is good. Of course, there are various crops that may be sown for hog pasture, such as field peas, rape, rye, etc., but they are not as profitable where the others may be had.

But we would not teach that hogs may be successfully grown on pasturage alone. The hog needs grain to do his best, and no grain is better for the hog than corn. A feed of two pounds of corn per day to the hundred pound hog, or in this proportion for any other weight, will keep the hog in a growing and thriving condition. If on a good pasture, such as we have described, the hog be given corn in the quantity mentioned, rapid growth and proper development may be confidently expected, and the pork will be so cheaply produced as to make it profitable to the grower in the market.

Don't have a lame horse. Absorbine has been curing horses for all these many years. Learn more about the horse and what to do for him. Write to W. F. Young, P. D. F., 102 Temple St., Springfield, Mass., for free information.

Young horses, old horses, good horses, bad horses, all horses would be benefited if their owners read Prof. Beery's free horse book. Send for it to Prof. Jesse Beery, 66 Academy St., Pleasant Hill, Ohio.

Fowls of the Air

"When I order poultry from you again," said the man who quarrels with his grocer, "I don't want you to send me any of those aeroplane chickens." "What kind do you mean?" "The sort that are all wings and machinery and no meat."—Good Housekeeping.

$15.95 AND UPWARD



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SENT ON TRIAL, FULLY GUARANTEED. A new, well made, easy running separator for $15.95. Skims hot or cold milk; heavy or light cream. Different from this picture which illustrates our large capacity machines. The bowl is a sanitary marvel, easily cleaned. Whether dairy is large or small, obtain our handsome free catalog. Address

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WHY LET HOGS DIE OF CHOLERA

The Snoddy Remedy will stop the disease and save the sick hogs and stop further developments of the disease on those not yet sick, it is also the greatest worm exterminator and thrift producer on the market.

Snoddy's free booklet which explains the whole method of saving diseased hogs or keeping well hogs clear of worms and thrifty will be sent free by return mail to any person who will send his name and address to the Snoddy Remedy Co., Sta. 24, Alton, Ill.

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I'll Save You $25 to $50

Which will you try, 30 Days' Free or 90 Days' Approval Test?

—Any capacity from 200 to 950 pounds per hour, according to your needs, and I'll save you from $25.00 to $50.00 on the price.

—The only Separator whose gearing runs in a "Bath of Oil" like a $5,000 automobile—Feature worth $50.00 alone.

—Automatically oils itself—Pour oil at the top, once a month from your oil jug or can—No danger of running dry, or ruining it like others—No oil cups to remember to fill or turn up twice a day.

—Dust-proof — Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

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HIGH GRADE STANDARD CREAM SEPARATORS

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—Skims closest in any climate or season, no matter whether your milk is warm or cold.

—Is as handsome a machine, compact and substantial, as you ever saw or could find. Beautiful finish.

—Let me send you my Big New Separator Book—post paid—Free, so you and your wife and the boys and girls can talk it over and then try one of my separators under my easy plan for you to do it.

You'll call it the best if you test it alongside any of the highest priced $85.00 and $110.00 separators sold by anybody today—makers—catalog houses—dealers—jobbers or anybody else. Write me today.

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It makes the job infinitely easier than with the old hand shears. It takes the wool off evenly all over the body. It never injures or maims sheep like hand shears and the evenness of work done by this machine nets you from 15c to 40c worth more wool per head.

This Stewart Ball Bearing Machine No. 9

is the only sheep shearing machine ever made with ball bearings throughout and with a ball bearing shearing head. It has all gears cut from the solid steel and made file hard. They are all enclosed in a dust and dirt proof gear case where they run constantly in oil. It turns easiest of all shearing machines and anyone can operate it and do good work. Any of your help can operate it well from the very start. The price, all complete, with four combs and four cutters is only $11.50

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Galloway Manure Spreader



Let me show you where and how I can save you 20% to 40% of your purchase money on a manure spreader.

You can take your pick of ten different styles —from the fifty bushel wagon box spreader, $39.50, f. o. b. Waterloo, up to my complete, all steel gear No. 5 spreader, sixty to seventy bushels—a size and a style for every farm. One for your farm at a saving of one-fifth to nearly one-half of your money.

How can I do it? Give me your name and I'll write you how and prove every word. Briefly it is that the Galloway is made in a factory with a capacity of 42,000 spreaders of all styles a year. The spreader is sold direct to you at actual factory cost plus one small profit based on this enormous quantity. Absolutely the best value for the money! It's positively true, and more than 50,000 farmers of America say so. Let me send you their proof. Photographs, letters, articles to papers about my spreaders. Proof for any man, even the most unreasonable.

Ask me any question. I'll give you some farmer's answer to it. That's the kind of argument that tells.

You are asked to sift this testimony of eye witnesses. Then take a Galloway onto your own place. Try it thirty days, or more if you need it—make it prove itself. Then I'll take your word, be it yes or no. If it's "no" I'll take back the machine, refund your money, and pay all the freight. I'll even give you 6% interest on your money for the time I've had it. Or you can try it with your money in your own pocket—makes no difference to me. You are the judge, anyhow. I don't ask you for a minute to take my word. It's your word I have to take. There are lots of things that I know about this spreader business that you want to know. Let me tell you.

Let me show you how I divide the melon with my farmer friends.



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This paper never deceives its subscribers nor ever gave them bad advice

THE HORSE AND HIS SHOULDERS

THE shoulders of a work horse may not be the center of his power, but they are the part of his body that is necessary to his usefulness. The horse with sore shoulders is out of commission as a puller, and we have seen so many whose shoulders unfitted them for work that, at this opportune time, the beginning of the season's steady work, we give our readers the following, given out by the veterinary department of the North Dakota agricultural college:

Sore shoulders are, as a rule, due to an improper fit in collar or hames. Occasionally uneven surface or hard lump areas in the fillings may be the cause, or improper care of the horse in early spring before the skin and underlying tissues have become hardened to the collar pressure. Diseased conditions of the foot or limb may cause sore shoulders from an abnormal gait. A horse's collar should be fitted with greater care than a pair of patent leathers on an aggregation of bunions, corns and ingrown toe nails.

The collar should be well made, with a fair amount of springiness on pressure, smooth even surface, and adapted to the use required; as for instance, a heavy collar for heavy draft work, while a lighter one can be used for driving horses. Let it be sufficiently long that the hand may be easily passed beneath the under surface of the neck and wide enough that the fingers can just be passed between the front border and the side of the neck.

This rule varies somewhat, of course, in the various types of horses, as some thick-necked horses expand the neck when drawing a load. These will require a slightly wider collar. Let the collar fit snugly over the entire bearing surface. Having fitted the collar, next comes the fitting of the hames to the collar and the proper adjustment of the height of the attachment of the tug. A good rule to follow is to have it come about one-third of the height from below. This may need to be varied somewhat as one considers the angle at which the hook passes from the hame and whether the horse has a free or check rein. In well made hames this hook passes out at a right angle and is easily adjusted. If placed too low the point of the shoulder shows abrasion and soreness. If too high the soreness will be found just in front of the upper part of the shoulder blade. Occasionally a sore neck results from this cause, but rarely if the collar is of the proper length.

When sores occur seek the cause, correct it, then aid nature in affecting a recovery. Having removed the cause, wash well after each day's work and dust with any good antiseptic powder, or easier still, dampen well after washing with a solution of bichloride of mercury and tannic acid. Dissolve two bichloride tablets and a tablespoon of tannic acid in a quart of soft water for this purpose. It will keep for a week, costs but little and is easily applied.

Dusting powder made up of boric and tannic acid are equally effective, or zinc oxide may be used. Dry sulphur and air slacked lime is a favorite mixture with some and is quite good.

See that each horse's collar is clean each morning before putting it on. If a sore is present, stop after a short time and remove the scab or granulations that may have accrued to the collar at that point.

Prevention is worth the proverbial amount of cure and consists in carefully fitted collars.

The use of pads is largely a matter of choice, and we are free to confess that in twenty-five years of experience in handling work horses we consider the arguments pro and con as about even. We have made it a rule to use pads only with the smaller and lighter collars when used in heavier work.

Galled shoulders frequently result from the use of a sweat soaked pad or one wet in a heavy rain.

Careful washing of the shoulders with some astringent solution during the first few days of early spring work toughens the skin, lessens the action of the sweat glands in that region and gives many a faithful horse relief from the daily torture of a sore shoulder.

Sore necks in horses is due usually to one of two causes: a short collar or too great weight coupled with the side motion as noted in a two-wheeled vehicle. A horse can carry quite a heavy weight on the neck, provided there is no jerking sidewise. Treatment is the same as for sore shoulders, remove the cause then wash well and treat with an antiseptic and astringent wash or powder.

It doesn't pay to have stumps on your land. An average stump wasts 100 square feet of the richest ground you have. Get rid of them. Ask the Hercules Mfg. Co., 260 Seventh St., Centerville, Iowa, to tell you how. Pull your stumps and make a profit the first year.

He'd Need It

"Dodson, what are you building over there?"

"A cyclone cellar."

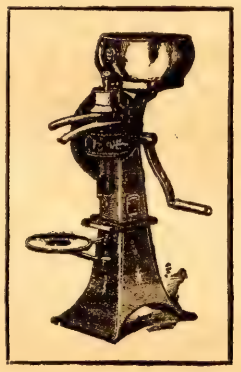
"Nonsense. You won't need it once a year."

"That's all you know about it. My wife raises a storm every day."

What Makes a Cream Separator Good or Bad?

It takes something besides cast iron, red paint and hot air to make a separator that will skim milk clean twice a day 365 days in the year for 15 or 20 years.

If some of the farmers who are thinking of buying a cream separator this season, and have been half persuaded by extravagant advertising to "save one-third the cost" by buying a machine of the "Just-as-good as-the-DE LAVAL" or the "mail order" kind, could only listen to the experience of a few of the thousands of the users of such machines who have traded them in for DE LAVALS during the past year, they would be forcibly reminded of the old adage which runs "Save at the spout and waste at the bunghole."



Any competent separator mechanic with a knowledge of materials and high-class separator construction will tell you that the marvel is, not that "mail order" machines are sold so cheaply, but that they succeed in getting the price they do.

High-grade separators can not be manufactured like harvestors, plows and other farm machinery. A properly built separator is almost as delicate and exacting in its construction and measurements as a watch.

DE LAVAL machines are constructed in the best equipped cream separator factory in the world by skilled workmen. The very highest grade of material we can get is used in all wearing parts, and our limit of variation in most measurements is less than one two-thousandth of an inch.

Before you decide on the purchase of a cream separator be sure to

See and Try a DE LAVAL

It will be only a question of time before you get a DE LAVAL anyway, so why not save yourself a lot of costly separator experience by starting right with the DE LAVAL?

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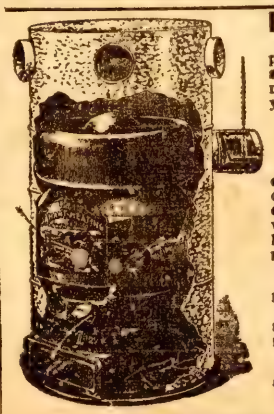
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makes it easy for any one to have the best heating system made.

We send complete outfit, furnace, pipes registers, etc., together with special plans, full directions and all tools for installing. If you can drive a nail you can install a Jahant Furnace without the aid of a tinner.

Write To-day for Catalog which explains the Jahant Down-Draft System and tells why it gives more heat at less cost than any other system of hot air, steam or hot water heating.

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For 45 years I have fought all forms of trust combinations, have kept my prices down where every farmer could buy a first class scale at a fair price and have protected the dealer. Now the implement dealers largely subsidized by the trusts say that if I sell my scales to a farmer they won't let me sell to any dealer. All right. I am ready for the fight. Hereafter my price is the same to all Money talks and any responsible man can buy my scales on approval to be paid for on agreed terms at dealers price. Money talks and your request on a postal card will bring you my offer on any kind of a scale that you may want, big or little. Money talks and if you have the money I have the scales and the inclination to fight the trust which says that no man can buy my scales without paying a profit to the dealer. Write me and soon.

"JONES He Pays the Freight."

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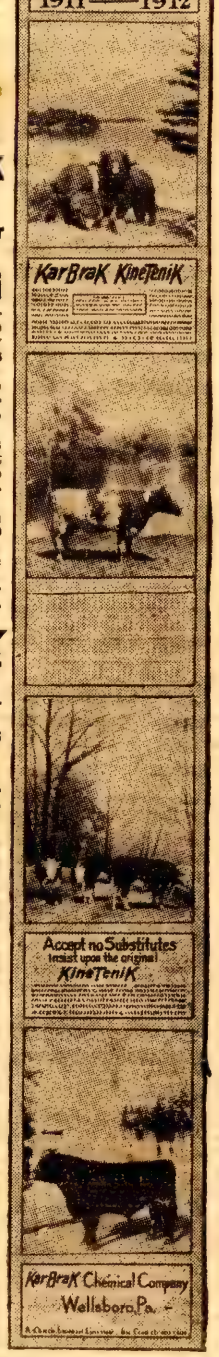
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4 Pails or 100 Pounds of the Best Stock Tonic, Conditioner, Regulator or Condition Powder on Earth.

The whole story in a Nut Shell:

KineTeniK is the most carefully prepared Stock Tonic, Regulator or Conditioner on the market with the **Filler and Salt left out.**

It is a carefully compounded **prescription,** reflecting **experience, experiments and actual tests** of the most successful **Farmers, Stock Raisers, Veterinary Surgeons and Chemists** of the world, including the results obtained by the Agricultural Experiment Stations.

It comes to you in **concentrated** form and all you have to do is to mix it with salt and middlings, bran, corn meal, oil meal or any other ground feed you may be using to get the **best Stock Tonic, Conditioner, Condition Powder or Regulator on earth,** at about **1-tenth the price you are now paying.**

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DEALERS: Our line is **sold** through Local Dealers. Send for the best Sales Plan ever conceived.

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I own...Horses...Cows...Hogs and own/rent .....*acre farm*

THE BEST HOGS

FARMERS all over the country are beginning to inquire for the best, and we like that. We have always thought that the breed, so it was thoroughbred, did not amount to so much. We have seen such good results with so many different breeds that we long since came to the conclusion that success depends more upon the treatment than upon the breed. This gives the breeder an opportunity to make his own choice—to take the breed he likes the best.

Picking up a paper the other day, we noted the following advice, and we think it good: If you like red hogs, take the Duroc-Jersey; if you like a good black and white hog with ears turned down at the tip, choose the Poland-China; if your fancy turns to a black and white hog with ears erect, take the Berkshire; if you want a special bacon hog the Yorkshire fills the bill. Good white hogs may be found in the Chesters and the O. I. C., but these may not be quite so hardy as the others.

THE BREEDING SEASON

THE horse and mule breeding season will be well underway when this paper reaches its readers. We have often urged farmers to not neglect this important period. We think conditions point to a general fall of prices, but that reduction, should it come, will affect horses and mules less than any other farm stock. The demand for these substantial work animals can scarcely diminish, and the market is by no means over supplied. And the price of this kind of stock is freer from monopolistic control or speculative fluctuations than any other farm product or stock, hence, the price is more dependable.

Let us once more urge to breed to the very best sires. It is as easy to raise good stuff as inferior, and good horses or mules catch the eye of the buyer, and they bring the price. A hundred dollar colt is a good annual dividend on the investment in the very best mare.

Spirit of the Hills

There is a spirit which pervades the hills
And thrills
Then with its life-promoting power,
It gives the voice of music to the rills
And paints the blush of beauty on each flower.
It wakes a million tender whispers 'mid the leaves
And grieves
Amid the tall pines' quiv'ring spines.
It flings rare fragrance on the breeze and Weaves
A golden thread of sunshine 'mongst the vines.

It thrills the rugged hills unto their hearts
And starts
To life a million verdant blades,
And Nature's forces, with a million arts,
Lay colors on in varied tints and shades.
The spirit moves amid the glades and dells,
And wells
A harmony exquisite, rare—
A chorus grand of love and life that swells
And pours its sweetness on the yearning air.

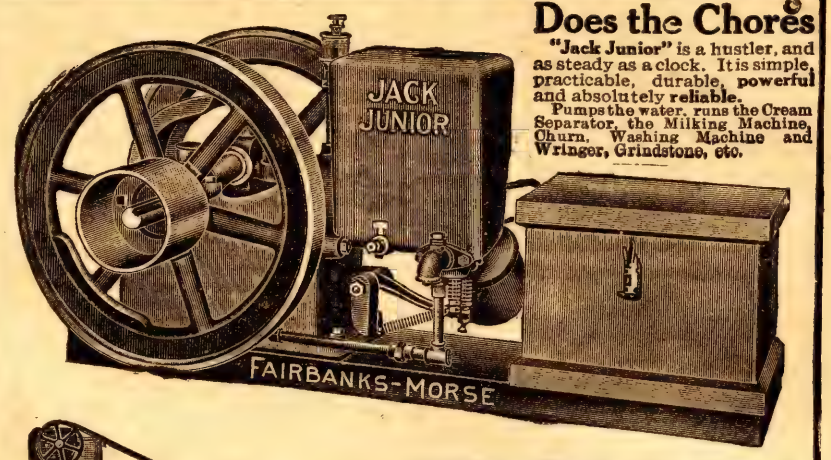
There is a spirit which pervades the hills
And fills
Them with a glory undefined.
We walk among them and its presence thrills
Our souls and inspiration new we find.
Touched by its power our hearts leap like the roe,
And lo!
The world assumes an aspect new,
The veil weeps back and looking forth we know
That life still holds the good, the pure, the true.

It is very evident that steel shingles are proof against fire. They are cheap, durable, easy to use, and cost little, if any, to keep in repair. They are fireproof and guaranteed lightning proof by the manufacturers. Look up the advertisement of Edwards Mfg. Co., in this issue and investigate steel shingles.

Don't track dirt, dust, mud or snow into the house. A simple little device to fasten outside the door will clean the worst shoe in a jiffy. Write to Victor M. Grabb & Co., S 43, Ashland Black, Chicago, Ill., for circular.

Did you ever think of it this way: You get the cumulative benefit of the inventive genius of a great firm for 75 years when you buy from the Bateman Mfg. Co., Box 65, Grenlock, N. J. Send for their catalog, etc. It will be sent free.

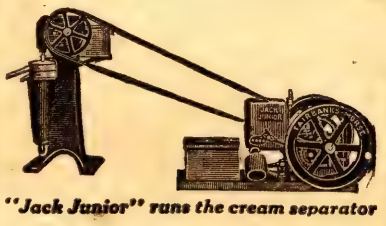
Jack Junior Engine



Does the Chores

"Jack Junior" is a hustler, and as steady as a clock. It is simple, practicable, durable, **powerful** and absolutely **reliable.**

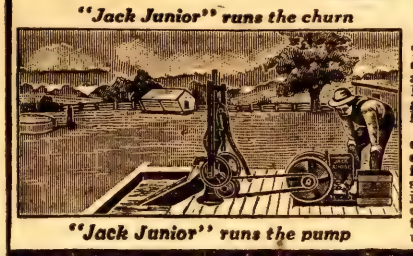
Pumps the water, runs the Cream Separator, the Milking Machine, Churn, Washing Machine and Wringer, Grindstone, etc.



"Jack Junior" runs the cream separator



"Jack Junior" runs the churn



"Jack Junior" runs the pump

This **Fairbanks-Morse** four-cycle, water-cooled, gasoline engine gives **more** than its full rated power, using about one pint of gasoline an hour.

Pumps 2,000 Gallons Per Hour

The **"Jack Junior"** engine will pump from 200 to over 2000 gallons of water per hour, depending on lift and pump used. Can be belted to any small power pump or when belted to our No. 1 Handy Pump Jack, which can be attached to any windmill pump, **it will pump more water,** for the same investment, than any windmill or other pumping outfit. It will operate a small water supply system, including pneumatic pressure tank, elevated tank or pneumatic pump.

To use engine for other purposes, it **is only necessary to throw off the belt,** no bolts, gears or other apparatus to bother with.

Absolutely Guaranteed

Thousands of these one-horse engines have been sold. They stand the test of **service.** They are doing wonderful work. Every part is as perfect as experience and skill can make it. **The regular Fairbanks-Morse Guarantee on every "Jack Junior" Engine.** Works anywhere under all weather conditions. Practically frost-proof. No danger of over-heating.

Our price places the engine within easy reach of everybody. Let us give you the address of the nearest local dealer who has one of these engines on his floor so you can go and look at it. Our catalog also shows larger engines, feed grinders, pumps, pump jacks, wood saws, electric-light outfits, etc. We make other engines especially adapted to meet your needs up to 500 H. P. Mention it if you are interested in larger units. Send for illustrated catalog No. BF 971

Fairbanks, Morse & Co.

900 South Wabash Ave. Chicago, U. S. A.

The

REAL TEST

of a Cream Separator is, after all, its *skimming power.* The

United States Cream Separator

holds the World's record for close skimming in 50 consecutive runs, continuing through 30 days, with the milk of 10 breeds of cows, .0138 of one per cent.

Awarded only Grand Prize, Seattle, 1909

Write us today for Catalog No. 187

Vermont Farm Machine Co.

Bellows Falls, Vt.

Distributing Warehouses in all Dairy Sections of the country



Wt. 30 lbs

$3.00 The Family Grist Mill

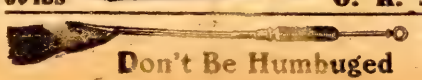
Should Be In Every Home

This little mill has a well deserved reputation as the best of its class. Hand power. Can be attached to table, bin or box. Grinds corn, oats, barley, coffee, etc. You can make your own corn meal and graham flour fresh every day Just the thing for cracking grain for poultry. Capacity, 40 lbs. of coarse meal, or 25 lbs. of fine meal per hour. Made on honor and will wear a lifetime. **Price** **$3.00**

We received the Family Grist Mill, and find it as represented. Would not sell it at any price, if I could not get another. Our neighbors think it a grand mill, and you will get several orders from our town.

Mrs. A. F. Brown, Milton, Ill.

O. K. SEED STORE, Indianapolis, Indiana



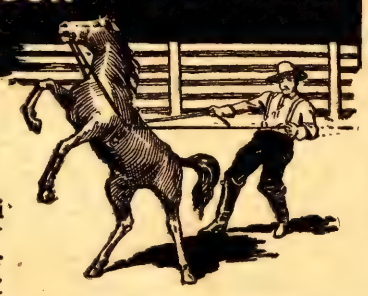
Don't Be Humbuged

Gabel's World Beater Pig Forceps is sold on 30 days free trial.

Good, reliable agents wanted. Reference: Bradstreets and 1st Nat'l Bk, Hawkeye. GABEL MFG. CO., Hawkeye, Iowa.

Attention, Horse Owners!

Send for Handsome Book Absolutely FREE



You Can Train Your Colt in 8 Hours or Break Your Horses of Any Bad Habits by Prof. Beery's Simple Methods

Prof. Jesse Beery, king of horse tamers and trainers, has retired from his marvelous career in the arena and is now teaching his wonderful system by mail to thousands of interested horse owners.

Prof. Beery is acknowledged to be the world's master horseman. His wonderful exhibition of taming fierce, man-killing horses and conquering horses of all dispositions have thrilled vast audiences all over the world. He can teach you the same simple, yet marvelous, principles which have brought him such remarkable success, so that you can take the most vicious horse and subdue him in a few minutes. He can teach you to train a green colt, break any horse of bad habits, teach a horse to drive without reins, tell the disposition of any horse at a single glance, train him to do difficult tricks and, in fact, gain complete mastery over any horse, young or old.

You can take a useless and dangerous animal and double his value in a short time by these easy, simple methods. And these horses will be cured of shying, kicking, balking, biting, fear of automobiles and all other bad traits forever.

Prof. Beery's lessons are simple, thorough and practical.

$1,200 to $3,000 a Year At Home or Traveling!

Competent Horse Trainers are in demand everywhere. People gladly pay $15 to $25 a head to have horses tamed, trained, cured of bad habits, to have colts broken to harness. A good trainer can always keep his stable full of horses.

What Prof. Beery's Students Are Doing

Breaking horses of every conceivable habit, no matter how long standing it is. Training colts to be absolutely trustworthy and useful in 8 hours. Riding with perfect ease and control. Training horses to go all the saddle gaits and do fancy steps. Training horses to do the most difficult and interesting tricks. Telling any horse's disposition at sight—judging a horse right the first time. There is no limit to what a horse can be taught when you know how.

We receive hundreds of letters like the following:

J. O. Brown, Cameron, Mo., R. R. 4., writes, "Last month I made $90.00 training colts, besides my regular farm work."

A. W. Bower, Tipton, Ind., writes, "You have made me a practical colt trainer, have all the work I can do and make more money than ever before."

S. M. Ryder, Mercersburg, Pa., writes, "I am making money buying 3-year-old kickers cheap, handling them a few days and selling them, perfectly broken, at a large profit."



Levi Smith, Admire, Kans., R. R. 2, writes, "I have used your methods on some very mean and vicious horses and had good success; broke a five-year-old from kicking in two hours. The owner offered to sell it for $75.00, but after I trained her he refused $175.00."

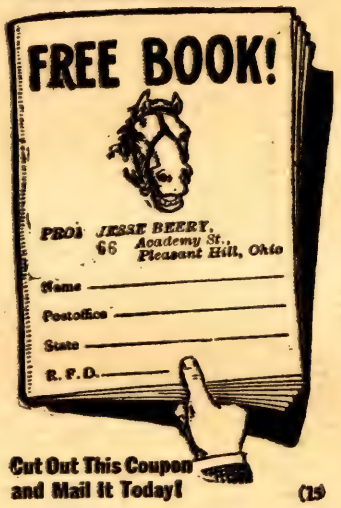
The Only Instruction of Its Kind in the World

Never before in the history of the world has there been offered such a wonderful opportunity as this—a chance to learn a money-making, fascinating profession right at home, under the instruction of the acknowledged master-horseman of the world.

If you love to travel, to give exhibitions, to train your own and neighbors' horses, write at once for handsome, free prospectus, also big FREE CIRCULAR of the Beery Exhibition.

7,000 Satisfied Graduates

There are now more than 7,000 satisfied and successful Beery graduates in all parts of the world. They are reaping the benefits of their foresight in taking Prof. Beery's wonderful course. They comprise Farmers, Professional Horse Trainers, Horse Breeders, Riding Masters, Teamsters, etc. They are able to pick up plenty of money on the side practicing what Prof. Beery taught them. Why not become one of them?



PROF. JESSE BEERY
66 Academy St. Pleasant Hill, Ohio

Cut Out This Coupon and Mail it Today! (15

STARTLING SEPARATOR OFFER!

Listen, owners of cows: Here is the best separator offer ever placed within your reach. The superb Butterfly—the separator with every point of superiority—the separator chosen by experts—now shipped direct from factory, on an unusual, liberal Free Trial offer.

$18.90 and up **For this Separator Masterpiece—The Wonderful BUTTERFLY!**



Actually less than half the price usually asked. **Guaranteed a lifetime.** Separator competition is aghast at our determined, profit-slashing campaign. The same price that even the wholesaler must pay, direct to you on this amazing offer.

30 Days FREE TRIAL We will ship the splendid **Butterfly** right to your farm for a whole month's trial absolutely without any obligation on your part whatever. We want you to see for yourself how quickly and closely it skims even cold "stripper" milk; how smoothly and easily it runs; how a child can turn or clean it easily and in just a few minutes.

You Are the Sole Judge Don't take anybody's word about a cream separator. Try it for yourself—**then decide.** We have no agents to bother you or attempt to influence your decision. We leave it all to you.

WRITE NOW for our free Separator Book and our great offer. Do it today. No matter how many or how few cows you own, you are losing money without a separator—we have a size and style for every need. The free book tells you just what you want to know about separators. Send for it.

OUR LIFETIME GUARANTEE protects you absolutely. Built to last a lifetime—and it will.

ALBAUGH-DOVER COMPANY, 2158 Marshall Blvd., Chicago, Ills.



ABSORBINE

Removes Bursal Enlargements, Thickened, Swollen Tissues, Curbs, Filled Tendons, Soreness from any Bruise or Strain, Cures Spavin Lameness, Allays Pain. Does not Blister, remove the hair or lay the horse up. $2.00 a bottle, delivered. **Book 1 E free.**

Before After

ABSORBINE, JR., (mankind $1 and $2 bottle.) For Synovitis, Strains, Gouty or Rheumatic Deposits, Varicose Veins, Varicocele, Hydrocele. Allays pain. Your druggist can supply and give references. Will tell you more if you write. Send for free book and testimonials. Manufactured only by **W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.**

Standard Among Drilling Machines

The oldest established manufacturers, the largest line of drilling machines and tools, and 41 years of successful operation in nearly every country in the world, make



American Drilling Machines

Standard the world over.

For every possible condition of earth and rock drilling and mineral prospecting we make a drill especially designed for the requirement.

Catalog No. 105, the most complete "drill hole" catalog ever issued, Free.

The American Well Works

General Office and Works,

Aurora, Ill.

Chicago Office: First National Bank Bldg.

Tell them you saw the "ad." in Up-to-Date Farming

FEEDING AND PROFITS

MR. C. A. Smith gives one of our exchanges an experience of his own which can not help being beneficial to many of our readers. Late in September of last year he purchased 165 range calves that averaged in weight 368 pounds, at a total cost of $3,086. The first of October he began feeding grain, the October ration being four pounds of corn and cob meal per head daily, besides a reasonable feed of alfalfa hay. During November they were given six pounds of corn and cob meal per head daily; December eight pounds, and January ten pounds. During these four months they had an average daily feed of ten pounds of alfalfa hay per head. The February feed was ten pounds of corn and cob meal, the March feed twelve pounds, April and May fifteen pounds, June and the first half of July sixteen pounds. After February the consumption of hay decreased as the grain increased, and the average amount of hay consumed during the feeding period was eight pounds per day.

Thirteen of these calves died, or were otherwise disposed of within ten days of purchase, so that only 152 were brought to market. These consumed forty-two bushels of corn and 2,200 pounds of alfalfa hay per head during the nine months. Estimating the hay at $10 per ton and the corn at fifty cents per bushel, the feed cost $32 per head, or a total of $4,864. This added to the purchase price of all, not deducting the thirteen that never came to market, made a total cost of $7,950. The calves brought on the market, after deducting commissions, transportation, etc., $9,029, being a net profit of $1,079, or $6.11 cents per head.

Mr. Smith argues that this profit, though not large, pays very well for the labor in feeding and caring for the calves, and that the feed they consumed was paid for or charged up to them at the full market price, the value of the manure left on the farm added materially to the profit. It is his opinion that there is more profit in feeding corn at ten cents below the market price than there is in selling it; and so of hay and other feeds, and we think he is correct.

OXFORD SHEEP

OXFORD sheep, or Oxford downs, as they are usually called, are very prolific, triplets being more frequent than either twins or single lambs. They are also very large, rams in good flesh frequently weighing from 250 to 275 pounds, and ewes from 200 to 225 pounds. The wool is coarser than that of other medium wool breeds, but the fleece is heavy, weighing from ten to twelve pounds as it comes from the sheep.

Oxford sheep originated in England in the early part of last century, and came of a cross of Cotswold and Hampshire downs. They are now quite widely distributed over the United States and Canada, but they are not so well adapted to rough range conditions or broken pastures as are the Shropshires or Cotswolds. They are not so hardy as these, and are therefore, not so desirable on the farms.

Springtime is clip time, both in the city and on the farm. Horses that are clipped dry off fast at night, which is to be preferred to standing in a heavy wet coat of hair.

Inside Facts on Fencing

The buying of fencing is becoming a serious matter with the farmer nowadays as it is becoming more and more apparent that while the cost of fencing is increasing the quality of the product in most instances, is not keeping pace with the advance in price. A convincing little booklet on fencing written by Mr. Brown himself, and sent free upon request to anyone addressing Brown Fence and Wire Co., Dept. 70, Cleveland, O. This booklet goes fully into the matter and gives the reader all the inside facts, usually treasured as trade secrets. Write for it.

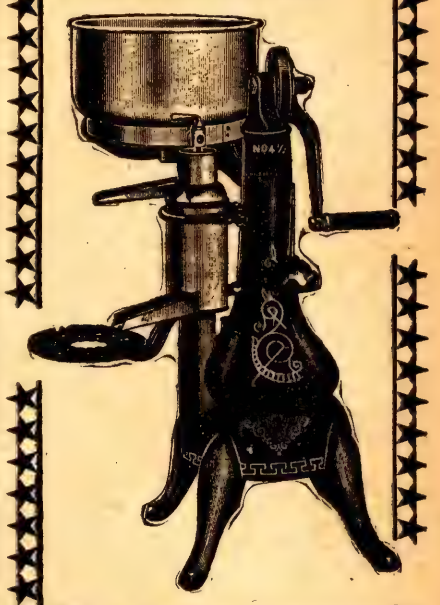
The Maid Missourian

Mistress (to new maid)—"Above all things, I expect you to be reticent."

Maid—"Yes, ma'am, certainly. (Curiously): But what is there to be reticent about?"—Illustrated Bits.

YOUR CHANCE

To Save Money and Make Money Has Come to You at Last



The Cream Separator You've Waited For

When you buy a Cream Separator you want a machine that guarantees skimming to a trace; which cleans easily; which may be operated with so little effort that a child may run it; which is so carefully built that it will last practically a life-time, and a machine which is sold to you at a price which you can easily afford to pay.

The Macy Cream Separator will fill every requirement. Thousands of dairy farmers throughout the United States are now using this splendid machine. It has been manufactured and sold for the past five years, and it is rapidly displacing the widely advertised Cream Separators sold at two and three times its price.

We want you to get our story. We want you to know the Macy Cream Separator. It will add from $15.00 to $20.00 per cow per annum to your profits. It will pay for itself in just a few months, and give you better service and more lasting service than any other Cream Separator manufactured.

Do not be misled by the claims made on behalf of other Cream Separators. Do not be influenced by the sneers and insinuations of the manufacturers of the old style Cream Separators who are constantly attacking those manufacturers and dealers who are selling more up-to-date machines.

Learn the Truth

Investigate for yourself. American Farm Folk are the most intelligent citizenship we have. The farmer thinks for himself; he reaches his own conclusions, and then he acts. All that we want you to do is to get our proposition. We will leave all the rest of it to you. We will send the Macy Cream Separator to your farm to be tested by you—to try out in competition with any other Cream Separator manufactured; **none of them are barred.** We want you to run the Macy beside the other Cream Separators. Try it on hot or cold milk; test it for butter fat; test it for easy turning; for easy cleaning; **submit it to any test that you may think of or the agent of any other Cream Separator may suggest.** Submit it to these tests for 30 days, and if at the end of that time the Macy has not demonstrated that it is the best Cream Separator from the standpoint of skimming efficiency, easy running, easy cleaning, simplicity and durability return it to us, at our expense of transportation charges both ways.

We Want to Send You

our Cream Separator offer. We want to tell you how you can save one-half or two-thirds on your Cream Separator. We want to tell you how to add from $15.00 to $20.00 per cow to your income. We want to tell how to get more cream and better cream from your herd than you have been getting in the past.

Just write us a letter or a postal card to-day saying, "Please send me your Cream Separator proposition," and we will send it free and postpaid.

Ask for Separator Offer No. 7702

R. H. Macy's Attractions are their Low Prices

Macy's

34th St. and Broadway, New York

Amazing, Special Introductory Offer

I Want to Distribute a Million Easter Post Cards Before Easter, April 16

HERE IS A WONDERFUL OFFER that is open to one person in each family where this number of UP-TO-DATE FARMING goes.

I have figured it out that if 4,000 boys and girls, or grown ups too, will each let me send them twenty of my new, 1911 EASTER POST CARDS, and they show them to some of their friends, which they will be proud to do, that it will at once make such a demand for my paper and cards that I will soon have all the subscribers I want for 1911, and my edition of one million (1,000,000) EASTER POST CARDS can be distributed to pleased subscribers.

To the first 4,000 who will send the coupon below I will send UP-TO-DATE FARMING three months on trial, twenty of my new 1911, EASTER POST CARDS and my NEW offers how to get all the beautiful post cards; or choice flower seeds; or vegetable seeds; or bulbs of beautiful flowers, FREE.

The only condition I make is that you send ten cents for the trial subscription and as a guarantee that not more than one person in your family will accept this offer. I make no charge for the TWENTY post cards; they are absolutely free for you to show to your friends, and for you to keep or use as you wish.

My new Easter Cards are the most beautiful ones you may hope to see. They have made a great "hit" with those who have inspected them. There are seventy-two cards, all different. They cover a very wide range of subjects. The accompanying illustration gives a faint idea of the style and subjects, but it can not convey even a suggestion of the richness and beauty of

50 Lovely Easter Cards

You can get them Free if you're one of the 4,000



Get All Your Post Cards, Flower Seeds Garden Seeds and Summer Flowering Bulbs From Me FREE!

the real cards. They are printed on fine, heavy cardboard, with twelve printings, decorated with gold and silver and are heavily embossed.

The artist had each member of the family in mind when he decided on his subjects, but the central idea was to especially please the children, hence the large proportion of rabbit, chick, Easter egg and sweet children cards. But the older folks were not forgotten and there are cards with crosses, crowns, easter lilies, etc., to call to mind the things that the day commemorates, and on each is an appropriate Easter Greeting.

This is the Coupon to Send

Mr. J. A. EVERITT, Editor,
Indianapolis, Ind.

I enclose 10 cents for a three months' trial subscription to UP-TO-DATE FARMING. Please send me the **20 EASTER POST CARDS** as promised. I agree to show them to my friends in accordance with your **AMAZING SPECIAL INTRODUCTORY OFFER.** No other member of my family has or will embrace this offer. I have not sent for this offer before.

My Name .....

My P. O. .....

R. R. ..... State .....

The New Trial Subscriber's Name .....

His P. O. .....

R. R. ..... State .....

Will not these cards help to inspire the proper Easter spirit wherever they go? Don't you think these cards in your home, or sent to your friends will make Easter fuller of love and Easter Joy? My beautiful cards supply the means to greet all your friends, and they cost you nothing. No other present will be expected. The custom of giving cards is growing wonderfully and it should be encouraged.

I have studied to make this offer attractive and such as would appeal strongly to nearly all readers because I want to hear from 4,000 at once. The bargain in this is for the one who accepts it, and not for me. I could not afford to make this offer if it were not for the subscribers that will result in the future. I want thousands of new families to get acquainted with my paper—UP-TO-DATE FARMING—and see my new Easter post cards. Therefore, I adopt this plan as one of the ways to accomplish my purpose.

I hope you will fill out the coupon right away, then you will receive the full set of twenty Easter Cards at once. REMEMBER, twenty; not ten, or twelve, or fifteen. All different. When you get them you will be in doubt, whether to use them for correspondence or keep them in a collection to entertain your friends.

UP-TO-DATE FARMING, Indianapolis, Ind.

NOTICE—This is the appearance of this advertisement those who embraced it before must not do so again. Also, this the last time you will have the opportunity as it not appear again.

They Moved From the Farm

MRS. Ellis raised up in bed and pushed back her nightcap. "What on earth are you doin' Ezra?" she asked.

"Gittin' up," came the gruff reply from the darkness at the other side of the room.

"What! Wasn't one of the reasons we come to town so's we needn't get up till daylight? You come right back to bed."

Ezra grumblingly obeyed. For an hour or more he lay tossing restlessly about in a vain effort to go to sleep, and then cautiously crawled out again. This time his wife made no remonstrance, giving him only a parting injuction to call her when the fire was built.

Ezra shook down the ashes and built the fire. Then he took a tin pail from the sink and started for the door. He was half way down the steps before he remembered that there were no cows to milk. He turned shamefacedly back to the house. "That's the second time I've done that this week," he said to himself as he put the pail in the sink and turned on the tap to fill it with water.

He looked at the clock. It was just a quarter after six. "I reckon I'll let Martha sleep a little longer," he remarked. "I told her she wouldn't have to work only when she felt like it when we moved to town." He moved his chair over to the window and began to read one of the new books that his son Sam had sent him not long before. He had hardly found the place when his wife came down stairs.

Ezra threw down his book. "I'm tired of readin', Ma," he said. 'Seems like I ain't done nothin' else since we come to town."

"Well, you'll have something else to do today," his wife replied, "We're invited over to Dobson's for dinner."

Ezra sighed. "Will we get the grub on the installment plan, like over to Cameron's last week?" he asked.

"Why, of course. That's the way town folks eat. One of the reasons we came to town was so's we could take it easy and live fashionable."

"I s'pose you call makin' me wear my coat all the time in the house fashionable," he snorted. "First thing I know you'll be wantin' me to learn to shave with one of them little hoes."

Captain Ellis has always promised himself and his wife that he would rent the farm and move to town as soon as he could get the mortgage paid and a little surplus in the bank. Martha was getting old, and the Captain himself could not stand the work like he used to. Hired help was hard to get and not very dependable. Since Sam had left home to work on the railroad, and Minnie had married, it was doubly hard.

The second year after Minnie's marriage crops were good and prices high. When Ezra Ellis figured up that fall, he found that fortune had smiled on him. He paid the mortgage and rented a house in town. As soon as he could find a renter for the home place, he and Martha packed up and moved to the city.

For a time their new mode of life was everything that could be desired. They went to lectures and matinees, and read and ate and slept. For the first time in their lives they could do as they pleased, without any cares or responsibilities. Every day or two Ezra would run onto one of his old friends from "out home" on the street, and bring him to the house for dinner. Then both he and his wife would listen eagerly to the news from home, how the stock was doing, and the price of seed corn. But always, just before the visitor left, they would find an opportunity to tell him how they were enjoying city life, and end by advising him to sell out and come to town.

One day, not long after the dinner at Hobson's, Ezra hired a livery team and drove out to the farm. He was looking happier than he had before for days when he drove around by the house on his return.

"What on earth have you got there?" his wife exclaimed as he pulled the violently agitated sack out from under the seat.

"A pig," Ezra answered: "a real pig, Ma. I knew there was something I'd been wanting, and I finally decided it was a pig."

"Where are you going to keep him?" Mrs. Ellis asked, as she glanced around the narrow lot hemmed in on both sides by stiff, neatly trimmed barberry hedges.

"Under the back porch," Ezra answered propmtly: "I'll build a little pen outside by the ash barrel for him to exercise in."

After that, Ezra got up promptly at half past five every morning and fed his pig. At first it did not take kindly to being routed out of its warm bed before daylight to eat breakfast. After awhile, however, it grew to expect its morning swill, and it would get up at five, and squeal until Ezra appeared with its breakfast.

This squealing did not annoy Mr. and Mrs. Ellis in the least. They would lie and listen to it, talk over old times on the farm, and be the happiest they had been since they same to town. Not so the neighbors. Piggie's peculiar brand of music, and especially his untimely hour of giving it, got on their nerves. The first indication Captain Ellis had of this was a note from the plumber who lived next door. It was brief and to the point. "If you don't choke off that pig's squeal," it read, "I'l report you to the council."

Ezra read the note over three times carefully and then handed it to Martha. "I reckon I'll have to get up at five o'clock after this," he said.

The plan worked well for a time, and no more complaints were heard. As the days began to get longer, however, piggy took to getting up earlier. Mr. Ellis adopted the plan of getting up at the sound of the first squeal. Thus piggy, who was not dense enough to merit the opinion which some people hold of his family in general, came to realize that all he had to do was to open one eye and squeal, and his breakfast would be forthcoming. Every morning Captain Ellis' rising hour came a little earlier. When it got to four o'clock he rebelled.

"I came to town to rest," he declared. "I'm not going to get up at four o'clock for any plumber, nor for any pig either," he added, giving the pig a poke.

Ezra pottered around the pig pen nearly all day. Just before supper he called Martha out to view the result of his labors. He had a swill pail hung on a rod at one end of the pen, so that by simply pulling a string it would tip over and empty its contents into the trough. The other end of the cord ran through the window and was fastened to the Captain's bed.

For two weeks the new device worked splendidly. With the first squeal Ezra would wake up and pull the cord, the pig would be fed, and the noise would cease. The pig still kept squealing earlier every morning, until at the end of the two weeks he was waking Ezra up at half past two in the morning. This mattered little, however, as it was only a matter of pulling the string and going to sleep again.

A few mornings after this the pig, who had eaten a rather light supper the evening before, squealed at two. Ezra awoke, pulled the cord and immediately went to sleep again. About six he was awakened by vociferous squeals from the back porch. Piggy had digested his two o'clock lunch and was ready for more. Here was an unlooked for complication. Ezra pulled on his trousers and hurred out to the pen, but there was no more swill. He tried to pacify the pig by other means, but it was no use. He wanted something to eat. At last in desperation Ezra fed him the pancake batter.

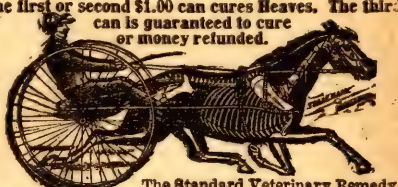
It had been rather a chilly night and the batter had not risen very well. The temperature inside the pig was more congenial, however, and the yeast began to work. Piggy crawled under the porch, feeling decidedly queer. He hadn't been under there long before he decided he wanted a drink, and attempted to come out after it. Alas, he found that he was too big. His sudden growth had made him bigger than the space between the edge of the porch and the ground, and he stuck fast. When a pig is in trouble he usually makes it known by squealing, and Ezra's pig was no exception to the rule. He squealed with all the ability of long practice. Captain Ellis left his pancakeless breakfast hurriedly, and went to piggy's assistance. The plumber next door also left his breakfast and called up the chief of police.

About an hour later, as piggy was lying quietly in one corner of his pen, feeling much better; and Ezra was sitting

(Continued on Page 20.)

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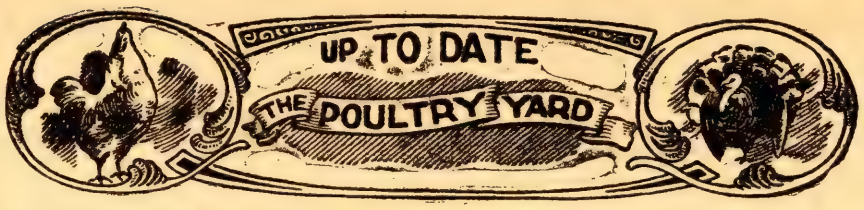
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Early Spring Poultry Chat

By Mrs. J. B. Howe

About now is the time to be getting busy in the poultry yard. If the different yards have not been selected and mated, no time should be lost in doing so. Select the best hens and mate them with an early, well matured, vigorous young cockerel. Ten or twelve hens to each male is enough, less would be better to insure eggs strong in fertility. The earliest and finest pullets should be mated with a vigorous cock of one or two years of age. Cocks beyond that age have usually outgrown their usefulness and will prove a disappointment.

If the flock is to run at large, without any separation, as is usual upon the farm, provide at least one male for every ten hens. If these males have been reared together there will be less fighting among them. If the males must be bought, let them all come from the same breeder for the same reason. It goes without saying that a continual sparring among the males of the flock, will not tend to the fertility of the eggs.

It is well to occasionally weed out the old and antiquated hens from the flock. They may be distinguished by the spurs. Occasionally an old hen has so proved her worth that she is worthy to be retained, say as an extra layer, a good sitter, a kind and faithful mother, but as a general thing a hen is not a paying proposition after her third year. Better get rid of her and fill her place with vigorous young pullets, the quick motioned, alert one, with bright eyes, a comparatively small head, small, tapering neck, is pretty sure not to disappoint you. For a cockerel choose one who is bold, alert, upright in carriage with bright eye and stout legs. We are not alluding to color, yet these general characteristics will fit almost any color or breed.

Until animal food in the shape of bugs and insects of one kind and another are abundant, meat food, of some kind, must be provided the laying stock if plenty of eggs, strong in fertility, are expected. Think for a moment what a tax on a fowl it is, to provide an egg each day, out of the material usually accorded her. Why it is actually requiring her to give you something for nothing. A good hen and an Indian Runner duck are veritable egg-producing machines, but even they must be provided material from which to manufacture the egg. In the summer, when given their liberty, and a suitable place to range, they will find their own material, supplemented with a small feed of grain, morning and evening, but in the winter and very early spring, when both vegetable and animal food are minus she must be supplied these things in some form or other. Eggs intended for hatching purposes should not be allowed to get chilled. In order to avoid this, they must, in inclement weather, be gathered several times a day, and kept in a moderately warm place. Not warm enough to start the germ to developing, nor yet cool enough to chill them. A dry, ventilated cellar makes an ideal place. Under these conditions they may be kept from two to three weeks, without serious damage. When eggs have been shipped any distance they should be allowed to rest at least one day before being placed under a hen, or in an incubator. Some one recommends washing every egg before placing in an incubator, and we believe it would be a wise plan. This would remove all impurities and any disease germs that might have adherred to them. It is best to sell the first eggs laid by pullets, in the market, as they are not apt to hatch so well, nor the progeny be as strong as subsequent litters of eggs.

If hens are expected to do their best, their quarters must often be cleaned, and disinfected. The drinking vessels should receive daily attention. Never place young fowls in a house or run that has been used and befouled by other poultry of any kind, without a thorough cleansing and disinfection. Troubles of various kinds are apt to visit you if you do.

The best way to cleanse an infected run is to turn the ground over, and sow some quick growing crop like wheat, barley, or in fall rye. The growing crop will sweeten the run, and the growing stuff will provide the needful greens. Too much care can not be taken in the cleansing of an incubator or brooder that has seen service. If one expects the young fowls to grow and keep well their surroundings must be spotlessly clean and sweet.

This is a good time to lay in a supply of food, suitable for the young chicks and ducklings. Steel-cut or rolled oats, some good variety of young chick feed, a little nice, sweet animal meal, and then with the home furnished materials, such as hard boiled eggs, curd and stale bread, you will be pretty well fitted out for the spring campaign.

Watch for the early "clucks," and get old Biddie at work soon as possible, if she is not already employed. If she is slow to respond in this matter, the first eggs may be set in the incubator. If many chicks are to be hatched the wooden mother must be brought into play, so give her all the assistance possible and she will do fairly well, sometimes exceedingly so.

DARKENED NESTS

HENS like to retire into a secret place to lay; it is the bird nature. Hence, in making nests it is well to have them darkened. The nesting place should be just wide enough for two nests. Have the nest in one end of the space, and the entrance near the other end, so that when the hen goes in she must step aside to get to the nest. This kind of nest will suit her much better than a nest immediately in front of the entrance.

SET SEVERAL HENS AT ONCE

THOSE who depend upon the hens to hatch the chicks, must set for the earliest chicks as fast as the hens get broody, and usually only one at a time. But later it is better to set several at the same time, so that several broods will come off at once. The broods can then be consolidated, giving, perhaps, two or three broods to one hen, and resetting the unfortunate hens that have been robbed of their chicks. It looks cruel, but we suppose "business is business."

We have known this done very successfully. It economizes hen power, generally brings the chicks off earlier, and they are in good sized flocks of the same age instead of in small broods of all ages. This is one of the greatest advantages and does much to ward simplifying chicken raising.

But when large broods are given to one hen, there must be facilities for taking care of them. If there are more than she can cover she must have a warm, dry place to roost in, and she should have an enclosed run during the day lest she scatter and lose a part of her family. In fact, all hens with broods ought to have enclosed runs at least until the chicks are some weeks old.

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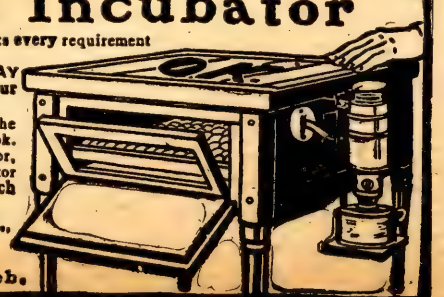
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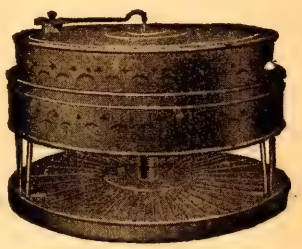


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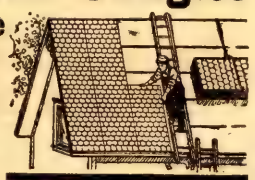
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SLOP FEEDS FOR POULTRY

THERE is never a time when slops or sloppy feeds are good for poultry. A great deal is said about the "morning mash," and such a feed is no doubt good, but it should never be wet up into a sloppy condition. Let it be wet only enough to hang together, and yet be crumbly. The mash or mixture of ground feed may even be fed dry with good results, but the fowls, of course, should have easy access to clear, clean water.

Young chicks should never have sloppy feed. Hard boiled yolk of egg, crumbled, is a good first feed, and dry corn meal with some bright, clean sand in it is good feed. Note how industriously the little fellows pick it up. If the corn meal be made by farmers' wives, the dough should be very dry, scarcely wet enough to hold together. Corn bread is a very good feed for young chicks, but it should be quite dry and crumbled up very fine. A little dry sand mixed with that also is good.

SCALY LEGS

THIS unsightly poultry trouble is more prevalent in the spring than in any other season of the year. It can not be mistaken. It is the result of a very small parasite that works in under the scales of the toes and legs causing them to grow rough and unsightly. It injuriously affects the health of the fowls.

The remedy, of course, is to destroy the parasites, or germs, and let nature do the rest. The simplest and most effective remedy we have found, is a mixture in equal parts of lard and coal oil. Anoint the scaly legs thoroughly, being sure to give the mixture a chance to get well under the affected scales. Frequently one application is sufficient, but sometimes more is necessary. Watch the legs of the fowls. A cure is not effected until the legs and toes and feet have become smooth and natural in appearance. The sooner the remedy is applied after the discovery of the trouble the easier it is cured.

MITES A PROLIFIC TROUBLE

AN EXPERIENCED poultry man declares that nine-tenths of the so-called poultry diseases are caused by lice. The fowls or chicks become mopish and stand around like they are sleepy, making no attempt to hunt anything to eat, and seem to care little about eating when feed is given them. All sorts of diseases are at once suggested, but in nine times out of ten it is lice that is robbing them of energy and eating away their strength and vitality.

Don't dope the fowls, but fight the lice. Be sure that the fowls have a good dust bath, if entirely of hardwood ashes from the stove or fireplace all the better. Then clean out the hen house, and do it thoroughly, sprinkling the floor with lime, and whitewashing or spraying every part of it. This should be done every spring whether any trouble with the chickens is observed or not. Moveable perches are valuable in connection with the war on mites and lice. Use the perches alternately only a few days at a time. When not in use have them exposed to the weather outside. That will free them from the pests.



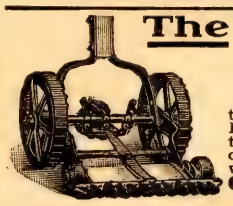
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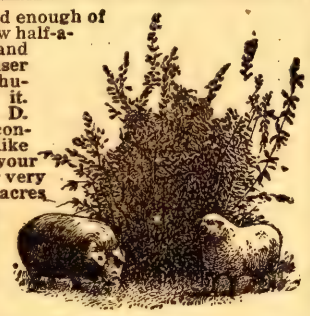
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GARDEN and ORCHARD

SAMUEL ARMSTRONG HAMILTON, Editor

The editor of this department will answer inquiries by mail if a stamped envelope be enclosed, and desires all to write him freely. This is your department; use it. Horticultural books and pamphlets will be reviewed if sent in. If you desire to know where any seed, plant, or implement can be had, write me. If obtainable, I will tell you.

ON THE THRESHOLD

We are on the threshold of another garden season. Are you ready for its coming? Have you used the days of winter in which **to plan for the summer's work?** WE HAVE. Are all your plans complete; the tools and materials ordered, or in mind, to insure the best crops in orchard and garden? OUR PLANS FOR A BETTER PAPER, one larger, fuller, and thoroughly UP-TO-DATE, will insure you **the best that a farm paper can contain. surely** you will renew, and send at least FOUR new subscribers—**don't keep such a good thing to yourself!** The five names, **for one year each, $1.00.** WILL YOU SEND THEM TODAY?

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Garden Editor.

PUBLICATIONS RECEIVED

Hill's Planting Guide. The best catalog of evergreens which is received at this office. Hill is a specialist who knows his specialty. His offers of seedling evergreens to farmers for reforestation are very attractive. *Free.* The D. Hill Nursery Co., Box 217, Dundee, Ill.

Meehan's Monthly Bulletin. This is worth many times the small price charged for it. It is published by the foremost experts in hardy stuff in America. Five cents per copy. 50 cents a year. Thomas Meehan & Sons, Philadelphia, Pa.

Pennsylvania Zoological Bulletin. This is the bulletin of the Pennsylvania Department of Zoology, written by Professor Surface, the foremost expert on orchards and spraying, as well as insect life. Can be had free on application to Prof. Surface, Harrisburg, Pa.

IN THE GARDEN

NOW that the garden season is right upon us, I desire to "make a few remarks" upon the subject, primarily, as to what is necessary to insure the greatest measure of success.

There are four essentials for success in gardening, as differentiated from the more general farming. They are: A rich soil, thorough preparation, constant cultivation, and the best seed. The farmer or trucker who has all these essentials has at his hand all the elements for abstracting from Mother Earth all that it is possible for her to shower on him in one season. This is ordinarily the case, but—there is a fifth essential, which is worth more than all the rest, that of PERSONAL EQUATION. No matter if the soil be as rich as plant food can make it; no matter if it be prepared according to the latest methods of the experiment stations; no matter if the seed be the best that can be had at any price, and cultivated until it is as loamy as engine sand, if there be not brains behind the owner in charge, to correlate all these operations, properly, there will be no better results than by the usual slip-shod methods which so often obtain.

The gardener, of all farmers, needs to "mix brains" with his work. The fierce competition of the present day compels him to place on the market practically perfect products, and to do this he must be as much of an expert along his own line of endeavor as the lawyer, doctor, or teacher. Let us grow our gardens and truck patches this season with our brains.

Why Not Specialize a Little

There are too many farmers, who run gardens for profit, especially those with large acreage, who do not specialize enough to get the best results from their money-crops. The large-acreage gardener has the advantage that he can contract to supply a whole market, or a number of dealers, and the expense of growing and marketing grows less per acre, as the acreage in one crop increases. The best crops for handling in this way, if near enough to a market, are tomatoes, peas, beans and cabbage.

In each case there should be a division into early and main-crop, as, if of fine quality, you will get more for a combination of an acre of early, and one of main-crop, than of two acres of main-crop. If you have a market at your command, do not weaken it by overproducing too much early stuff, which will make abnormally low prices for the latter end of the early crop, in many cases away below what the main crop should start at.

By a little judgment you will be able to so feed in the latter portion of the early crop so as to make an apparent scarcity, so that the main-crop will start off at good prices. For the early tomatoes there are none better for market purposes, or for home use, either than Early June and New Stone. The New Stone is really an all season tomato, but by planting it in bud and bloom at the same time as the Eearly June, it will follow it so closely as to be the last part of the early season. You can then follow every two weeks with later plantings for main-crop, until you have enough for the whole season, cropping.

Staking Tomatoes

There has been considerable discussion in the farm papers during the past year as to whether it pays to stake acre plots of tomatoes. I think it does, if the stakes do not cost too much and can be made on the farm. Of a crop of tomatoes, grown on the ground, not more than fifty per cent are of the quality which, in a good market, would grade as "good," not to speak of "fancy" and "fine" grades —of which there would be hardly any. This is especially true on lime-stone-loam soil, but applies in the main to all.

Of course, on the small plot, all progressive growers use the trellis—or should, as they are cheaper, and better than the stakes, and give better results. But no matter which you use, you should keep in mind the reason therefore. Most persons suppose that the stake method of growing tomatoes was invented to keep them off the ground. That was the secondary reason, but the primary one was to make it convenient to properly prune and thin them out, and to make them easy to cultivate. If this could as well be done on the ground there would be no warrant for staking them up—when grown commercially. Make arrangements for such plants now as you will need, and if not growing them yourself, insist that they be grown stocky, and cool.

For the peas, use any of the early, second and main-crop varieties which do best in your section. They should be planted in rows wide enough apart so that they can be cultivated with horses, and the planting should be

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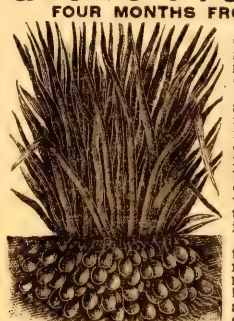
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strung along over the first part of the season so that you will have a marketable quantity for sale continuously up until the end of the season. This also applies to beans, but it is not safe to plant them so early as the peas. There is no reason why the handling of these three staple vegetables should be left to the professional market gardeners; the farmer can handle them just as well if he has the right kind of soil as a start.

Canning the Surplus

This is one of the coming things on the up-to-date farm. There need be no more "dumping" of crops on account of accumulation in certain centers. The telephone keeps the farmer apprised of the market prices, and if he has at hand one of the excellent home canneries, advertised in this paper from time to time, he will can up, on days when the prices are low, and relieve congestion. These canneries are not difficult to run—in fact any farmer's wife and daughters can manage them, and the product is in good demand.

The advent of these canneries has made a demand for a new species of food product, "farm-canned" goods. The farmer's reputation for honesty, and his distance from the laboratories make it almost certain that his canned goods will be pure, and as they are canned right out of the field, it is certain that they are fresh, and not hauled several miles from the field to the canning factory. There is a department store in an eastern city which handles all the output of a farm-cannery in Delaware, using up the product of a hundred-acre farm, and they can not get enough for their demand, although it sells for five cents a can above standard prices.

I am satisfied that there is enough going to waste in the average farm garden to fill a hundred cans of choice vegetables—or, is it two hundred—which are worth (No. 3 size) fifteen cents a can at the farm. If this be the case, and I am dead sure of it, what must be the waste on the acre-patch when the market takes a slump? Farm canneries are not expensive. In order that my readers may do some figuring on them, I give below some statistics as to an acre each of peas and beans.

Seed required for an acre of peas, 2½ bushels.

Yield, 250 bushels, in the pod.

Which should make 5,000 No. 2 cans.

For the beans the figures are the same, except that the seed required would be a little over a bushel. The result 5,000 cans, of No. 2 size. The labels are sold by the thousand and the price varies according to the paper market, and the quality of the lithographing. The label of the Delaware farmer spoken of above is simply a white strip with the words "Delaware Farm" peas, and the farmer's name and address. Almost every farmer could dispose of his canned goods to the people to whom he sells his garden stuff in summer. Try it.

SPRAYING NOMENCLATURE

Many persons who are not continually in the business of spraying trees get mixed as to the names of the different tools, chemicals, and operations used in spraying. In order that my readers may have them assembled together in convenient form, I will give them, with a short description of each. **Lime sulphur** is spoken of as, for instance, 18-18-50, which means, in the order named, that many pounds of lime and sulphur and gallons of water.

Commercial lime sulphur stock solution is spoken of as 1-30 solution, which means that one gallon of stock solution is added to 29 gallons of water to make 30 gallons. **Bordeaux mixture** is generally given as 4-5-50 mixture, which means so many pounds each of copper-sulphate and lime and gallons of water. The copper-sulphate is also known as **blue vitrol,** and **bluestone,** and forms the basis of all of the "copper sprays."

Arsenical sprays, or "arsenates," are used as insecticides. The ones most used are Paris-green, London-purple, and lead-arsenate. A "fungicide" is a spray used to kill a fungus disease on plants or trees. A "Vermorel" nozzle

6 YEARS' use has proven that **SAN JOSE SCALE** and all **FUNGOUS** diseases, controllable during the dormant season, are absolutely controlled by the use of

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Prices: In barrels and half-barrels, 50c per gallon; 10 gal. cans, $6.00; 5 gal. cans, $3.25; 1 gal. cans, $1.00. If you want cheap oils, our "CARBOLEINE" at 30c per gallon is the equal of ANYTHING ELSE. Send today for free Booklets, "Orchard Dividends" and "Modern Methods of Harvesting, Grading, and Packing Apples."

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To prove to the farmers everywhere that the subscribers to UP-TO-DATE FARMING get 25 to 35 per cent. more for their crops than others do we make this great offer. Send your subscription now, with the grain of corn coupon. You will receive all the high bred, seeds for crop improvement, named below:

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Has been bred and improved more than 15 years. The most productive white dent corn in the country. If your corn yields less than 100 bu. per acre on good ground send for this at once. Read extracts from letters: INDIANA, "Farmers Interest yielding 100 to 120 bu. per acre all over field." "50 acres averaged 98.96 bu. per acre." "Turning out 95 to 100 bu. per acre." KY., "Yielding 100 to 120 bu. per acre." ILL., "Good for over 100 bu. per acre." KANS., "Yielded 114 bu. per acre. Ears like arms of giants." TENN. "Largest, heaviest and best, 50 ears made a bu." IOWA. "28 acres yielded 2430 bu." MD. "Greatest ever seen. Has taken our country by storm." 600 grains will yield 10 bu. on good ground. Full description and complete testimonials free to subscribers.

1-2 Lb. Model Market

Potato and a secret process how to raise 3 to 5 times as much from a given amount of seed. Guaranteed. By our process you can raise 1 to 3 bu. from the half pound. MODEL MARKET is white, round to oblong, smooth, bakes or boils like white flour. Out yields Kings, Carmens, Rurals and Burbanks. The greatest yielder of all and the market's model. We give 1-2 lb. free. Think of the prices you have paid for New Potatoes before.

10 Pkts. Vegetable Seeds including a package of the largest, heaviest and most productive Pumpkin in existence. Read this letter: "Perhaps the greatest exhibit was 21 pumpkins grown on one vine. The total weight was over 1000 lbs. the average weight was over 50 lbs. This is what our paper printed about your mammoth pumpkins that I exhibited at our institute."—Mrs. Jas. Seeds, Lawrenceville, Ill. The other seeds are: Cabbage, C. W. T. and All Head; Beets, Columbia; Cucumbers, Everbearing; Lettuce, Everlasting and Early Curled; Radishes, Crimson Giant and Cin. Market; Tomato, O. K. First Early and Quarter Century. These seeds will give you the best garden you ever had.

10 Pkts. Choice Flower Seeds including one pkt. Pyrethrum, a large, showy plant which bears a profusion of delicate pink daisy-like flowers. The dried and powdered flowers make the famous Persian Insect Powder which, while harmless to people and animals, is sure death to bugs, worms, flies, mosquitoes, bed bugs, roaches, etc., on plants and in the house. Once sown last for years. The other 9 pkts. are Asters, Balsams, Carnations, Marigold, Pansy, Phlox Drummondi, Nasturtium, Poppy, and Sweet Peas. 10 Pkts.

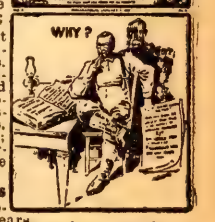
30 Big Cash Prizes Will be awarded to subscribers who plant these seeds. No exacting conditions. Full instructions sent with each collection.

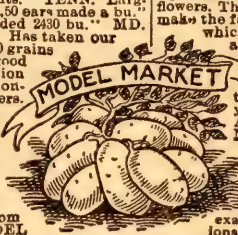
For Only 50 Cts. We will send Up-to-Date Farming one year and all these seeds postpaid. 24 big numbers. 22 different varieties, 22 packages.

Yours Free Send a club of four at 50 cents each, $2.00 (5 for the price of 4) and yours will be sent **Free**

UP-TO-DATE FARMING
Is published twice a month. It is the only paper in the world that has established a successful marketing system that insures for its subscribers higher prices for their grain, fruit, vegetables, cotton, poultry, eggs, butter, stock, etc. This service and systems are free to all subscribers. We make this offer to get your subscription at once

UP-TO-DATE FARMING,
Box 53 Indianapolis, Ind.





UP-TO-DATE FARMING,
Box 53 Indianapolis, Ind.

I enclose .....please send your paper a year and the GREAT SEED DISTRIBUTION FOR 1911. A condition is, that the money will be returned if everything is not as represented.

My
Name.....
P. O.....
R. R..... State.....
Attach paper for more names.

UP-TO-DATE FARMING,
Box 53 Indianapolis, Ind.

Don't Carry Water

after you have once pumped it. Throw away the obsolete wooden pump. Install one to force the water where you want it.



GOULDS RELIABLE PUMPS

have no chain to kink or catch on the tube, they are always ready to throw a big stream.

We make pumps for every requirement. Write for our free booklet, **"Water Supply for the Home"** It is full of suggestions on the subject.

THE CHAIN PUMP IS OUT OF DATE

The Goulds Mfg. Company
95 W. Fall Street
Seneca Falls, N. Y.

MAKE GARDENING EASY



It's a pleasure to make garden the **IRON AGE WAY**—no back-breaking and grubbing with an old-fashioned hoe if you have our No. 19C Wheel Cultivator and Plow. In five minutes you can do work that would require an hour the old way—that isn't all, you do better work and insure bigger crops. Cost $3.25. Has four attachments.

IRON AGE Garden Tools

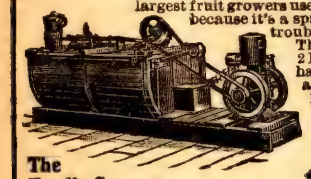
include a complete line of Wheel Hoes, Hand Drills, Fertilizer Distributors, etc. Prices, $2.50 to $12.00. A boy or girl can operate them. Write to-day for our 75th Anniversary Catalogue showing also potato machinery, orchard and other tools.

BATEMAN M'F'G CO.
Box 654
Grenloch, N. J.

35 YEARS IN BUSINESS

You Can Depend on These Sprayers

Don't waste your money on uncertain sprayers—the kind that are often out of order. The largest fruit growers use the "Hardie" because it's a sprayer with the trouble left out.



This Hardie No. 2 PowerSprayer has 150 gal. tank, all brass pump, 1½ h. p. engine. Weight 750 lbs. Price $180.00.

The Hardie Sprayers

are made in 25 different sizes and styles; prices $8.50 to $350. Our catalogue describes these sprayers, and shows you the best way to spray. It's free. Send for a copy.



Hand Outfit

THE HARDIE MFG. CO.
942 Mechanic St., Hudson, Mich.
also 49 No. Front St., Portland, Ore.

HURST SPRAYER ON FREE TRIAL

No money in advance—pay us out of extra profit. Sprays anything—trees, potatoes, vineyards, truck, etc. Pushes easy—high pressure. Guaranteed 5 years. Pay when you can—at wholesale price. We pay freight. Catalog and Spraying Guide free. Free Sprayer Offer to first in your locality.





H. L. HURST MFG. CO., 000 491 NORTH STREET, CANTON, O.

AS POTATO SPRAYER AS ORCHARD SPRAYER

CIDER PRESSES

THE ORIGINAL MT. GILEAD HYDRAULIC PRESS produces more cider from less apples than any other and is a

BIG MONEY MAKER

Sizes 10 to 400 barrels daily, hand or power. Presses for all purposes, also cider evaporators, apple-butter cookers, vinegar generators, etc. Catalog free. We are manufacturers, not jobbers.



HYDRAULIC PRESS MFG. CO.,
(Oldest and largest manufacturers of cider presses in the world.)
39 Lincoln Avenue. Mount Gilead, Ohio



CANNING FACTORIES FOR SALE

For Farms, Large Communities or Towns. 15 sizes. Prices $85 to $850. Capacities as high as 9,000 cans tomatoes or 20,000 cans fruits in 10 hours. TERMS: A per cent of pack, or 2 or 3 yearly payments, or for cash. Write for Booklet. THOS. M. BROWN, Springfield, Mo.

Tell them you saw the "ad" in Up-to-Date Farming

is one which is controlled by a valve, operated by the thumb, by which the amount and force of the spray can be controlled by the operator. It may have one or more outlets. The "rod" is the handle to which the hose and nozzle are attached, and generally is of bamboo-being light in weight. In the bottom of the tank or barrel containing the spraying solution is a set of revolving paddles known as an "agitator," the function of which is to keep the lime in solution so that the spray will be of even consistency, otherwise the lime would settle to the bottom and not be passed through the nozzle at all. With this information any one should be able to read articles on spraying intelligently.

LOOK TO THE SPRAYING

The time for "dormant" spraying is now here. It should not be delayed a minute, unless in case of late hard freezing, which will not likely last more than a few days at a time. Remember that if the spraying is done early in the day, so that the surplus moisture is dried off by night, a freezing night will do no harm, if there be no buds started. Make this spraying as thorough as possible, as it is the last chance for such a spraying until the leaves drop in the fall, and during this interval, if any scale is overlooked, they will be breeding in countless numbers and preying on your trees, and making work for you for next winter.

IS THERE DANGER OF OVER-PRODUCTION

This matter has had a wide discussion during the past winter and I want to now take my "whack" at it. The talk about over-production is as baseless, as regards fruit, and especially the apple, as was the discussion among the craftsmen, such as tailors and shoemakers, when the ready-made kinds of shoes and clothing came into vogue. The cry was, that there would be such an over-production that there would be no room for the tailors, but the truth is that skilled tailors are scarce—there is such a demand for them. The result of the production of fine clothes and shoes by the factories was the education of the people to wearing better clothes, and a larger percentage of them wear tailor-made clothes now than ever, while the largest shoe-makers in the world, have a custom department which is larger than the whole factory of their next rival in size. When I was a boy custom-shoes cost $9.00 a pair. Better ones now can be had, with rubber heels, for $4.00. So it will be with apples. The advance in methods of culture will decrease the cost of production, and increase the demand; and the profit to the grower, while, perhaps, not as much per bushel, will be greater in the aggregate, as he will grow more bushels a season. There will never be a glut of good fruit, at fair prices, if marketed under THE PRINCIPLES of EQUITY—never!

The Small Package Has Come to Stay

You all know how I have been urging in this department the use of the standard apple boxes, in order that there can be created more of a direct family trade in the east. I feel from the reports that have reachd me that in the east the small package has come. Thousands of them were used the past season by the apple growers of Virginia, West Virginia, and New York, and they took so well that many of the foremost growers of New England and Pennsylvania will use them next season. When families get to keeping boxes in their cellars, they will eat several times as many apples as when they have to buy a barrel at a time or by the small measure.

There has also been invented a series of paper berry crates and quart boxes, holding eight, sixteen or twenty-four, for family trade. They are "gift" packages, costing but half as much as do the wooden ones, and the berries look more attractive, and sell at better prices. It is the temptation to use old chip baskets which makes many farmer's berries sell so slow—they are not tempting to the housewife. What is more incongrous than a fine, large strawberry in a dirty, old, chip basket?

About Our Advertisers

I want to say to our readers that we believe that all our advertisers who have their advertisements in this department are reliable, and when you need anything in their line, write them, saying that you saw their add in UP-TO-DATE FARMING, and you are sure of the best possible attention, and right prices. Give them the preference. They will serve you well.

They Moved From the Farm

(Continued from Page 15.)

on the back porch speculating on whether or not he could afford to buy the pig a little corn to go with his swill, a policeman came around the corner of the house.

"I guess you'll have to come along with me," he said good naturedly. Captain Ellis got up with a surprised look on his face, reached for his hat, and followed the policeman out to the gate.

"Climb up on the front seat," the officer said, motioning to the patrol wagon that was standing at the side of the street. "Now for the pig," he went and turning to one of his brother officers, who was standing guard by the wagon.

Together they went around the house and picked up the pig. The plumber was away, fortunately, for the things he might have said if he could have heard a real volley of squeals from a thoroughly aroused and angry pig might have given the neighborhood a bad name. But piggy, in spite of his objections, was bundled into the patrol wagon and he and Ezra were driven off to the police station.

It was about an hour later that Ezra came into the house, looking rather sheepish. He walked up to the table and dropped a fifty-cent piece into the sugar bowl, which was the receptacle for the family change.

"It's the balance on the pig," he explained in answer to his wife's questioning look. "They fined me fifteen dollars for keeping a pig inside the city limits, and made me sell the pig. The butcher gave me fifteen dollars and fifty cents for him. He looks quite like a hog since he ate the batter." His mouth widened into a grin, and then the corners turned down again. "It'll be awful lonesome without him," he said.

"Why, Ezra!" his wife cried in tragic tones, "we just can't live without that pig."

Ezra slipped down in his chair in a dejected attitude. "If it wasn't for working you so hard, Ma," he ventured, "we might—"

"Work," his wife exclaimed, "who was it that wanted to come to town to get out of work? You know work never hurt me. It's this everlastin' doin' nothing that's killin' me. But you could never stand it to go back to the farm, Ezra?" There was a note of anxious inquiry in her voice.

For answer Ezra jumped up and executed a waltz around the table.

"We'll go right back there, seed down the farm and raise pigs!" he cried.—Clifford V. Gregory, in Successful Farming.

The O. K. Champion Planter deserves the attention of our readers. Through the dealers who supply it, the manufacturers guarantee satisfaction to the buyer and user of these machines. They also supply a line of potato machinery, including the Champion Sprayer and the Champion Digger. Send for free information to Champion Potato Machinery Co., 107 Chicago Ave., Hammond, Ind.

One man has solved the "hatching" problem for himself and thousands of others. "Jim" Rohan makes only one size incubator and one size brooder. He finds, he says, most people prefer that one size and mose people succeed best with it. Get this man's ideas on hatching and raising chickens. Send for free catalog to Jim Rohan, Pres. Belle City Incubator Co., Box 79, Racine, Wis.

Play the violin or any other instrument? Want a really fine instrument at a moderate price. Write for the beautiful catalogue, printed in colors, of E. T. Rost & Sons, 186 Patten Bldg., Chicago. It's free.

A Bad Ham

"The ham I bought heah yisterday was shore bad," said the darkey to the Arkansas merchant.

"Why, Joe, that can't be," said the merchant; "that ham was cured only last week.

The darkey scratched his head and looked puzzled. Then he looked up quickly, as a new light shone in his face.

"Well, I tells you sir, that ham's had a relapse."

Strawberries From Seed

RIPE FRUIT IN 4 MONTHS



This Wonderful Everbearing Strawberry is a great curiosity. It grows rapidly, and will begin to fruit in about 4 months after sowing seeds, and continues to bear fruit constantly all summer and fall, ½ pint of berries having been picked from one plant as late as October. Seeds sown in the house in winter will produce early fruiting plants which will bear until late in fall, and if taken in the house will fruit all winter. Plants perfectly hardy everywhere.

For only 10c we will send 100 Everbearing Strawberry Seeds in a 10c Rebate Envelope and when empty envelope will be accepted as 10c payment on any order for seeds in our 1911 Catalogue, which is included Free.

SMITH BROS. SEED CO., Box 637, AUBURN, N. Y



TO-NIGHT

IS THE NIGHT—TO WRITE THAT POSTAL TO ME! YES, SIR; MAIL IT IN THE MORNING—BY FIRST POST

I WILL SEND YOU **4 Things—All "Corkers"** ON THE MANURE SPREADER SUBJECT

They'll Open Your Eyes

1—My Four-Color Spreader Catalog
2—My New Net Results Bulletin
3—My Photographic Spreader Album
4—My Sizzling 1911 Announcement

Chock full of Good Stuff

I don't care what prejudiced dealers (who are sore because they can't get from 30 to 50 per cent rake-off) may tell you about my machine. There never was nor is there today a Manure Spreader on the market at any price that will haul as much manure with as little resistance to man and team as the Galloway, and we let you prove this yourself by a THIRTY-DAY TO TWELVE MONTHS FREE TRIAL against the whole field.

In addition to the best Spreader, I have the Best Price Proposition

a factory with an annual capacity of 40,000 complete machines can make. Here's what I charge you—my 1911 prices are based on—

FIRST—The actual cost of material bought in tremendous quantities.
SECOND—The actual cost of our pay roll every Saturday night.
THIRD—One very small profit, based on this tremendous quantity and sold direct to you.

That simply is the secret of our low price. I don't need to make much on each one, do I? Figure it out for yourself. I make them all alike on automatic machinery with dies and jigs turning out thousands of perfect pieces all alike with the same operation on huge, expensive machinery, and that's the whole story. When you consider how I make these machines, then the quantity, then the system on which I sell them, there is no wonder that nobody can compete with me, and they never can compete with me unless they make them in the same way and sell them in the same manner. I can sell them to you for less money than some factories can make them at first shop cost.

The quality is there, too, and don't you forget it. Our trial to you will prove that.

Just write me that postal card now—tonight—for full information and particulars.

You'll be pleased with what I have to tell you on this spreader subject.

My 1911 offer surpasses all previous offers. I don't care what spreader you are figuring on buying, you can't afford not to get my proposition first.

WM. GALLOWAY CO. 509 GALLOWAY STATION **Waterloo, Iowa**

1,000 TELESCOPES
ALMOST GIVEN AWAY



Thousands of Testimonials—Read These Reports. Results are Wonderful.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the telescope over into the Kansas Indian reservation, nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that can not be seen with the naked eye; can see the color and count windows with the telescope.—F. G. Patton, Arkansas City, Kas.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope all right. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Manuel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kas.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain, which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another.— G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture one-half mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Cal.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Cal.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honson, Meridian, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange. Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

I wish to say that I never saw such a bargain. I am sure it is the best dollar investment I ever made.—Mathias Brown, Batavia, Ill.

I think it is better than a five dollar telescope. I am sending for another for a friend.—Thomas Mosman, Huffard, Iowa.

Received telescope all O. K. and am well pleased with it. I am sure it is worth the money I paid for it.—B. F. Payne. Vigo Park, Texas.

Received telescope and think it fine. It is a beauty.—Norman Kulow, Groveland, Mich.

We are very much pleased with the telescope.—Nick M. Christiansen, Charlotte, Iowa.

SEND FOR YOURS IF YOU WANT ONE

WHEN OPENED MEASURES 3½ FEET LONG—GREATEST TELESCOPE OFFER EVER MADE—OPPORTUNITY OF A LIFETIME TO GET A GUARANTEED INSTRUMENT

This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



A Kansas Farmer Counting Stock Twenty Miles Away.

Positively such a telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens to 3½ feet long,** in five sections, circumference 6 inches. They are brass bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishing clearness.

The "Wonder" telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.



Could Discern Boats from Five to Ten Miles Away.

Buy Your Boy a Telescope

Interest him in the study of the planets. **Let him experiment** with lenses and reflectors. **Some genius will harness the sun** some day and with his warm rays heat our dwellings and generate the steam that runs our factories. **It may be your boy, if he is given** a few ideas now to think about.

There are always many new and interesting changes in the Planets, Eclipses, etc. **You need a telescope to study them. The only question** for you to consider is: **Do you want a telescope?** Do you **want to see things at a distance?** Do you want to study the Planets? **Then trust in us implicitly,** and send us your order, and **we will guarantee you perfect satisfaction or money refunded.**

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

No matter what you think about the price, you will be surprised with the "Wonder" telescope; every body is. Of course, you will think we can not deliver a good telescope to you for this price. But we guarantee to do it or refund your money.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be the first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers. Over 5,000 of its readers already have a "Wonder" telescope. We want to introduce it to 5,000 more.

FOR BIRTHDAYS Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

Peoples Wholesale Store, Dept. K, Indianapolis, Ind.

Today Mail This Coupon

You will be surprised and delighted with the "Wonder" telescope. If it does not please you all you have to do is to return it and back goes your money.

Write to These People; Don't Take Our Word for It. Read What Others Say.

Received the "Wonder" telescope and it certainly is a dandy. It is all you claim for it and then some. I trained it on the Buttes, near Chadron, 28 miles away, and they looked as though they were only about 2 or 3 miles instead. I can count the stock in one farmer's yard 4 miles away. And tonight I watched him drive up his stock at sundown.—Chas. A. Storey, Ft. Robinson, Neb.

I wish all to know how satisfactory the "Wonder" telescope is. Our farm is on a hill and we can see ten miles away. Can see the city of Elgin and count the windows in each house which can not be seen with the eye.—Henry Conner, Manor, Tex.

Your "Wonder" telescope received some time ago. I am more than pleased with it for the little amount of money. Send me one-half dozen by express for money enclosed.—G. C. Paul, Gregory, S. D.

I received telescope and was very well pleased with it. It was just as you advertised. Well worth the money.—Otto Hudres, New Albany, Ind.

I received telescope sometime ago. It's a dandy. I do not think it is, or can be surpassed by any glass. I showed it to one of my friends the other day, and he liked it so well that he wanted me to get him one like it.—John N. Kurtichanor, Chitwood, Oregon.

I received the telescope and tried it to my satisfaction. Live six miles from McDade and can see the children playing in the school yard. It is really finer than I expected.—P. H. Henington, McDade, Tex., R. 2, B. 25.

I received my telescope all right and am well pleased with it. I have had a heap of fun with it. I could have sold it several times but would not take twice what it cost. —Jay W. Thompson, Voss, Tex.

Received the "Wonder" telescope in good shape and am well pleased with it.—P. H. Tona, Milltown, Ind.

Telescope is at hand and it is a beauty. Would not take ten dollars for it.—Stanley Sheppard, Fonde, Ky.

I received the telescope and am very much pleased with it. It is well worth the money I paid for it.—Roy Bennet, Charlotte, Mich.

Received telescope O. K. It s a beauty and I like it fine. Arthur Harms, Ranola, Ill.

Received my telescope O. K. I am well pleased with it. Accept my thanks for same. I think it is a bargain for the money.—Frank T. Peterson, Atlantic, Iowa.

Received telescope all O. K. I am much pleased with it.—Wm. Wagner, Moline, Ill.

I received the telescope and was very well pleased with it. It is very nice. I think it is just as good as one that costs more.—A. C. Sillibridge, Cross Fork, Pa.

I received your fine telescope today.—Daniel J. Kane, Montrose, Pa.

I received the telescope. I think it is well worth what it cost.—G. W. Hurst, Wellons, Colo.

The telescope I received is all you claim for it. I am well satisfied with it and so are all who have seen it. I have great pleasure in looking at the neighbors' houses and near cities and towns. Yes, I am well pleased with it. It is almost worth ten times the money I paid for it.—George Mihlberger, Olensville, Tex.

I would not take what I paid for it.—Herman Korneman, Cameron, R. R. 1, Mo.

The telescope is just as you represented it.—D. L. Gregory, Hurley, Okla.

I received the telescope all right, and it proved to be satisfactory. I am well pleased with it.—Mrs. Bessie Houston, Jamesport, Mo.

PEOPLES WHOLESALE STORE, Dept. K, Indianapolis, Ind.

Enclosed find $..... for which send me one "Wonder" telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

The Illustrated Companion and
THE ASHES OF LOVE
By Charles Garvice
The Matchless Magician of Fiction



Only 10 Cts.
Unparalleled in Interest
Unequalled in Its Thrilling Situations!
Unsurpassed in Dramatic Intensity, this Marvelous Story of Love, Mystery, Intrigue and Adventure Holds the Reader Spellbound. We Follow Hero and Heroine with Breathless Interest.
On two continents we watch the battle between VIRTUE AND VILLAINY—HONOR AND RASCALITY—JUSTICE AND KNAVERY.
By the magic art of the author we are transformed from mere readers and become actual participants in a drama which stirs every fibre of our being and sends the blood coursing like a mill-race through the tense arteries of a spellbound body.
Old Conventionalities Scorned! The Commonplace Spurned!
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BEAUTIFY THE HOME GROUNDS

EVERY home should be surrounded by a nice lawn, made smooth and well seeded to bluegrass or some suitable lawn mixture, and then it should be kept smooth by the frequent and faithful use of the lawn mower. With this in view, the place for the flower beds and the shrubbery should be well chosen. They should be so arranged as not to materially break the lawn expanse or to make the operation of the lawn mower difficult. We like an unbroken lawn. The shrubbery should, therefore, be arranged around the edges, and the flower beds in nooks and corners where they will not interfere. This requires judgment and taste like any other piece of work the principal purpose of which is to add beauty to the scene. The flower beds must not be tucked away as though that was the only place that could be found for them, and yet they can be put in positions where they seem to occupy honored places and where one would naturally look for them, and yet not interfere with the smooth and broad expanse of the lawn. If the lawn is large enough to have walks through it, flower beds may be very tastefully arranged at the intersection of these walks.

Trees about the home add much to the beauty of the surroundings. We have in mind now a farm home that has two large Norway spruce trees in the lawn. These trees were planted about twenty-five years ago as they came from the nursery. They have had no care since except protection from harm, and now they are not less than fifteen feet high, sit directly on the ground, and are regal beauties.

FLIES IN THE HOME

THERE are flies in the country, and there always has been, and perhaps always will be. They are a pest in and about the home, and we earnestly favor their destruction and exclusion from the kitchen and dining room as well as from the parlor. We do not suppose there are any more of them nor that they are any worse than before the "doctors" discovered much bad about them, but they are not needed in the house any way. It is not very expensive to screen the doors and windows, and farm homes need these screens even more than the city homes do.

Houseflies have their origin in filth. They breed in decaying stuff of any kind. Keep the premises well cleaned up. The barn and stalls where stock is kept are ideal fly nurseries, and these should be kept clean to destroy the early home of the flies as well as for a hundred other reasons. A little lime sprinkled on the floors after each cleaning helps to purify the air and make the cleaning more effective. Do not use enough, however, to affect the hair of animals that may lie down on the floor. A little dry bedding, which ought to be put in anyway, obviates all danger. In fact there is no danger on the farm, for farm animals are seldom kept up at night during warm weather. The point is to minimize the number of flies, and keep them out of the house as much as possible.

While talking about the fly we may say that professors of flyology tell us that there may be from twelve to thirteen broods in a season, and that every female fly may become the parent of a sextillion of flies in a spring and summer. Here are the figures, 1,000,000,000,000,000,000,000! You may read them, but you can not count them. Figures don't lie, you know, but flyologists may.

Works Both Ways

"He knows all the best people in town."
"Why doesn't he associate with them, then?"
"They know him."—Cleveland Leader.

TO BE A FRIEND

It takes an unselfish person to be a friend. Friendship is not a tax, but the friend is always ready to give more than he or she receives. Friendship implies truth and confidence. Without it there can be no friendship. We confide in our friends. This means loyalty. Do you trust your friend, and may your friend trust you? The sweetest thing about friendship is that we may confide in our friend. We all have secrets, secrets perhaps, that concern ourselves alone. How sweet it is to have some one with whom we may share them. That person is our friend, and how mortified would we be were that friend to betray us. Would it be any less culpable, were we to betray a friend?

We do not know whether friendship is made or not. There seems to be a community of soul, a something in the make up, not of the body, but of the spirit, that makes people friends. It it a sacred relationship whose breaking brings tears. "They have been lifelong friends," is a noble compliment to both.

The Lexicon of Sport

"Pa, what is a football coach?"
"The ambulance, I suppose."—Pittsburg Observer.

THEY SAY

If apples are dropped into water containing a little lemon juice, they will not turn dark after being peeled.

A crust of bread dropped into a pan of frying grease will prevent the grease from burning.

Ink spots on linen may be removed by dipping the article in melted tallow. Wash out the tallow, and the ink stain is gone.

Stop holes in granite ware with putty. The putty hardens at once, and the vessel may be used as soon as mended.

A panful of lime kept in the cupboard will prevent jams and preserves from molding.

A teaspoonful of vinegar added to the water in which corned beef is boiled will aid in making the meat tender.

A few drops of ammonia added to the water in which cut flowers are placed will keep them fresh for a much longer time.

A little milk added to the dishwater is better than soap in cleaning china.

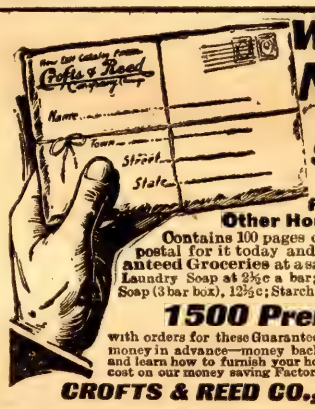
Peel onions under water and they won't hurt the eyes.

A teaspoonful of baking powder put in mashed potatoes, after which mash until thoroughly mixed, will make them light and flaky.

Most Difficult Ship

Ships are hard to sail,
Be careful how you stear;
Oft when you think you're clear
Is when you surest fail.

But of all the ships, I fear,
On ocean wide
Or human tide,
Courtship's the worst to stear.


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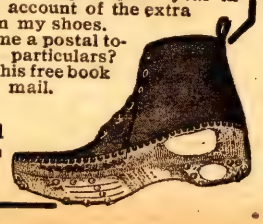
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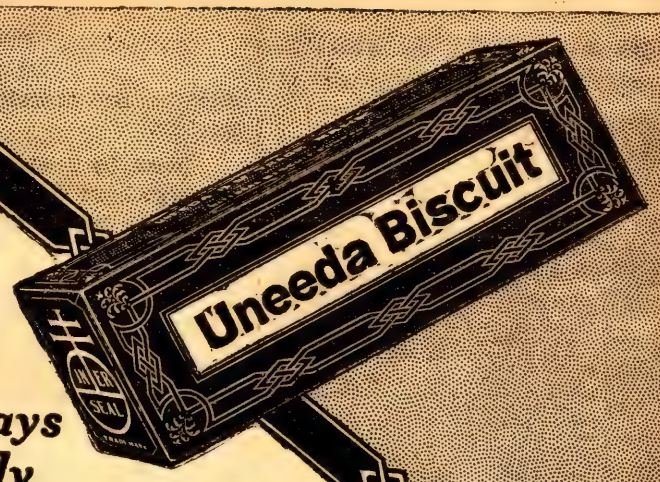
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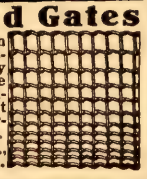
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1911 Convention—State Meetings

(Concluded from Page 1)

education and organization in co-operation with the State and National headquarters.

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This fair land of ours—its hills and valleys and plains—has produced wealth more than enough to make every one of you wealthy. But you know this wealth has not gone to its creators, but to a few who have set themselves up between you and a hungry world. And you should know that the longer you permit this, the firmer the shackels will be welded on you and the more difficult it will be to throw them off.

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The State meetings will not be confined to members of the Farmers' Society of Equity. We want actual farmers, land owners or renters, of all degrees, to take part in this movement. Also friends of farmers who will honestly help to improve the conditions of marketing crops and loyally fight for farmers protection will be welcome.

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I vote for the State meeting to be held at .....on or about.....1911

I nominate the following from my county to attend the convention:

Name .....Address .....

Name .....Address .....

I recommend that you secure this person as one of the speakers at the meeting:

His Name ..... Address ..... Business or profession.....

My Name .....P. O. .....County .....State.....

PHOTOGRAPHIC DEPARTMENT

Up-to-Date Farming is always on the alert for new things that will be of interest to its readers so it is with much pleasure that we announce we have made arrangements with Mr. H. H. Church, of Des Moines, Iowa, to take charge of our photographic view department.

Mr. Church is an expert photographer of wide experience and has associated with him a corps of picked men whose equal would be hard to find.

It is our purpose to publish some attractive pictures of scenes taken right on the farms of progressive farmers and if Mr. Church or any of the men should call on you with the request to take a picture of your home, barn, stock or any particular piece of scenery, that in their judgment would be of interest to us we will greatly appreciate it if they are permitted to do so.

We may not be able to publish every picture secured but in case you desire some pictures for your own use we have given Mr. Church permission to make you as many as you wish at a very nominal cost.

The first corps of photographers to enter the field is headed by Peter G. Swanson, assistants are C. C. Dawson, C. E. Black, P. C. Harvey and Thomas Smith. This corps has been assigned to Nebraska.

A Dear Paper

DEAR EDITOR:

I now send you another club. I think it is a dear paper and I will do my best to increase its circulation.—Rosa Wells.

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Kitselman Fence

Made from thoroughly Galvanized Open Hearth steel wire. Our Free Catalog shows 75 styles and heights of hog, farm and poultry fence at from

13¼ Cents a Rod Up

Sold on 30 days free trial. If not satisfied return it at our expense and we will refund your money. 80-rod spool of Ideal galvanized

BARBED WIRE $1.45

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Heaviest Fence Made Heaviest Galvanizing

We make 160 styles. Horse cattle, sheep, hog, and bull proof fences made of No. 9 double galvanized wires and absolutely rust proof

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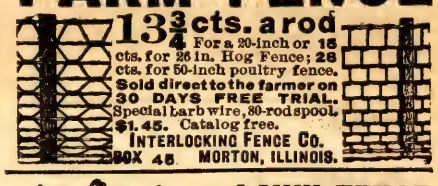
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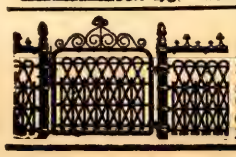


13¾ cts. a rod

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Sold direct to the farmer on 30 DAYS FREE TRIAL. Special barb wire, 80-rod spool, $1.45. Catalog free.

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to all who trade here—write our advertisers. See guarantee of advertisers in this issue.

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If you will mention this paper every time you write an advertiser even tho' you see the announcement in some other paper also it helps us. In turn we can make a better paper to benefit you. "Every little bit helps." Will you?

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

One thousand Cadets of Equity! Helen Gough, of Montana, makes it 1,000. What a powerful influence for good one thousand enterprising and progressive young people can exercise! We have suggested several ways in which they can make their power felt, but we can think of no more certain way than in inducing more people to read Up-to-Date Farming. In that way they bring to that many more farmers new truths of great importance of agriculture that farmers can get no where else. Many of the Cadets are doing that. I wish all of them would. We do not ask them to do it for nothing. We make several very liberal offers, and those who get subscribers may practically choose their own reward.

DEAR CADETS: I have been a reader of the Cadet letters for some time, and have never noticed any letters from teachers, so please consider the admission of a little Indiana school ma'rm. I have a nice little school of 23 pupils, and I certainly enjoy my work with them. We have seven weeks of school yet (Feb 11), and then I expect to go to school for three months. I took a trip to Colorado last spring to visit my sister, who lives in Longmount, Colo. I certainly had a lovely time while there. We took several trips to the mountains, and on one trip I climbed up the mountains 2,800 feet. Hoping to hear from some of the Cadets.—Hazel F. Parker, Medaryville, Ind.

I fear you don't read very close, Miss Hazel, for some of our best letters have been from teachers. I am always glad to get them, for I think the future welfare of the country depends upon its mothers and its teachers. The next letter is from a teacher also.

DEAR CADETS: Of late I have become very much interested in Up-to-Date, especially the department for young folks, whose letters I enjoy very much. I graduated from high school last spring, and have been teaching my first school this winter. I teach almost 20 miles from my home, but I rather like the work, and I hope to attend school again soon. I have a brother two years older than myself, and he and I think of going west next fall to teach. I think we would enjoy it, for we are both interested in western life. My home is in LaPorte county, Indiana, and I miss the company of my brothers and sisters so much, for we always have such good times. I will be glad to hear from some of the Cadets.—June Jessup, McCoysburg, Ind.

To go west would be to break up the home nest; I think that should be well considered before doing it. Of course a family can not always stay together, and that is the saddest thing about it, and enterprising young people must be expected to reach out into the world, but the consequence should be duly weighed before the break is made.

DEAR CADETS: Will you allow a young man from the Buckeye state to enter your happy family? While perhaps older than most of the Cadets, I am not too old to appreciate the opportunity the young people have of becoming acquainted with each other through this noble paper. We have taken Up-to-Date for three or fouur years, and will continue to take it as long as it champions the rights of the farmer. Mr. Everitt is certainly having his hands full educating the farmers up to the point of controlling their marketing and setting a price on what they sell. It is up to the young people to work hand in hand with him and help him to accomplish his great purpose. It is for our benefit in the future. I am 23 years old, and would be pleased to exchange cards with Cadets near my age, especially with Edna Taylor, Empire, Mich.—Fred C. Fish, Monroeville, O.

DEAR CADETS: I do not take Up-to-Date, but my sister does and I think it a fine paper. I love to read the Cadet letters. My sister wrote not so very long ago, and said she would like a post card shower. She certainly got it, and she appreciates it very much. I would like to hear from all the Cadets, both boys and girls. I was 17 March 5. We were taking Up-to-Date when we lived on a farm, and it proved to use a very important paper. We lived on a farm of 840 acres in southern Illinois, but we sold it and came to Webster Groves. I often think of the good old days on the farm. I love music and have a piano; my brothers play the mandolin and violin with it, and we certainly can pass some jolly evenings. I like to sew too. I would like to go out west, as I have an uncle in California. I may go next fall. I would like to hear from the Cadets in the west.—Sarah Okio, Webster Groves, Mo.

The paper comes out a little too late for your birthday.

DEAR CADETS: I am 18 years old, and live on a farm of 320 acres in Stafford county, Kas. I have been reading Up-to-Date for about three years, and I think it a fine paper, but I enjoy the Cadet letters best. My oldest sister teaches school, but I am a farmer and like the business very much. We have had very nice weather this much of the winter. We have 11 horses, eight cattle, 30 hogs and pigs, and about 100 chickens. I would like to correspond with some of the Cadets. —Clyde Sanford, Stafford, Kas.

DEAR CADETS: I am a little girl nine years old, and live with my parents and a brother and a little sister on a farm of 240 acres. We have four head of horses, one milch cow and two Jersey heifers that I claim for my very own, and I lead them about and play with them the same as I would with a pet dog. I feed them and take care of them, and they will be mine when they get to be cows. We also have 150 chickens, and four turkeys, and we raise most all kinds of grain and vegetables. We read Up-to-Date Farming and think it grand. It is a beautiful place where we live. There are two large Norway spruce trees in front of the house that look like two great green hay stacks sitting on the ground, and all around is a beautiful green lawn that we keep mowed close and smooth all summer. Even now the lawn looks like it was covered with a soft, green carpet. There are also some large cedar trees about the place that make it look fresh and green all winter. I will exchange cards with any of the writers.—Pearl Roberson, Dahlgren, Ill.

DEAR CADETS: I am a North Dakota girl, 12 years old, and I live on a farm of 160 acres. Antelope creek runs past our place, and every summer we wade in it. We get Up-to-Date Farming and we all like it. It is a nice paper. I just love to read the Cadet letters. They are very interesting to me. We have six months school, three months in the fall and three in the spring. The weather has been very good out here except a few days in January. I would like to exchange cards with the Cadets.—Harriet Waldorf, Goodall, N. D.

DEAR CADETS: I am a Buckeye boy, 19 years of age, and the oldest of five brothers and one sister. I live on a farm of 105 acres of as good soil as there is in this country, but I don't think the soil is as rich here as it is in some other states. We raise principally corn, wheat, oats and hay. I have two horses of my own. The summers are fine in this state, but I do not like the winters. I like to read the Cadet letters, and will answer all the cards I get, but I would specially like to exchange with Edna Taylor, of Michigan.—Wesley Henry, Ashley, Ohio.

DEAR CADETS: I hope you will all be glad to have me join in with you. We have two farms, each of 150 acres. They are about four miles apart. My father works both of them, but, of course, we grow more crops on the place where we live. We have stock on both farms. I am fond of horses and can handle them all right. I certainly enjoy horseback riding. I am 19 years old, and I am not going to school this winter, for the district has been changed so as to make the school house two and one-half miles from us. I would like to exchange post cards and letters with the Cadets, as I do enjoy reading and answering cards. Please describe yourselves when you write, as I like to know what my Cadet friends look like. I would also like to know what kind of work you do.—Grace Mardis, Falmouth, Ky.

DEAR CADETS: Here is another Canadian girl who wishes to join the Cadets. We have taken Up-to-Date for about three months, and think it fine. We live on a farm and we keep a dairy. I go to school, which is only a quarter of a mile from home. I am in the seventh grade, and like my teacher very much.—Jeanne Lavoie, St. Boniface, Manitoba, Can.

DEAR CADETS: I have been reading Up-to-Date for some time and like it fine. I live on a farm of about 200 acres in southwestern Ohio, but my native state is West Virginia. My father moved here over four years ago, and we like this state splendid. We have 20 head of cattle, two horses, two colts, 53 sheep, 8 hogs, and about 100 chickens, and we get lots of eggs. They are 20 cents a dozen at present (February 11). The principal crops of this part of the state are wheat, oats and other grains, also hay, apples and potatoes. I have two brothers and five sisters, and we attend school a mile from home. Miss Ethel Irwin is our teacher, and we admire her very much. I am 14 years old and would like to exchange cards with the Cadets, especially with Clarence S. Stev-

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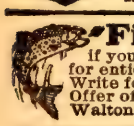


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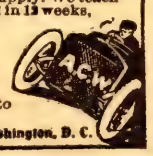


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ens, of Indiana.—Clarence Buchanan, Gallipolis, O.

DEAR CADETS: I am nine years old, and live on a farm in Illinois. I never lived in town except during short visits, but I think I like country life best. I love music, and I expect to commence taking lessons soon. My sister plays nicely. I have made a club of 28 subscribers for Up-to-Date, and received a beautiful reward from Mr. Everitt, and I thank him again and again. I will be glad to exchange mail with any of the Cadets.—Gladys Brady, Wyoming, Ill.

DEAR CADETS: I am a Tennessee girl, 15 years old, and my father owns a store and a post office, and also 600 acres of land. So I live on a large farm, and I like farm life. We have mules, horses, cattle, hogs, sheep, goats, chickens, ducks, and almost everything in the stock line. I am staying with my cousin going to school. She takes Up-to-Date Farming, and I enjoy reading it very much. I will exchange cards or letters with the Cadets, especially with McClellan Fancher, of Ohio.—Addie Morton, Tarlton, Tenn.

DEAR CADETS: I have been reading your letters for some time, and I would like to join you. My mother has taken Up-to-Date for some time, and we all like the paper very much; we think it the best farm paper we ever took. I am 19 years old and live on a farm of 80 acres. Cotton, corn, kaffir corn, and fruit are our principal crops here. We haven't had any snow in Oklahoma where I live this winter. I don't like so much dry and hot weather. We haven't had a rain since August, and crops of 1910 were a failure. I hope it will be better this year. I came from the Ozark mountains in Missouri two years ago. I think all the Cadets ought to get subscribers for Up-to-Date, and get some of Mr. Everitt's beautiful post cards. He is doing us a great favor; let us return the favor. I sent for cards there and was more than pleased with them. Everybody that saw them wanted them. I got six subscribers in no time, and sent them in a few months ago. I would sure be pleased to receive cards or letters from any of the Cadets.—Fred Hilsabeck, Stillwater, Okla.

A THOUSAND CADETS OF EQUITY

That's a pretty big class of progressive young people.

Easter, April 16

Easter is a great day all over the Christian world.

Easter is the day when People remember their Friends.

Easter Post Cards

The United States mail will be full of Easter Cards all the week before Easter. They will be going from Friend to Friend.

We want the Cadets to have all they can use of them in that Good Way.

We have the Cards and we will send them to you FREE.

Do a little kindness to your neighbors, and we will send you the Cards.

Ask Four of them to give you 25 cents each for a year's subscription to Up-to-Date Farming. Send us the names and addresses and the dollar. Then besides sending the paper to each of them for a whole year, we will send each one of the subscribers fifteen (15) of our beautiful Easter Cards, and

We will send you that sent us the Club and the Dollar

FIFTY OF THE PRETTIEST EASTER CARDS YOU EVER SAW.

Cadets, isn't that eough to make every one of you get busy for one hour or two?

Do it right now, so as to get the Cards for Easter.

UP-TO-DATE FARMING, Indianapolis.

DEAR CADETS: I am a farmer's daughter, and have lived on a farm all my life. My mother died when I was only 11 years old, and left besides myself, four brothers and a little baby sister. I have kept house ever since she died, and I can do any kind of work, I can milk, and I do all of our sewing, and you can just bet I am a good cook. I certainly do enjoy reading the letters, and we all think Up-to-Date is a fine paper. Papa says he would not be without it. I am 17 years old, and I hope all the Cadets will think of me and write.—Edith Phillips, Pleasant View, Va.

DEAR CADETS: I can truly say Up-to-Date is one of the most helpful and interesting papers that come into our home, and it is indeed a welcome guest. I am a farmer girl of the whistling type, and that does not imply that I am immodest, but that I am very happy. We have a beautiful country home, just two miles from the county seat of Hickman county. I am not afraid of work, and I am proud my mother educated me from the kitchen to the parlor. I can prepare a real nice dinner, make my own clothes, play the piano, or paint a handsome picture. I once read a letter from a Cadet that had my full name, and she proved to be a most interesting friend and correspondent. I will exchange letters or view cards with any of the Cadets.—Glenna Maye Jordan, Moscow, Ky.

DEAR CADETS: I am a farmer's daughter 10 years old, and I live on a ranch of 5,500 acres, of which we farm 1,000 acres. We have 500 cattle, 85 horses, 850 hogs, 200 chickens, 10 turkeys, 5 geese, 30 sheep, and a little pony and a two-seated rig. We raise corn, barley, alfalfa, artichokes and oats. We milk 40 cows. I take Up-to-Date Farming and like it fine. I would like to exchange cards with any of the Cadets.—Catherine Robbins, Los Alamos, Cal.

I close the letters in this issue with letter number 1,000—the Cadet writers are now one thousand strong, and that is quite a large company.

DEAR CADETS: I am originally a Missouri girl, but I will have lived in Montana five years next May. I live in Sweet Grass county, three and one-half miles from Big Timber, the county seat. My father owns 160 acres here, and still owns a farm of 106 acres in Missouri. My mother sent Up-to-Date to my married sister in Idaho, and to my aunt and uncle in Missouri, and that means Up-to-Date started in two new districts. Now let us all help Nellie Tipton get a piano.—Helen Gough, Big Timber, Mont.

I must stop the letters now because we have no more room; but I am giving the names and addresses of the writers whose letters are crowded out. These and the letters printed above were all received since we closed the March 1 paper.

Roy Fox, Farmersville, Ill .....
Violet Forney, Cambridge, Ohio 14
Robert D. Weaver, Canonsburg, Pa. ...17
Frances Burkhart, Amooy, Ill. 14
Leslie F. Holben, Kent City, Mich 17
Mabel Atterberry, Douglass, Okla.....12
Blanchie Fagan, Lewis, Ind.....15
James Glen Owens, Bluffton, O..... 8
Shurdey C. Wallace, Waterford, O.....
Grace M. Rose, Fordland, Mo.....18
Samuel S. Barehore, Derry Church, Pa..17
Dorothy I. Zastrow, Merimac, Wis.....13
Susana Steffy, Kinzers, Pa.....18
George Giegler, Winstead, Ark.....20
Earl Sheaffer, New Bloomfield, Pa.....
A letter from New Haven, Mo., without a name.....
Tim Marriott, Rice, Texas 12
Meddie Green, College Mound, Mo.....
Bessie Brough, Harpers Home, Va..... 6
Effie Smith, Franklin, Pa.....16
Irene M. Dahl, Grove City, Minn.....13
Oscar Rector, Agee, Tenn.....14
Gail H. Hankey, Murrysville, Pa.....12
Fred Chapel, Rushford, Minn 17
A. Albrecht, Waterloo, Wis. .....
Bessie Ethelyn Dyer, Savana, Ill.....20
Clarahel Owens, Bluffton, Ohio 12
Essie Bryant, High Point, Tex..... 9
Esther Poist, Colara, Md.....15

SPECIAL LETTERS

We make extracts from the following letters on account of special interest in them:

"I see so many good letters from old and young in our family paper, Up-to-Date Farming, that I just can not keep still any longer. This is my second year as a subscriber; and my husband and myself feel that we could not do without it, for it certainly is just what every farmer needs.

"The farmers have reorganized the Grange here, and my husband has been trying to get the Grange and the Equity Society combined, working good for both. Though the Grange is a help in getting groceries and some other things cheaper, it could benefit the farmers much more by taking up the Equity System and getting better prices for their products."—Mrs. Estelle F. Cooper, Van Etten, N. Y.

The following is from a second letter written by a Cadet, which we could not make room for in the regular list. It shows what these letters mean to the young people.

"I wrote to this paper sometime ago and since then I have received a shower of cards and letters from all parts of the United States. I wish to thank the boys and girls for the pretty cards and nice letters they sent me, but having received so many I can not possibly answer all of them, though I would like to do so very much."—Leetah Campbell, Edgerton, Kas.

Save one-half on groceries, furniture, clothing and other household supplies. One of the largest merchandise houses in the country will save you money. Costs not a cent to learn how. Write to Crofts & Reed Co., Dept B 242, Chicago.



Housework Drudgery

Housework is drudgery for the weak woman. She brushes, dusts and scrubs, or is on her feet all day attending to the many details of the household, her back aching, her temples throbbing, nerves quivering under the stress of pain, possibly dizzy feelings. Sometimes rest in bed is not refreshing, because the poor tired nerves do not permit of refreshing sleep. The real need of weak, nervous women is satisfied by Dr. Pierce's Favorite Prescription.

It Makes Weak Women Strong and Sick Women Well.

This "Prescription" removes the cause of women's weaknesses, heals inflammation and ulceration, and cures those weaknesses so peculiar to women. It tranquilizes the nerves, encourages the appetite and induces restful sleep.

Dr. Pierce is perfectly willing to let every one know what his "Favorite Prescription" contains, a complete list of ingredients on the bottle-wrapper. Do not let any unscrupulous druggist persuade you that his substitute of unknown composition is "*just as good*" in order that he may make a bigger profit. Just smile and shake your head!

Dr. Pierce's Pleasant Pellets cures liver ills.



10 DAYS FREE TRIAL We will ship you a "RANGER" BICYCLE on approval, freight prepaid to any place in the United States *without a cent deposit in advance*, and allow ten days free trial from the day you receive it. If it does not suit you in every way and is not all or more than we claim for it and a better bicycle than you can get anywhere else regardless of price, or if for any reason whatever you do not wish to keep it, ship it back to us at our expense for freight and you will *not be out one cent.*

LOW FACTORY PRICES We sell the highest grade bicycles direct from factory to rider at lower prices than any other house. We save you $10 to $25 middlemen's profit on every bicycle. Highest grade models with Puncture-Proof tires, Imported Roller chains, pedals, etc., at prices no higher than cheap mail order bicycles; also reliable medium grade models at unheard of low prices.

RIDER AGENTS WANTED in each town and district to ride and exhibit a sample 1911 "Ranger" Bicycle furnished by us. You will be astonished at the *wonderfully low prices* and the liberal propositions and special offer we will give on the first 1911 sample going to your town. Write at once for our *special offer.*

DO NOT BUY a bicycle or a pair of tires from *anyone at any price* until you receive our catalogue and learn our low prices and liberal terms. **BICYCLE DEALERS,** you can sell our bicycles under your own name plate at double our prices. Orders filled the day received.

SECOND HAND BICYCLES—a limited number taken in trade by our Chicago retail stores will be closed out at once, at $3 to $8 each. Descriptive bargain list mailed free.

TIRES, COASTER BRAKE rear wheels, inner tubes, lamps, cyclometers, parts, repairs and everything in the bicycle line at half usual prices.

DO NOT WAIT but write today for our *Large Catalogue* beautifully illustrated and containing a great fund of interesting matter and useful information. It only costs a postal to get everything. Write it now.

MEAD CYCLE CO. Dept. N170 CHICAGO, ILL.

Mary J. Holmes BOOKS GIVEN AWAY

The Gable Roofed House at Snowden
Glen's Creek Ada Harcourt
The Old Red House Among the Mountains
Rice Corner Tom and I
The Brown House in the Hollow
Kitty Craig's Life in New York

REMEMBER WE will not send you merely your choice of one of these books, but all eight of them, just as listed opposite, for your trouble in sending your subscription, to Every Day Life at 25c a year and 5c extra to help pay postage or 30c in all. You all know Mary J. Holmes. She is one of the world's most fascinating writers. Her name alone is enough to guarantee a good strong story, interesting and entertainingly told. Here is a chance for you to read 8 of her best books free, without costing you a cent. Every Day Life is a charming, illustrated monthly paper of interest to all members of the family. You can get the paper one year and a whole season's great reading for only 30c.

EVERY DAY LIFE, Novel Dept. 62A2 Chicago, Ill.

A CART LOAD OF FUN This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed. Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price. If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Potts and the Lightning-Rod Man," "How to Go-a-Courting," Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Bif," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide," "Queerly Married." "Hannah was Aroused," "How the Tired Patient Man had His Feelings Upset," "Jone's Baby," "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. **COONER & FORTUNE CO., Indianapolis FOR 10 cts.**

THE FARM AUTO WAGON

The manufacturers of self-propelled vehicles for the past several years have concentrated all of their efforts in perfecting an ideal pleasure vehicle. Having succeeded in their work and realizing to the fullest extent, the inclination of the farmer the country over, to consider and purchase self-propelled vehicles for his farm work instead of merely for his pleasures, has forced them into designing and perfecting farm wagons and trucks. The farmer is giving the more serious side of the automobile due consideration.

What the farmer needs today is not so much a pleasure vehicle as it is a vehicle that will help him out in his farm work. Heretofore, the pleasure part of automobiling has been given too much attention by the manufacturers at the expense of the most practical end of automobiling, and why? Because the manufacturers had all they could do to supply the demand for the pleasure vehicle. Now times have changed. The manufacturers today are all making arrangements to manufacture trucks and delivery wagons of all kinds. The most useful of all of these for the farmer is the light delivery farm wagon. He can not do without it. It is as indispensible as the plow, the harrow, or the thresher. It has come to stay, and the up-to-date farmer will not be slow in equipping himself with a wagon of this kind. Whether he has a pleasure car or not, it is the wagon he needs (combining work with pleasure).

You ask why. The answer is easy.

First, you save horse flesh, and horse flesh every farmer knows is expensive.

Second, it saves time, annihilates space. This is most essential to the farmer especially when the work season is on. It enables him to go to town and back in a very short time with whatever he might wish to carry, placing him within easy reach of his important points. In fact, it is the farmer's individual interurban.

Third, the upkeep on the light auto wagon is so small it hardly needs mention.

Fourth, it is ready for instant use all the time, winter or summer, rain or shine, twenty-four hours a day if you want it; expense stops when the wheels stop running.

If Mr. Farmer will, therefore, give the auto wagon due consideration, it will mean many dollars and cents to him.

Rubber tires are more and more being used by farmers on their buggies to increase their life and service. Rubber tires make riding easier—they save the horse and the buggy.

Heretofore rubber tires on buggies have been unpopular because the mud and water got in between the wood and the rubber—then the rubber rotted. Now a new style tire is made to keep the water out. It can't possibly get in.

SOMETHING ABOUT RUBBER

Rubber has many peculiarities in its crude state, according to P. W. Litchfield, general superintendent of the Goodyear Tire and Rubber Company's extensive plant, which he has seen grow from a midget concern to its mammoth proportions.

"The crude rubber we get from Ceylon comes in entirely different form from what we get from Brazil," stated Superintendent Litchfield during an interview at the factory. "Yet it is the same kind of rubber—Para rubber—and of practically the same quality. Seeds of the Hevea tree, which produces the Brazilian Para rubber, were taken to Ceylon some years ago and planted in soil very similar to that to which it is indigenous in the valley of the Amazon.

"Some day these young trees are going to be just as good as those in the Amazon forests, and in the trade it is believed to be only a matter of time when what is called the cultivated rubber crop will be sufficient to supply the needs of the world; and probably at a much lower cost than manufacturers have been paying.

"In 1908 this cultivated crop of rubber from Ceylon did not exceed 2,000 tons; the next year it was 4,000 tons; last year it had grown to 8,000 tons, and this year's crop is estimated as likely to reach 14,000 tons. A few years hence the cultivated crop will equal the wild or natural crop of South America."

Don't Buy Auto Tires That Hook to the Rim

Motor car owners now are using 500,000 Goodyear No-Rim-Cut tires. They are so popular that our tires sales trebled last year.

And 64 leading motor car makers have contracted for them this year.

These are the hookless tires—the tires that can't rim-cut—the tires 10 per cent oversize.

They are saving motor car owners millions of dollars by cutting tire bills in two.



The No-Rim-Cut Tire



The Ordinary Tire

These two tires—the No-Rim-Cut and ordinary—are fitted on the same rim. This is the standard rim for quick-detachable tires, also for demountable rims.

The difference is this: The removable rim flanges are set to curve outward when you use a No-Rim-Cut tire. They must be set to curve inward—as shown in the picture—when you use an ordinary tire.

These removable rim flanges can be set either way by slipping from one side to the other. So Goodyear No-Rim-Cut tires involve no change in the rim.

Rim-Cutting Impossible

The No-Rim-Cut tire, when deflated, comes against the rounded edge. Rim cutting is simply impossible. We have run these tires flat in a hundred tests—as far as 20 miles—without cutting the tire in the slightest.

The ordinary tire—the clincher tire—needs to be hooked to the rim. The rim flanges must be set to curve inward, to grasp hold of the hook in the tire. That is how old-style tires are held on.

Note how that hooked flange digs into the tire when deflated. That is what causes rim-cutting. That is why a new tire may be ruined by running a few hundred feet on a deflated tire. That rim-cutting usually adds one-fourth to one's tire cost.

How We Avoid It

We have invented a tire with an unstretchable base. We vulcanize into the base 126 braided piano wires. Nothing can possibly force this tire off until you unlock and remove the rim flange.

When this tire is inflated the braided wires contract. The tire is then held to the rim by a pressure of 134 pounds to the inch.

That is why hooks are not needed. Not even tire bolts are needed. The tire can't come off because the base is unstretchable.

We control this feature by patent. It is the only way known to make a safe, practical tire which doesn't need to be hooked to the rim. It is the only sort of tire which you will buy when you know the facts. For the worry and damage of rim-cutting is now an utterly useless waste.

GOODYEAR
No-Rim-Cut Tires

Tires 10% Oversize

Goodyear No-Rim-Cut tires are made 10% oversize. The flare of the tire permits that when the rim flanges turn outward.

We give you that 10% oversize without any extra cost. That means 10% extra carrying capacity. It means, with the average car, 25% more mileage per tire.

Most tires are overloaded by the extras one adds to a car. The top, glass front, gas tank, extra tire, etc., load the tires beyond the elastic limit. That is the cause of blow-outs. It is the cause of one-fourth of all tire expense. This oversize avoids that.

These No-Rim-Cut tires—these oversize tires—now cost the same as other standard tires. They used to cost one-fifth extra.

These two features together cut tire bills in two. You can get them without any extra price by insisting on Goodyear No-Rim-Cut tires.

Our new Tire Book tells scores of things which motor car owners should know. Write us to send it to you.

THE GOODYEAR TIRE & RUBBER COMPANY

35th Street, **AKRON, OHIO**

Branches and Agencies in All the Principal Cities

We Make All Sorts of Rubber Tires

(118)

THE MAN IN THE MOON

OF COURSE all of our boys and girls know that the man in the moon is not a real one, but an old, old German story tells how it came about that the shape one sees on the moon is called a man. One Sunday morning in early autumn, the story tells us, an old German woodman told his wife that he was going after wood for their fire. She did not want him to go for it was on the Sabbath and the did not need the wood and begged him to stay. The old man laughed at her and soon disappeared into the forest.

Hans (that was the woodman's name) soon gathered a bunch of sticks, tied them with a stout string, and tossing them over his shoulder, started homeward. He then noticed a very strange thing. All the wild beasts and birds which had never stirred when he entered the forest before, all ran of flew, as if they were afraid of him. The birds fluttered away, and an old mother rabbit, which he had known for a long while, ran swiftly to get herself and family out of his sight. Even a huge bear got out of the woodman's path.

Soon a stranger with a sad, stern face came down the path and stopped him.

"What's the matter? Don't you know that today is Sunday on earth, and we all should rest?"

"Whether it is Sunday on earth or Monday in heaven, it is just the same with me," laughingly replied the old man.

Then came the stranger's turn for reply and he said: "Then carry your bundle forever. As you do not care for Sunday on earth you shall have a long Monday in heaven, where you will be a warning to all Sabbath-breakers hereafter."

Suddenly the old woodman found himself swiftly rising in the air and as quick as thought he was landed in the moon. Imagine the sorrow of his wife when she saw him in the moon when she stepped out of the cabin to watch for his coming. He still stands there with his bundle of sticks, and as every day is Monday in the moon, he can never break Sunday again.

Ask Your Neighbor

Many of your neighbors have used Bodi-Tone on its 25-day-trial plan, for thousands in every state of the Union have tested it in this way. Ask them what they know about it; ask them how it cures. Read the trial offer on the second page of this issue.



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressive ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



here. It is a demand of the Farmers' Society of Equity is shown for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

Going—Going—Gone!

—o—

You have often heard the auctioneer calling his warning to the crowd, "goin, going," and then, "gone!"

—o—

If an article was up that you wanted and that you had bid on it was a tense moment for you, as he called his warning "going, going, going," and you wondered whether some person would raise your bid before the final "gone" was spoken and which decided the ownership of the article.

—o—

A similar thing is being enacted on a tremendous scale in our country today. The protection that American agriculture has been given these many years is on the auction block and the words "going," "going," going," have sounded and echoed over our broad land for two months, and millions of farmers have strained their ears every day expecting to hear the fatal word, "gone!"

—o—

But a respite has been granted. The old senate refused to pass on the proposed reciprocity agreement and it will go over to the new congress that President Taft has called to meet April 4. In the meantime auctioneer Taft and his assistants are calling "going," "going," going!"

—o—

To the millions of farmers! do you hear the ominous words of the auctioneers as your priceless liberties and independence are on the block? Do you realize that the threat is made to trade them off for a larger market for American manufacturers and other doubtful considerations?

—o—

You do hear them, and almost before you know it you will hear the final, decisive word, "gone!" unless you wake up and stir yourselves.

—o—

Manufacturers have met, millers have met, merchants have met and boards of trade have met and passed resolutions favoring the treaty, but nowhere have farmers met to protest against it. We ask you, what can you except in view of each indifference? "He who will be free must himself strike the blow."

—o—

Many great and good congressmen have expressed themselves in favor of the agreement and in the same sentence declared their unwavering friendship for the farmers and their interests. That was because they do not understand agriculture or the farmers' markets.

—o—

If those people can be reached and the facts in the case put before them, and the facts backed up by the great body of farmers themselves, they will not dare to vote for this agreement. We will be fair to them, they will not want to vote for it.

We believe if President Taft understood the case—the effect this agreement must exert on American agriculture and other industries too—that he would face about and oppose it. We are not going to concede yet that the president will stand for this proposition when he is shown that he is mistaken about Liverpool fixing the price on our wheat. The fact has been that the United States farmers, by refusing to meet the export price on wheat early in the season, forced the Liverpool and the world price up to ours, and thus our farmers have been making the ultimate world price on wheat for years.

—o—

This is true. Now if the president is shown that this is true and he then forces his reciprocity hobby through he is no friend of the ten million farmers and their more than twenty million dependents. If he forces this proposed law on the farmers of the United States he, in reality, will produce a condition that will enable England to set the price on not only our wheat, but on our oats, and barley, and flax, and live stock, and eggs, and butter, and cheese, and potatoes, and apples, etc., and on the wages our farmers shall receive.

—o—

Farm crops are protected an average of about 20 per cent, while manufactured articles are protected an average of about 45 per cent. Now, if the farmer is to be denied any protection, why not let England be supreme and fix the price on our manufactured goods also.

—o—

Farmers constitute the largest class of our people and their's is the greatest industry. If they must submit to free trade in what they produce to sell—let England set the price on their produce and their wages—what is wrong with the proposition that England, which buys our oil, our machines, our meat, etc., set the prices on them too. And why not let her fix the salaries of the president of the United States and the pay of the senators, since the proposition is to adjust the business of this country to the advantage of a powerful foreign nation.

—o—

The proposition may not be treasonable, but it is class legislation of the most repulsive kind, and will so be considered by all fair minded people.

—o—

Farmers, what are you going to do about it?

—o—

Are you going to stand gaping with mouth wide open, but unable to speak, while the call goes out, "going," "going," and "gone"?

—o—

Or are you going to rally your forces and send a protest from all the farms between the Atlantic and the Pacific and between Canada's imaginary border and the gulf, that will roll as ten thousand Aleghenies and roar as a hundred thousand Niagras, to Washington, and which will make every representative and senator tremble at the mighty power you—the farmers—can exert.

—o—

If you have been brought to a realization of the danger and its imminence by reading this and recent numbers of this paper, then fill out the coupon on page 29, send it in at once and help to promote the meetings.

—o—

If you are too dead to your interests to do that, then prepare for the worst.

—o—

At best there are only a few weeks for work and not a minute to waste in indecision.

—o—

With your coupon write a letter and let us have your views on this great question.

The Clock has struck half past Eleven for American agriculture. Will You Strike Now before twelve—too late? J. T. Everitt, Ed.

Have You Renewed?

We are so busy protecting farmers' interests and making the best and most helpful paper possible that we do sometimes neglect to follow our subscribers, as we should, to get them to renew.

We know how prone people are to neglect even important matters. We are not accusing farmers of this particularly, but we mean all the PEOPLE. We believe it is one of the most important duties that each farmer owes to himself, his family and all the people in the same kind of business to support this paper—UP-TO-DATE FARMING. The reason for our belief will be evident to every person who reads any number—it will be evident if he reads this number—so we will not attempt to explain further.

But we do want you to look over the splendid subscription offers in this issue. You will find them on pages 14, 19 and 31. Every one has great merit, while UP-TO-DATE FARMING is very cheap without any premium.

And above all we want every subscriber to help increase our circulation. Ask your neighbors to hand you the small sum mentioned in the offers and say to yourself, every time you get a new subscriber: "There's another shot fired for protection to American farmers and Equity in marketing my crops."

Think what this paper means to you, is doing for you; what it may mean to your neighbors, is doing for them; what it means to the great American agricultural interests and how it will direct farmers and protect them and promote their interests, if the farmers themselves want it to and will support it.

There are a good many thousand subscribers of 1910 who have not renewed for this year. They have not received the paper for several issues but this copy is sent to them and this appeal is sent to them stronger than to any others, if that is possible. We want all of them to come back. We can not afford to lose them from our list now, when our watchword must be FORWARD, ONWARD and UPWARD, in circulation. THE COST IS ONLY—note this particularly—30 CENTS OR 25 CENTS FOR YEAR, 50 CENTS FOR TWO YEARS OR $1.00 FOR FOUR YEARS, 1911 1912, 1913 AND 1914, and a valuable premium.

Subscribe because you approve of the work UP-TO-DATE FARMING is doing, if you can, but subscribe anyway and watch our GREAT CAMPAIGN to BRING FARMERS to the FRONT THIS YEAR.

A PERFECT STAND

Of potatoes is what you will get with good seed and an Iron Age Planter. It plants 100 per cent, without misses or doubles or injury to the seed. Every seed piece placed, just right, at even spaces and covered uniformly. The boy pays for his labor 10 to 20 times over, and the planter pays for itself—ask any user. With or without fertilizer distributer.

75 YEARS IN BUSINESS

IRON AGE Farm and Garden Tools

have "made good" and proven their superiority for 75 years. Send postal to-day for our Anniversary Catalog—it tells all about our Potato Planters, Cultivators, Diggers, Sprayers, Garden Tools, Wheel Hoes, Drills, etc., and is FREE. Don't delay.



BATEMAN M'F'G CO.
Box 656 GRENLOCH, N. J.

BOYS VIOLIN



FREE!

This fine, sweet-toned violin also white horse hair bow and box rosin free for selling 20 pkgs. Art Post Cards at 10c per pkge. Send for cards—When sold, send $2.00 and Violin and Complete Outfit will be sent promptly. Satisfaction guaranteed. ALTON WATCH CO., Dept. 49 Chicago

I WAS A Heavy Drinker

Consumed quart of whiskey every 24 hours.



CURED IN 3 DAYS

If you know anyone who drinks alcohol in any form, regularly or periodically, let me send my FREE book, "Confessions of an Alcohol Slave."

I drank beer at first, then gradually developed into a drinker of strong liquors. When drinking heavily I wouldn't hesitate to pawn my coat or break a saloon window to get spirits. For long periods I would drink over a quart of whiskey, rum or gin daily. And some mixed drinks and beer additionally!

I damaged business, health and social opportunities, made family miserable, lost real friends and became an unworthy, unwelcome burden upon all except the saloonkeepers, who cheerfully took my money for the poison they gave me.

For 16 years I kept it up, and I was regarded as a hopeless case. Various "cures" did me no good. But now I have **a joyful message** for drinkers and

Mothers, Wives, Sisters

While drifting from bad to worse, as all slaves of King Alcohol do, I unexpectedly **found a true cure.** It was (and is) genuine. It saved my life. **My health was quickly restored.** I became and am a respectable man, enjoying every benefit of freedom from the accursed alcohol. I speedily and naturally lost all desire for drink. I took less and less. I began to prefer tea, coffee and other non-alcoholic liquids; the **craving for liquor ceased,** I could sleep perfectly, my stomach became well and I recovered from other ailments which I now know were due to my indulgence in strong drink.

WONDERFUL

My cure lasted 3 days; if I had relied upon will power or faith I would still be a drunkard, because an alcohol slave has **no will power while drinking.** I rejoiced so greatly at having found a true cure that I decided to devote my life to removing the curse from others. My success has been marvelous. During eight years **I have personally attended to over 6000 men and women who were addicted to drink;** the list includes very many persons notable in all walks of life, including those of brains and those of physical energy. If I were permitted to mention names of those who have been saved through this *quick, permanent cure* the public would be astonished. They include senators, congressmen, public officials, great lawyers, bankers, clergymen, noted merchants, skilled mechanics, trusted managers and clerks, farmers and others in all vocations.

I tell about the secret in my book, which I send **FREE** to every person (or relative or friend) who takes alcohol in any form to excess. My one purpose in life is to **cure the drunkard.** I rejoice in every cure, each victim has my sympathy. What I promise is absolutely guaranteed. My remedy is for either **steady or periodical drinkers.** Think of it—**a complete and permanent home cure between Friday night and Monday night**—or any other 72 hours!

Men or Women, Any Age, Quickly Cured.

To relatives, friends or employers I say—if you want to cure a drinker in the quickest time and permanently, with or without his knowledge and with absolute safety, read my book—changes despair to joy.

ABSOLUTELY FREE

I will send you my book, in plain wrapper, promptly, postpaid. It tells of my own career and the wonderful discovery and gives valuable advice. No other book like it. I especially appeal to those who had wasted money on treatments or remedies which have no lasting effect. Remember, **it costs nothing** and you will always be glad that you wrote. Correspondence strictly confidential. Cut this out if you cannot write to-day. Address:

EDWARD J. WOODS,
534 Sixth Ave., 434 E, New York, N. Y.

The Equity System

There is a strong desire on the part of nearly every producer to do business with the final market. This is natural enough because the person who produces something is averse to sharing the price that must ultimately be paid for it, with one or more people who have set themselves between. The Equity System of Marketing makes this very desirable thing possible and entirely practical. This system provides representatives—agents—on all the great markets to which shipments may be made and these agents will sell the produce at the highest prices. They do not buy stuff, hence are not interested in getting it as cheap as possible, but they act as the shippers' agents and are interested in getting the highest prices possible so, through giving satisfaction, they will be continued in the position and the shipments will increase.

The headquarters of the System is at Indianapolis, Ind., with branches in the following cities:

ALABAMA	NEW JERSEY
Birmingham	Newark
Huntsville	NEW YORK
Mobile	Albany
Montgomery	Buffalo
ARKANSAS	Rochester
Pine Bluffs	New York
Fort Smith	Syracuse
CALIFORNIA	N. CAROLINA
Los Angeles	Raleigh
COLORADO	Wilmington
Denver	NORTH DAKOTA
GEORGIA	Bismarck
Atlanta	Grand Forks
Macon	Fargo
ILLINOIS	OHIO
Cairo	Cincinnati
Chicago	Columbus
Peoria	Toledo
INDIANA	Cincinnati
Indianapolis	OKLAHOMA
Terre Haute	Oklahoma City
IOWA	PENNSYLVANIA
Burlington	Harrisburg
Des Moines	Johnstown
KENTUCKY	Philadelphia
Louisville	Scranton
LOUISIANA	Wilkesbarre
New Orleans	Pittsburg
MASSACHUSETTS	RHODE ISLAND
Boston	Providence
MARYLAND	TENNESSEE
Baltimore	Chattanooga
MINNESOTA	Knoxville
Duluth	Nashville
Minneapolis	TEXAS
St. Paul	Austin
MISSOURI	Fort Worth
Kansas City	Galveston
Saint Louis	Houston
MICHIGAN	UTAH
Bay City	Salt Lake City
Detroit	VIRGINIA
Grand Rapids	Lynchburg
Kalamazoo	Norfolk
Saginaw	Richmond
NEBRASKA	WISCONSIN
Omaha	Milwaukee

The Equity System is exclusively for members of the Farmers' Society of Equity and Subscribers to Up-to-Date Farming. Such can obtain the confidential directory and full instructions free. Headquarters will direct any shipment to the best market, on request, or any person entitled to use the system can, with or without preliminary correspondence, ship to "The Equity System," at any city in the list above and the business will have prompt and careful attention. Address letters the same way. Always notify headquarters of shipments.

FARMERS' SOCIETY OF EQUITY
Indianapolis, Ind.



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION.—*Can you please find me a good man for the summer to help me on my farm of eighty acres. I would like to have a good man by the first of April. Age is not particular.—John J. McIntosh, R. F. D. 4, Harbor Beach, Mich.*

ANSWER.—We will insert Mr. Mc-Intosh's request as above, and hope he will find a man through our columns.

Q. I have received and read the Third Power Book. Now I am writing you further information as follows:

1. Does your Society and the one at Greenville, Ill., co-operate together, or are they one and the same?

2. Does the National Union of the Southern states belong to the Farmers' Society of Equity?

3. What are your yearly dues?

4. What price is the book, the Third Power?

I am a farmer and have been of the opinion for some time that we must get out of the rut we are in.—Willis A. Hoyt, Beacon, Iowa.

A. 1. C. O. Drayton, whose home is at Greenville, Ill., seems to be fathering a movement, or rather a pretended movement, that we notice was mentioned in one or two papers. This is the one that you may refer to. Drayton was formerly a school teacher in Illinois. Not long after the old Society of Equity was organized, he became interested in it and was sent as an organizer into Kansas, one of the best states for organizing in the Union. He made a total failure. He was given other opportunities and always failed. His lack of success made him restless and he was among the first to join in the conspiracy to change the plan of the original Society and abandon its lofty objects, and which disrupted the organization through the conspiracy of 1907. He was made president of the seceding faction in 1908. In that position he was as great a failure as he had been before in minor positions. Finally he left the Society, either of his own accord or was driven out, and now he claims he has started a movement all by himself, and succeeded in getting his matter printed in a farm paper that always opposed the true Equity Society. C. O. Drayton, more than any other person, was responsible for disrupting the great and powerful original Society, and he and his alleged farmers' organization is one of the jokes of the season.

2. I suppose you refer to the Farmers' Union in the Southern states. That movement has never had any particular or definite plan to help farmers, but has always been simply an organizing movement. It is a fact that one or two years after it would sweep over a section of the country, the farmers would disband because of lack of results and benefits.

3. The membership fee to join the Farmers' Society of Equity in a local union is $2.00. For a membership-at-large is $1.00. The annual dues is $1.50.

4. The price of the Third Power book is 25 cents by mail postpaid. German edition 50 cents.

Q. Please give me some information about the Equity System of Marketing produce. Is there a local union of the Farmers' Society of Equity in Green County, Okla. I want to get all the information there is. I have been in the Grange, the Farmers' Alliance, and now in the Farmers' Union, but we do not get any benefit in selling through them, so you can see the position I am in and I hope to hear from you soon. —David Kennedy, Mangum, Okla.

A. The Equity System of Marketing booklet, with directory of market representatives has been sent to you. It will give you the plan and directions.

At present there is no local union in Green County, Okla., but we would like to have a local union at each important shipping point and a county union at a central point. The object of the Equity System is to benefit farmers in marketing their crops, by directing their shipments to the highest markets, avoiding gluts, and eventually, when there is sufficient organization, through the Equity System, sufficient crops will be directed to prevent gluts and always secure equitable and profitable returns.

Q. I want to build a storage house to hold about fifty tons of cabbage. It must be warm so it does not freeze, and possible to ventilate it when the weather is warm. Can you give me some advice how large I will have to build it and how much room it requires to store a ton of cabbage, how to ventilate, etc.—Herman Rossner, Blue Island, Ill.

A. We advise you to write to the Department of Agriculture, at Washington, D. C., and they will probably send you some bulletins giving the information that you need. Also, write to the Madison-Cooper Co., Watertown, N. Y.

Pull Your Stumps FREE

For 30 Days with this Hercules All-Steel Puller



SEE here how the Hercules pulls out big stumps, roots and all. Don't have stumpy fields—loafer land doesn't pay. This Hercules Genuine All-Steel Stump Puller is

Guaranteed For 3 Years

against breakage—flaw or no flaw. Test it on your place for 30 days at our risk. Try it on stumps or green trees.

Triple Power

"Triple power" attachment means a third greater pulling capacity and saves strain on team and on cables. Three machines in one—single, double and triple power. Can be changed in a minute right in the field from one power to the other by one man. Nothing like it in the world. The Hercules is the only stump puller guaranteed for three years. Only one with Double Safety Ratchets. Hitch on to any stump and it is bound to come. Also pulls largest hedge rows and green trees. Don't risk costly and dangerous dynamite. Don't risk a cast iron puller. Write us at once on a postal for our

Special Price Offer

We have a special price proposition to the first man we sell to in new sections. We are glad to make you a special price on the first Hercules sold in your community because that will sell many more and save advertising. Write us and we will also send you our special price—30 Days' Free Trial and FREE BOOKS about the only All-Steel, Triple Power Stump Puller—the Famous Hercules.

HERCULES MANUFACTURING CO., 380 17th Street, Centerville, Iowa

ECZEMA

Tetter, Salt Rheum and Pimples

can be cured. ALL TORTUROUS ITCHINGS IMMEDIATELY relieved by dermol, the wonderful new skin Remedy. Send at once for

FREE TREATMENT

Lycoming Laboratories, Branch 12, Williamsport, Pa

RHEUMATISM

Let Me Send You a Dollar's Worth of the Great Michigan External Remedy Which is Curing Thousands to Try Free. Just

Sign and Mail My Coupon



FREDERICK DYER, Corresponding Sec'y.

Let us cure your Rheumatism (**no matter where located, how severe, or whether it is Chronic, acute, muscular, sciatic, lumbago or gout**) with our powerful, yet harmless **Magic Foot Drafts.** They have even cured cases of 30 and 40 years' standing where baths and doctors and medicine failed.

Just sign and mail the coupon below. Return mail will bring you prepaid a regular $1 pair of Magic Foot Drafts, the great Michigan cure for every kind of Rheumatism—chronic or acute—muscular, sciatic, lumbago or gout—*To Try FREE.* Then if you are fully satisfied with the benefit received send us One Dollar. If not, keep your money. You are the judge, and *we take your word.* We know what Magic Foot Drafts are doing, for we send them everywhere, and wait for our pay until the work is done. Let us send *you* a pair. Valuable illustrated booklet *free* with the Trial Drafts. Send no money—just the coupon. Do it today—now.



This $1.00 Coupon FREE

Good for a regular $1.00 pair of Magic Foot Drafts to be sent Free to Try (as explained above) to

Name .....

Address .....

.....

Mail this coupon to Magic Foot Draft Company, HA10, Oliver Bldg., Jackson, Mich.

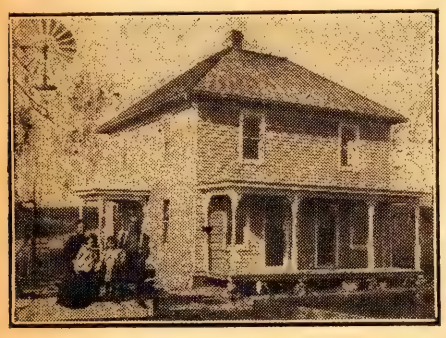
THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Cleared $4 a Ton on Hay

Farmers' Society of Equity:

I got my check yesterday from the Equity System at Milwaukee, and the car of hay cleared me $10.00 a ton, which is about $4.00 a ton more than I could have got at home, as clover hay is selling here around



Home and family of H. Reinke, Farmersburg, Ia. Read his letter.

$6.00. I have a hay press of my own. From now on I will ask my neighbors and friends to read Up-to-Date Farming and market through the Equity System.—Herman Reinke, Farmersburg, Ia.

Opposed to Canadian Treaty

DEAR EDITOR:

I am greatly interested in your paper and work. I want a local union at Almond and will try to get the neighbors interested. Please send instructions and sample copies. Be sure to send numbers that have in them your protests against the Canadian tariff treaty, which we are against. —Rote Culver, Almond, Wis.

$3.50 Recipe Cures Weak Kidneys Free

Relieves Urinary and Kidney Torubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

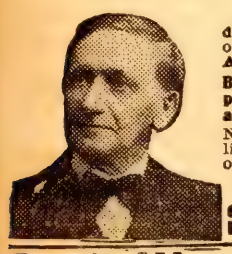
Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

New Rupture Cure

Don't Wear A Truss



Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions.

Binds and draws the broken parts together as you would a broken limb.

No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

CATALOGUE FREE

C. E. BROOKS, 3898 Brooks Building, Marshall, Mich.

Don't Wear a Truss

FREE



STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

TRIAL OF PLAPAO

Address—PLAPAO LABORATORIES, Block 59, St. Louis, Mo.

More Money for Clover

Farmers Society of Equity:

I am glad to acknowledge check for clover shipped to the Equity System at Indianapolis. The small shipment netted me $4.00 more than I could have got for it it home. I certainly am well pleased.—Henry Hering, Browns, Ill.

Well Pleased on Eggs

Farmers' Society of Equity:

I received returns for the eggs shipped to the Equity System. I am well pleased with the returns and will continue to ship more eggs.—Mrs. Mary E. Schatzley, Martinsville, Ind.

Farmers Society of Equity,

Gentlemen: I have received a copy of your official paper, January 1 number, through a friend of mine in Kansas. I am much pleased with it and what it advocates. Such doctrines are foremost in my mind as I am a farmer and expect to remain one the balance of my life. I would like to see the farmers of Oklahoma and all the southwestern states organized in your Society, so they could decide on a reasonable price, such a price as would pay us for producing, and a reasonable profit, and then compel it to be paid.

Our surest crop here is cotton. We farmers are of the opinion that there is more juggling of prices and gambling in cotton by the speculators than any other crop. I hope to see the time when cotton growers will, through the Equity System and organized in the Farmers' Society of Equity, make and maintain a steady and profitable price for cotton that suits themselves, and I don't know of a better time to start than right now. I enclose a remittance herewith. Please send me all the sample copies that you can. I also enclose my membership to the Farmers' Society of Equity.

I have been a member of various organizations in the past, both of farmers and other classes and have had a splendid opportunity to see the advantages of practical co-operation, so please give me all the information you can and also your plans of organizing.—C. D. Corbitt, Mountain Park, Okla.

Mr. J. A. Everitt, Editor,

Up-to-Date Farming:

Investigation of your subscription list will show that I have been a subscriber to Up-to-Date Farming when it was published in pamphlet form and have staid by it through thick and through thin, and am still a believer in its doctrines. At one time we had quite a nice organization of the Society of Equity in our county, but it went out with the Tubbs-Drayton cussedness, and it has staid out until this time. I am glad that you still survive and that the people seem to be slowly turning to the plans that you have laid down. I am past the 70-year mark and among the pioneers of Illinois. When the old ——— was one of the first agricultural papers printed in the west. I subscribed for it. As you know, it is still printed and still advocates bushels irrespective of price.

And now Friend Everitt, I hope you will live to see the day that Equity will have its sway. With this I enclose my renewal for Up-to-Date Farming.—William Briggs, Orland, Ill.

Let's Organize

I am a reader of Up-to-Date Farming. I believe the time has come when farmers must organize. Failing to do so he will be ground in the dust by the heel of the moneyed despots. Does our president realize that to let England fix the price on our wheat, means her price on all other farm products, labor included? If England is to be supreme in fixing prices on farm produce why not let her fix prices on oil sold by the Standard Oil Company and beef sold by the beef trust. It is a poor rule that will not work both ways. It looks to me that they propose to make a scapegoat of the farmers. As long as he remains unorganized he will be at the mercy of all the combines and monopolies and trusts and "interests." Through this Canadian agreement they seek to make it forever impossible for the farmer to fix his prices on a remunerative basis. So, I say *Let's organize.*

I am now only waiting for full instructions to organize a local union here. Send them.—F. B. Richards, Ulster, Pa.

Publish a Petition Blank

DEAR EDITOR:

The president has called an extraordinary session of congress to pass the reciprocity agreement with Canada. But our beloved official paper—Up-to-Date Farming—sounds the warning and points out the injustice of the proposition. With the protection to agriculture about 25 per cent and to manufacturers, about 45 per cent, and the former to be wiped out entirely, it is easy to see where Taft stands as regards the farmer. The proposition is to compel the farmer to produce in competition with the world but to compel him to buy his supplies in a 45 per cent protected market. To provide cheaper food for consumers is not the object must be evident because flour must still pay 50 cents a barrel, meat 1½ cents a pound, etc. It looks very much as though the president and his co-workers love the meat trust and the milling trust more than the plain people. In fact I can't see much more respect for the farmer in this than they might have for a "yaller" dog.

I suggest that Up-to-Date will print a blank petition in the next issue and urge every subscriber to get not less than five signers and send to the senate before it convenes again.—J. H. Harpster, Millersburg, O.

(We believe the meetings we refer to in this issue will be better than petitions.—Ed.)

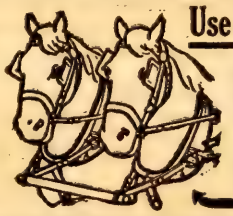
My Heart and Soul are In the Work

DEAR EDITOR:

What Up-to-Date Farming has done, is doing, and will do, if it is properly supported by the masses of the farmers, will surely prove a great boon to the producers of the necessaries of life. My heart and soul are in the work that you are doing, and my only regret is that I am not able to do more. I want to see the education that Up-to-Date Farming is doing, continued and multiplied until a complete understanding is gained for the farmers and which must result eventually in a perfect organization, and effective co-operation by the farmers. Co-operation by the farmers seems to be the only hope and solution of our serious problems. My best wishes are sent to the paper, and all those who have its production in charge.—N. M. Ashby, Director of the Farmers' Society of Equity, Sebree, Ky.

DEAR EDITOR:

I want to tell you that I received the Woodland calendar and post cards and they are beautiful. I will send more subscribers. I do hope the farmers will join the F. S. E. and do it quickly for we need it and need it badly. I do hope our editor will hold out until Equity in business on the farms prevails. May God bless him.—J. C. Williams, Walker, Ia.



Use Indestructible Hameless Horse and Mule Collars

To prevent and cure sore shoulders. No hames, pads or straps; stronger, lighter, better. Made of metal and zinc coated. Guaranteed not to rust in any climate. **Adjustable in size to fit animal** if spring fat or fall poor. Holds it's shape. Cheaper because everlasting. Easy to put on and take off.

Write today for our YEAR'S FREE TRIAL with freight prepaid. 100,000 now in use.

Endorsed by veterinaries and team owners as the only collar fit to use on horse or mule. Used by City Fire Departments and U. S. Government. Sold direct where dealer does not handle them. **Good agents wanted.** Address

JOHNSTON-SLOCUM CO., 712 State Street, CARO, MICHIGAN

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

AGENTS: 100 per cent profit. New patented awl. Sews harness, shoes, grain bags, anything. Sample free to workers. A Mathews, 1282 Third St., Dayton, Ohio.

AGENTS WANTED to sell mottoes. Send for catalogs. F. H. Arnesen, 1864 N. Leavett St., Chicago.

SALESMEN wishing to earn three to five dollars per day, write for terms immediately. First National Nurseries, Rochester, N. Y.

WE NEED SALES SOLICITORS—Good opening for right parties selling Marinette County, Wis., farm lands. Write for particulars. Skidmore Land Co., Box 56-A, Marinette, Wis.

Farm Lands For Sale

BALDWIN COUNTY ALABAMA. Farm lands and improved farm around Foley and Summerdale for sale cheap. Get my booklet describing lots and farms at Orange Beach Alabama on beautiful Perdido Bay. D. R. Peteet, Foley, Ala.

40 ACRES—$300.00. New land; rich and productive soil; plenty of water; unequaled shipping facilities; world's great summer resorts for home market; highest cash prices for produce; schools; churches; telephone; R. F. D.; good roads. Write today for full particulars. Warner-Newton Co., 645 Murray Bldg., Grand Rapids, Mich.

160-ACRE FARM for sale in Grand Traverse Co., Mich., 1 1-4 miles from Grawn. 110 acres under cultivation; good fruit land, 2 1-2 acres of apples and other fruit in bearing; 565 cherries set last spring; 985 ordered for spring delivery. Reason for selling to settle an estate. Price $5,250. Must be sold before May at this price. Address Jas. Starbuck, Grawn, Mich.

OWNER WILL SACRIFICE a 60-acre unimproved farm in Washington Co., Ala., near Miss. line, right on railroad. One mile from town. Best land in the country for truck raising, tobacco, corn and potato growing; will produce three and four crops a year. All good high land; no swamps; no stones; no blizzards; no long freezes. Land right next to this and no better in any way is selling right now for $25.00 an acre. Will sell at a big sacrifice for quick all cash deal. Write for particulars. J. B. Fentony, Indianapolis, Ind.

"TIPS TO HOMESEEKERS" is free to all except "Suckers." Hesitate and investigate before you migrate. Sec. Scott Co. Development Association, Waldron, Ark.

WISCONSIN FARM LANDS in Marinette County. The chance of a lifetime to get good land cheap—$7.50 to $20 per acre—liberal terms. Clay loam soil; near city markets.

GREATEST GRASS and clover country on earth. Write for new booklet. Skidmore Land Co., Box 56-A, Marinette, Wis.

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FARMS WANTED: Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 71 Palace, Minneapolis, Minn.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

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GINSENG AND GOLDEN SEAL. Write for prices of roots. W. N. Long, Florence, Ky.

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HIGH BRED BROOM CORN SEED. Fanning Seed Co., L. Box 32, Oakland, Ill.

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HOLLAND EXPERIENCED TRUCK and fruit farmer wants position on farm. Address R. P., care UP-TO-DATE FARMING, Indianapolis.

Special Offer

Up-to-Date Farming Four Years, Four Pounds Highest Bred Corn in the World

$1

Mr. C. P. Hartley, Physiologist in charge of Corn Investigation, the Department of Agriculture, Washington, D. C., said, "Well conducted corn breeding requires special methods that general farmers have not time to apply. Corn breeders are improving corn as cattle breeders have improved cattle. Five dollars a bushel will be a profitable bargain for both parties for such corn."

The quickest and cheapest way to improve the corn crop is through high-bred seed corn. The FARMERS INTEREST CORN has been bred for more than fifteen years. A start obtained now will be worth its weight in gold in future crops for any farmer.

Get One Hundred Bushels of Corn to the Acre

It is done every year with this corn. Read the testimonials below. What is not in the seed you can not bring out in the crop. Plant this productive seen corn for big crops.

Largely because of this variety of corn Indiana's yield for 1909 and 1910 has averaged 20 bushels per acre more than Kansas, 15 bushels more than Nebraska, 6 bushels more than Iowa, 16 bushels more than Tennessee, etc., etc. Indiana raises more corn per acre than any other state.

Farmers Interest White Dent corn has been bred for improvement for 15 years. Every farmer who sends for some of this corn will at once reap the benefit of all these years of labor by expert corn breeders.

If you want large crops of corn, if you want a big price for seed corn, plant half an acre of this corn in 1911. Four pounds will do it. We advise prompt orders. This offer will not appear again.

Four Pounds of this Corn May Make You $50

Four pounds of this corn contains about 5,760 grains and will plant about four-sevenths of an acre and will produce, with good care, 50 bushels or more of corn. It is not unreasonable to claim that out of this, 25 bushels of seed corn can be selected, worth $2.00 a bushel.

DESCRIPTION—Color, white; class, dent; ears, large, uniform diameter and rounded with grains at both ends; about one-fifth the weight of dry ears is cob, four-fifths corn; cob white, medium size; grains deep, often grains measure three-fourths of an inch long; a strong grower, roots strike wide and deep; stalk tall and thick; often two ears are borne on a stalk; season about 110 days; withstands dry weather and winds remarkably; territory, adapted to all territory 40 mi. south of Michigan, etc. Corn growers over a wide territory find in Farmers Interest their ideal variety. We believe it is to the interest of every corn grower to embrace our offer and start with this corn this year. Read the testimonials below for yielding propensities.



Copyright 1911, *O. K. Seed Store, Indianapolis, Ind.*

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KANSAS—I visited my brother in Kansas and saw his field of Farmers Interest corn. I never saw its equal all my way to Kansas and return. The ears looked like arms of giants. He wrote me it yielded 114 bushels per acre.—A. M. T., Knox Co., Ind.

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SOME OF THE PRIZES WON BY THIS VARIETY

WORLD'S FAIR, Chicago, 1893. Paris, 1900—Grand Gold and Silver Medals. St. Louis World's Fair, 1904. Buffalo, 1906. International Corn Show, Chicago, 1907; at Omaha, 1908. Omaha, 1909. Also other notable awards too numerous to mention.

How To Get This Corn Free

Send the coupon and $1.00 for a four-year subscription to **Up-to-Date Farming**, or a club of four subscribers for one year and I will send you four pounds of the corn prepaid. Or send 30 cents and I will send the paper one year and one pound. Or send 50 cents and I will send the paper two years and two pounds. I will send you one pound more for each additional subscriber at 25 cents. If you prefer, I will divide the premiums, sending a pound to each member of the club for each years subscription.

Make your club as large as you can. Four pounds will plant more than one-half an acre; seven pounds will plant one acre. Give express office as well as post office. I deliver to you prepaid.

J. A. EVERITT, Editor Up-to-Date Farming, Indianapolis, Indiana.

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Economical and easy to put on, no previous experience necessary; absolutely guaranteed, brand new, clean stock—bright as a dollar. 1½ inch corrugated, unpainted steel sheets, light weight, 22 in. wide, 6 and 8 ft. long. 100 sq. ft., **$1.85**

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We make immediate shipment of all material from our Chicago plant, where it can be seen and loaded under your personal supervision, if desired.

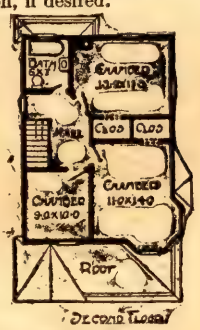


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Necessary plans and specifications of these buildings free with order. These plans show exactly where each item in the bill of material is used in the building, each piece of steel being numbered in the Material List and correspondingly numbered on the Plans, greatly simplifying the erection of the building and at a great saving in the cost of labor.

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High Grade Plumbing



Enjoy the comforts of a City Home, all the advantages of the modern bath room, laundry and kitchen. Water in abundance in every part of your home. No excuse for you to be without one of these systems. The expense is very small.

We will loan you tools and give you complete instructions so you can install the system yourself.



Strictly new and as good as anyone sells. We have everything needed in plumbing material. Our prices mean a saving to you of 30 to 50 per cent. We can easily prove it if you will give us a chance.



90c buys our special flat rim, cast iron, white enamel kitchen sinks. Price includes strainer and coupling. **$5.50** buys an enamel bath tub. **$10** for a cast iron, roll rim, white enamel bath tub. **$9.50** for our white enamel low down tank water closet, complete outfit. Iron pipe at mill prices.

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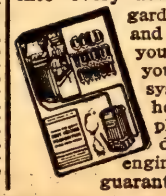
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FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | APRIL 1, 1911 | Number 7

1911			April			1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
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Up-to-Date Farming

PUBLISHED TWICE A MONTH

EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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All Shall Know Up-to-Date Farming

OF ALL THE PAPERS and Magazines we take I would give up any one of them in preference to UP-TO-DATE FARMING.

At first I paid no attention to the paper thinking it was another worthless magazine. I find what was true in my case was true in some others. Only yesterday I met a man and read an article to him out of my paper, and he said: "Why I get that paper and if it is anything like that I will go right home and read it." I will not admit that we are entirely to blame either, because there are so many papers sent us that DON'T amount to anything that we are apt to overlook one that is published in our interests. IF YOU CAN ONLY DO SOMETHING TO INSURE THAT THE FIRST COPY WILL BE READ BY THE HEAD OF THE FAMILY THERE WILL BE NO DOUBT ABOUT THE REST.



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It is discouraging to the editors when the fact is forced on them, as it must be a fact, that a single copy the paper we send out is not read carefully. We put too much time, deep and serious thought and work on this paper to have it treated with such indifference, even though unconsciously. So we have printed Mr. Stetson's letter on this page where all who run may read and hope that it will result in every one who receives the paper getting the habit of reading every word.—The EDITORS.

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WORLD'S FAIR, Chicago, 1893. Paris, 1900—Grand Gold and Silver Medals. St. Louis World's Fair, 1904. Buffalo, 1906. International Corn Show, Chicago, 1907; at Omaha, 1908. Omaha, 1909. Also other notable awards too numerous to mention.

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EDITORIAL

A Bureau of Marketing

THE United States government in its various departments has bureaus for the collection and dissemination of almost all sorts of information. As a rule, the information so gathered and disseminated is interesting and useful, not all of it to the general public possibly, but all of it to some portion of that public—some to one class and some to another, but all resulting in general good.

The Department of Agriculture, for instance, has thousands of people engaged at stated times in gathering information concerning the condition of growing crops—the acerage as compared with former years, the seasonableness of planting, the general stand secured, the growth and progress of the crop and the prospect for yield. This information is given to the public from time to time, and finally is gathered and given the actual production of the various crops, coupled with the quantity of previous crops that are still held by the producers, or that may be kept in storage by the purchasers. Even the prices that were paid is made an item of these reports.

As we have often said in these columns, this information comes too late to be of benefit to the farmers. Their crops are all set before the first reports are given out, and whether the indications are for a long crop or a short one, they are powerless to change it. But it is of great value to traders and speculators, as it enables them to make their calculations accordingly.

But the point we wish to make here is that if the government has so many bureaus to gather and publish information so important to so many interests, why not have a Bureau of Marketing? There is no question more vital to the best interests of farming. No class of the products of labor of any sort are more abused in the marketing than the products of the farm, and no class of labor is more uncertain of its reward than farm labor. The Department of Agriculture already collects most of the information needed for the effective working of such a bureau. It knows the condition of the crops and whether there will probably be a large or small yield. It also knows the quantity of former crops that has been disposed of and the quantities that have been held and is still available. It, therefore, knows the supply; and it also knows what have been the prevailing prices. It only remains to gather statistics of the probable demand. This could easily be obtained with sufficient definiteness to warrant conclusions as to price based upon real supply and demand. It would only remain for the bureau to announce that the total of the season's crop is so much, the quantity to be marketed will be so much, the amount of former crops held over and available for supply is so much, making the total supply so much. The demand for actual consumption is so much, the probable demand for storage is so much; the probable demand for export is so much, making the total demand so much. Therefore, based on a comparison of supply and demand, the price should be so much. That would do more to regulate buying and selling, would give farmers greater hope of justice, would guarantee more regular prices, would do more to cut out dishonest deception as to price, and lead at once to a greater advance in farming than anything or all the things the department of agriculture has ever done.

Of course the mere mention of it, if taken seriously, will create a howl. The god of greed never sleeps. But it does not involve anything arbitrary. It does not compel anybody to sell at a certain price, or not to sell. It merely gives the information, and shows what the price should be according to supply and demand. If farmers availed themselves of it, it would be no more than other classes have done, and are doing with statistics and information furnished by the government. Trade and labor has a department, and not a farmer objects. Agriculture has a department of production, with bureaus to gather facts important to other people. Let there now be added a Bureau of Marketing, so that farmers may know what the price ought to be according to supply and demand.

Numbers and Schemers

THERE are selfish schemers in American public life. Not many will deny that, but it is not popular to talk about it, because the schemers are powerful in public affairs, and those who have the public ear fear to arouse the ire of the schemers by denouncing evils that have power behind them.

But the schemers, those who plan things that, in the name of the people, will work to their own personal and selfish benefit, though they often have great power to accomplish things, are few in number compared with the multitudes that are injured by the working out of the schemes.

Why do these multitudes yield to the schemes and thus contribute to the success of the few against the many? This is a question hard to answer when the masses are intelligent and free and independent, as they are in this country.

But our common people are busy people. They are engrossed with their own affairs. They are, as a rule, a trusting people. They have confidence in their public servants. In fact, they are more suspicious of each other than they are of those outside of their class. This is particularly true of the farmers, the most important class of the common people. This trait of the common people gives the schemers their opportunity, and they strengthen their position and increase their power by cultivating these suspicions and multiplying the divisions among the masses. So long as the people, the common people, can be kept divided and at war among themselves, "one can chase a thousand and two can put ten thousand to flight." The schemers themselves are never at war with one another. They do some brilliant shooting at each other when they are where the people can hear, but they use popguns only that never go off in the private consultation rooms of the state and national capitols. Note the votes in Congress and the Legislatures on important questions affecting the people. The schemers understand each other. With them it is "You help me and I'll help you."

We do not mean to say that all legislators and all congressment are schemers. Not a bit of it. But the schemers are there, both inside and outside, where they can pull the strings that make the jacks jump.

It is a fact also that these schemers never present their schemes frankly with a truthful statement of what the schemes really mean, or what effect they will have on the public when carried out. A pretended public service is kept to the front, and the selfish motive is cunningly concealed.

Of this class is the so-called Canadian reciprocity agreement. It is pretended by men in high places, men who have been honored and trusted by the people, that its ratification will benefit the very class that it will immediately injure and ultimately ruin. The farmers of the United States have enough to do to compete with one another. Often crops do not bring them a cent of profit, especially when they have an unusually large yield. The more they produce the less it sells for, not only the unit sold but in the aggregate. Consult Secretary Wilson, not his remarks on this subject, perhaps, but his various official reports. This loss from big crops is only occasional, but the big crops have come often enough to prove their effects. What other effect could be possible with excessive crops pouring in every year from Canada?

We do not claim that all who favor this measure are schemers, but there are schemers behind it, and they are vigorously pulling the strings. Who are the schemers in this case? It is those who would be most certainly benefited. Speculators buy farm products on glutted markets at low prices to sell again at excessively high prices. The more glutted markets we have the lower will be farm prices and the greater the margin of speculative selling prices after the stuff is gatherer in and stored. The selfish interest on the part of this class is unmistakable.

But why do so many favor the agreement who are not of this class? They do not mix much with the farmers, know but little of their condition, and seldom hear from them except through the agriculture press and their professional teachers. The burden of what they hear from this source is an urging to greater production, and they conclude that must be the one thing needful. They do not realize that they are playing to the few who wish to buy all the time on glutted markets.

Also the manufacturing trusts are not affected by the agreement, or are but little affected except that a broad new field is opened to their business. Stimulate farming in the Canadian wilds and soon there will be a greater demand for farm implements there than in the United States, and at prices carrying greater profits than in this country. In it all is the essence of selfishness, the essential work of schemers.

A like measure is that for the increase of magazine postage. The selfish interests involved in this may be an interested factor, but the magazines themselves believe it is an effort on the part of certain officials to get revenge upon the publishers. Certain it is that many of the leading magazines have been more fearless in denouncing fraud and exposing evil schemes, than have the daily or weekly press, and it may be that official schemers would silence the fearless voice, even though in doing so they must put an additional tax upon the reading public, and keep before the people only such literature as sanction or keep hidden the nefarious acts of certain officials. Certain it is there is no plausible excuse for the increased postage on magazines. There is no justice in it, there is no demand for it, and there is nothing in the relationship of the magazines to the people or the government that would justify singling out that class of publications to bear burdens not imposed upon all.

There are dark sides to the United States post office department. There are secret chambers there to which the people, the masses, are never admitted. If the agitation growing out of this attempt to restrict the reading of American magazines, should force open these secret doors and drive out the evils that have crept in there, and thus restore the department to its legitimate field of honestly and faithfully serving the whole people, then may we well thank Mr. Hitchcock for overstepping himself in trying to accomplish so unjust and unreasonable a scheme.

But in all these things the lesson is to the people. As we have said, the people are many and the schemes are few. A united people are invincible. Whoever accomplishes the wiping out of the lines that divide the common people, will once more make ours "a government of the people, by the people and for the people." In this great act the farmers must play an important part.

The Tobacco Growers Opportunity

IT IS wonderful how long it takes farmers to learn and appreciate their business relations to other people to the extent of inducing them to co-operate and act in such unison as to enable them to do business like other people do. To get them to do that is a work of education in some cases, apparently a long and tedious work.

This is the very sensible view taken of this matter by the Burley tobacco growers of Kentucky. For several years they won most notable victories in the effort to control their marketing and price, but all the time there were enough who refused to co-operate with them, enough dumpers, to comparatively neutralize their best efforts. These dumpers, to whom the purchasers held out extra inducements to keep up division among the growers, gained more from the efforts of the society than did the members themselves. These gains, it is true, were only temporary, and came almost in the form of a bribe, but it had its effect and made the work of the society not only a hard job, but measurably an unthankful one. They now propose to let the growers have a season "at school." They may learn from experience what so many have refused to learn from wise teaching and patriotic example. We believe the conclusion a wise one, and will do everything in our power to aid in the work of education. We know what the growers can do if they will. They, themselves, have proven that; and we believe farmers will some time reach the point of complete co-operation so as to again accept a definite and successful plan.

The Government and the Egg Market

WE HAVE the following direct from the department of agriculture. It comes in the form of a press circular sent out by the bureau of animal industry to be published in newspapers and magazines as editorial or department matter in the publications to which they are sent. Let us charitably believe these articles are sent out purely in the interest of the public, and to give wider scope and increase the benefit of the good work of the department. We publish the following just as it came to us:

An active campaign for the improvement of farm eggs in the middle west was undertaken last summer by the Bureau of Animal Industry of the United States Department of Agriculture. This work was preceded by a general survey of the field in the spring of 1908, which showed that an enormous loss was being sustained annually as the result of spoiled and deteriorated eggs. This loss results from the ignorance, carelessness, or indifference of the farmer and from the dilatory and unsatisfactory methods of marketing in vogue. The actual money loss is suffered mainly by the farmer, while the loss in quality is borne by the consumer. A report of this preliminary investigation was published as Circular 140 of the bureau of animal industry.

The campaign of the past summer had for its ultimate end the improvement of conditions surrounding the handling and marketing of eggs, and consequently the improvement of the quality of the egg itself as it reaches the consumer. Coincident with such improvement there will be a saving to the farmer of a great part of the money loss at present sustained.

The efforts have so far been directed mainly to education in better methods, cooperation with egg buyers and state authorities, and experimentation. The actual work has been done mostly in the state of Kansas. The educational work has been done by department field men among the farmers and impressing upon them the necessity of keeping eggs intended for market in a cool, dry place and of marketing them frequently. Incidentally they have given the farmers help whenever possible in the practical management and breeding of poultry, and have urged the keeping of purebred poultry.

The bureau sought and obtained the cooperation of the egg buyers of Kansas, and as a result the "loss-off" or quality system of buying was brought into use. By this system the bad eggs are rejected and only the good eggs paid for. There is no measure which has such a definite and far-reaching influence for the improvement of the commercial egg than the general adoption of this system of buying and selling. The state food authorities also co-operated by prosecuting under existing state law cases where bad eggs were sold. On account of the material improvement affected in the Kansas eggs, the movement has spread to adjacent states, and efforts are being made to secure uniform legislation in many of these states so as to establish the loss-off system of buying at least during the hot months.

In the work of investigation various lots of eggs were traced from the time they were produced on the farm until they reached the packing house, in order to determine the factors causing deterioration and to study how conditions of handling and shipment may be improved.

The results thus far have been so satisfactory that it is proposed to continue the work in Kansas in about the same manner during the coming summer.

We are decidedly friendly to the national department of agriculture, and we are always ready to second and sustain its every effort for good to the agricultural people of the United States. But this does not prevent a proper study of these efforts themselves, and we want everything that is given to the people to mean just what it says. The object of this work of the department is declared to be to improve the quality of eggs. If the quality of eggs is improved it must be done before the egg is produced, by better treatment and better feeding of the hen. Nothing of this kind is suggested. On the contrary the "work has been done(at great expense, of course.—Ed.) by department field men going among the farmers and impressing upon them the necessity of keeping eggs intended for market in a cool, dry place and of marketing them frequently." This is taught by every poultry publication and every paper that has a poultry department, and at absolutely no cost to the government. But the campaign of the past summer had for its ultimate end the improvement of conditions surrounding the handling and marketing of eggs, and consequently the improvement of the quality of the egg itself, as it reaches the "packing house" and the consumer," not as it comes from the hen to the farmer. The farmer must see to it that the packers get the eggs promptly, reducing their risk and city consumers get better eggs whether he does or not. Hence, the efforts of the department have been so far directed mainly to "co-operation with eggs buyers and state authorities," to secure more stringent laws against farmers who sell eggs, and "prosecuting under existing state laws cases where bad eggs are sold." As a result of this work "the 'loss-off' system of buying was brought into use," and none but good eggs are paid for, but as far as our information goes the producer gets no more money.

We submit in all fairness and candor if the farmer or egg producer is not the only one who suffers from these restrictions? We agree that none but good eggs should be taken to market, and we urge our readers to be careful and strictly honest in this regard, but neither farmers nor their wives have a means of testing eggs at home, and if they accidentally take a stale egg to market, this effort of the department is directed to their prosecution, the farmer, not the buyer or subsequent seller.

Everything in these lines is primarily directed against the farmer, and there are few indeed to argue his case for him. It is very clear that even the department of agriculture has more care for the buyer of the farmer's stuff than for the producers of it because, the "various lots of eggs were traced from the time they were produced on the farm until they reached the packing house.

All this demonstrates more and more emphatically that if the farmer's rights are secured or protected they must do it themselves; and to have the power to do it they must cooperate all over the country.

Denmark's Success---It is Team Work

The bacon and eggs of the "Land of Hamlet" are of more real interest to the world than Elsinore castle, where Hamlet lived. For Denmark is the schoolmaster of the world in the matter of bacon and eggs and butter and the like.

One of the smallest nations of the world, and not long ago one of the poorest, Denmark is today leading the world in certain agricultural matters, and leading Europe in per capita wealth.

Co-operation is the keynote of Danish success. Handicapped by poor soil and an unfavorable climate, the Danish farmers have, by pulling together, made Denmark famous the world over for its butter, eggs and bacon.

When you buy an egg in Denmark you find it is stamped with the name of the man who owns the hen that laid it, and with the brand of the cooperative poultry society to which the man belongs.

The stamp is a guarantee that the egg has passed a most rigid inspection. It has made Danish eggs the most sought after eggs in Europe and the highest priced. The same is true of Danish butter and bacon. Through cooperative organizations and frequent and rigid inspection of products, the standard has been raised till a Danish brand on butter or bacon is an absolute guarantee of purity and excellence.

Thus by pooling their interests and hiring experts to advise them and to run their creameries and co-operative slaughter houses, the Danish farmers have worked up in less than fifty years from near the bottom of the prosperity column to the very top.

So really a keg of Danish butter is of more vital interest to the world than Elsinore castle, and the Danish dairy maid than the ghost of Hamlet's father. For the butter represents the product of the cow that made Denmark famous—and the girl represents the Danish people—honest, industrious, virtuous, democratic—one of the most admirable races in the world.

April Fourth

THE American Congress died a legal death on the fourth of March, and patriotic, thoughtful citizens breathed a sigh of relief that it had passed away without the enactment of certain measures that were before it. While in reality our Congress, like a king, never dies, a new one immediately taking the place of the old, the new Congress would not meet under the constitution until December. But President Taft has some measures he is unwilling to permit the people to consider until that time, or he is unwilling for the special interests concerned to do without their benefits until that time; so he has called the new Congress to meet one month after the demise of the old, or April 4.

We are told that the measures the President hopes to secure the adoption of, above all others, is the ratification of the Canadian agreement, the increase of postage on American magazines, and some sort of a ship subsidy bill. These are all measures that are obnoxious to the masses of the people, but they are being vigorously pushed by special interests that are to be greatly benefited by them. We KNOW the common people are opposed to these measures, but how can they make themselves heard by Congress? The farmers particularly must suffer from the ratification, but the farmers are busy. The President could not have chosen for Congress to meet at a busier time for the farmers, and we are justified in supposing that was one of his reasons for choosing that time. During the weeks following April 4, farmers can not conveniently hold meetings; they have little time to discuss these questions, and they feel that they can scarcely take time to write the briefest letters. Mr. Taft does take the farmers at a fearful disadvantage so far as making themselves heard is concerned, or of taking their legitimate or constitutional part in the affairs of the government. In December, when Congress would have met regularly, it would have been very different with the farmers. But the issues are made and the farmers must meet them or suffer.

The postage increase bill is also aimed directly at the country people. It is claimed that the postoffice department does not pay its way, a thing that not a single department of the government does; but in order to make the postoffice department do so, President Taft and his postmaster-general say we must increase the postage on magazines, and thus levy an additional special tax on those who are brave enough and intelligent enough to read the best literature of the country. But it is now intimated that Mr. Hitchcock, in consideration of the gains he expects from the increased magazine postage, will recommend the reduction of letter postage where letters are locally delivered. The cat really does leap out of the bag occasionally. We showed in a previous article that the increased postage on magazines would most affect country readers—that it would mostly be paid by them. Now he proposes in connection with that to make one cent postage in the cities where "letters are locally delivered." This is a clear case of "robbing Peter to pay Paul," of taking from the country people to give to those who live in the cities.

The ship subsidy measure is of like injustice to the common people. We have, therefore, before us a trio diaboli. The people of the United States have no more reason to give millions of dollars to shipmasters and owners than the farmers have to feed their crops to the crows and blackbirds that ravage their fields. The great shipping companies are monopolistic anyhow, and if the concentrated capital of the private interests of this nation can not run steamers on the ocean, let some one else do it.

The North and the South

THESE two great sections of the United States are engaged mainly in the production of different crops; that is, they look to different great staples for their principal income. But their interests are identical so far as getting their incomes out of those staples. The crops must be marketed to advantage so as to secure for them a profitable or equitable price. To accomplish that it is important that the two great sections work together. If the cotton planters glut their markets speculators and cotton exchanges and storers stand with eager hands to grasp the profits. If the grain growers glut their markets the result is the same. The elevators are open and ready to store the grain after it has been taken at dumpers' prices, to be sold again to the users at prices made by greed.

Those who profit by divisions among the farmers seek to keep the North and the South apart. They urge that cotton growers are buyers and not producers of grain and its products, and hence their interests center in the lowest possible prices for grain. In the North they say the grain growers are buyers of what is made from cotton and hence they should do all in their power to hold down the price of cotton. The facts stated are true and the action urged is plausible, but neither is a justification for rivalry or competition. The crops of the North and South do not compete with one another, and profits on any of them depend upon equitable prices. If both have equitable prices neither can wrong or use extortion upon the other. If the cotton planters have equitable prices they can cheerfully afford equitable prices to the grain growers, and vice-versa. If either assumes more than equitable prices, the other stands as a ready check to compel a return to equity. The only time when either can suffer from high prices accorded the other is when the speculative influences put the prices upon one article and down on the other. With the present system of marketing that is often the case. Equitable prices on both sides make such a thing impossible and the two acting together can easily secure equitable prices for both when neither alone could do it.

We wish the farmers North and South, East and West, the farmers of the whole country and the producers of all crops, could see their interests in this regard, and rally together to secure them. They will be given the opportunity. No lines must cut any figure then, and no crops must be left out of the proposition. Agriculture is as broad as the nation is, and farmers everywhere are working for the liberty and independence, the financial independence they have earned and deserve. They can have it by an honest and united effort. This has been proven by the progress in business already made. Farming is a business wherever anything is grown to be sold, and our appeal is simply a call to business for the agriculturists of the country. All too long has the farmer done the work while the other fellow has done the business and got the profits.

RECIPROCITY!



—Exchange

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the next term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$7.50@8.50
HOGS—At Chicago, per cwt...$7.00@7.50
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

Advice

Hold wheat, corn, oats, beans, broom corn. Market gradually hay, barley, buckwheat, cattle, hogs, cabbage and potatoes.

THIS spring can be congratulated on her good behavior. The weather was mild enough, and dry enough to permit more than the usual amount of work in the open ground, in March, but with enough cold weather to prevent fruit from pushing ahead of the supposed-to-be-safe season. Growing crops are generally in good condition, but there are sections where dry weather has damaged wheat. The wheat crop entered the winter period in very low average condition—82.5—as against 95.8 the preceding year. A favorable winter has probably improved the condition and the only great dangers to the crops now are dry weather, insects or rust. Preparations are making for very large acerages of spring wheat, oats, corn, and cotton, notwithstanding the low prices of the first three crops. Last year the south broke all records in acreage and yield of corn. That record will be broken this year as far as planting is concerned.



The visible supplies of the four leading cereals and cotton all decreased since our former report, the decrease of wheat and oats are particularly worthy of mention, because both of them increased in the same period last year. Also it is worthy of remark that corn decreased 631,000 bushels in the two weeks period, while the year before it increased 1,596,000 bushels. While the wheat, oats and barley visibles decreased in this country, each increased some in Canada.

Wheat is about 3 cents lower than two weeks before, but 19 cents lower than a year before. We did not get the cash price in New York on the 25th but baring that market St. Louis was the highest we quote, while all of them are higher than Chicago. Corn and oats did not change much in two weeks, but the former is about 13 cents (about 25 per cent) lower than a year before and oats is about 15 cents, or 33 1-3 per cent lower than a year before. Potatoes are bringing about the best prices of the season. We feel secure in predicting well sustained prices, with some further improvement, if holders will market conservatively and gradually. Broom corn shows no improvement in price. Eggs are suffering from too much politics. The agitation for shortening the storage period by law is reducing the usual demand for eggs to store, consequently lower prices.

News from Washington strongly point to the early consideration of the reciprocity agreement and its passage. Some person estimated that the farmers have already lost $53,000,000 because of this proposed agreement, in lower prices. We believe this sum does not begin to cover their loss to date. The loss in crops is not all. Values of farm lands are not as firm as they were and concessions need to be made, under trading prices even a year ago, to effect sales now. Wagners Market Letter says:

I have received nearly 1,000 special land reports, covering last sales. In the best farming districts in Illinois farm land values were around $75 to $90 in 1900, $140 to $160 in 1906 and $190 to $240 in 1910. This comparison applies to the whole country.

Investigation will show that land values increased just in proportion to the increase in the profits of farming and the profits all depend on price. Unless the prices of farm products are sent up very soon land values will drop as rapidly as they rose. This is as true as water will seek its level. Farm land will be rated exactly at what it will produce in *profits*.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports on March 18, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	March 18 1911 Bushels	Change from 2 wks. before Bushels	Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
WHEAT	44,003,000	—6,185,000	X 10,353,000	X 355,000	X 457,000
CORN	20,991,000	— 631,000	— 5,546,000	X 7,913,000	X 1,596,000
OATS	19,852,000	—2,514,000	X 5,305,000	X 5,030,000	X 801,000
BARLEY	1,795,000	— 206,000	— 2,564,000	—3,283,000	— 240,000

The visible supplies of grain in Canada on the same date were as follows:

Wheat, 21,632,000 bushels; gain in two weeks, 84,000 bushels. Oats, 6,601,000; gain in two weeks, 398,000 bushels. Barley, 425,000 bushels; gain in two weeks, 26,000 bushels.

VISIBLE SUPPLY OF COTTON

The aggregate world's supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Mar. 17 1911	Mar. 10 1911	Mar 18. 1910
American	3,363,872	3,506,882	2,927,607
Other Kinds	1,124,000	1,122,000	1,343,000
Total	4,487,872	4,628,882	4,270,607

The total visible supply decreased 425,429 bales in two weeks.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on March 25, two weeks before and a year before, as follows:

WHEAT, No. 2, RED	Mar. 25	2 Wks. before	A Yr. before
Chicago	88¼ @89½	92	$1.18@1.19
St. Louis	.90 @93½	96½	
Kas. Cty.	.89 @90	94	1.16@1.20
Cincinnati	.90 @92	95	1.18@1.20
New York		95¼	1.25

MINNEAPOLIS—Spring wheat, No. 1, hard, 97c; No. 1, Northern, 93@94½c. A year before, $1.14¾@1.16½, and $1.14¼@1.15½, respectively.

CORN, No. 2, WHITE				
Chicago	.46 @46½	47 58	@59½	
St. Louis	.46¾@47	46		
Kansas City	44	43½	60	
Cincinnati	48 @48½	48 61	@62	
New York		52½	64½	
OATS, No. 2, WHITE				
Chicago	.30¾@31	31¾	45	
St. Louis	32	32¼	46½	
Kan. City	31 @32	32½ 44	@46	
Cincinnati	32½@33	33½ 47½	@48	
New York		48½	@50½	

Future Grain Prices

Chicago grain futures closed March 25 and two weeks before as follows:

WHEAT—May, 88⅝c; July, 88¼c; Sep., 88⅜c. Two weeks before, 91@91⅞c, 89¼c and 88⅝c, respectively.

CORN—May, 47⅜c; July, 49⅜c; Sep., 50¾c. Two weeks before, 48⅞c, 49⅞c and 50¾c, respectively.

OATS—May, 30⅜c; July, 30⅝c; Sep., 30½c. Two weeks before, 30⅝c, 30⅝c and 30¾c, respectively.

Chicago Produce Market

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind.

POTATOES—Arrivals by cars, with comparisons, follow:

	This Week.	Last Week.	Last Year.
Monday	48	66	141
Tuesday	34	43	57
Wednesday	44	54	33
Thursday	26	32	43
Friday	36	35	74
Saturday	61	37	51
Total, 6 days	249	267	399

The market was firm at late advanced prices. For Saturday the trade was good. Local demand was quite active and there is a fair active outside trade. There is said to be some buying on speculative account.

The market was quotable as follows:

Per. bu. Michigan, round, white		
common to fair	$ 40@	43
Good to choice	44@	47
Fancy, sacked	48@	50
Wisconsin, common to fair	38@	40
Good to choice	42@	44
Fancy	45@	47
Extra fancy Dusty Rurals	48@	50

NEW POTATOES—Continue to sell in a moderate way. Offerings are ample and there was no material change in values.

Barrels, Bermuda, No. 1	$6 50@6 75
Boxes, 1 bu. Florida, red, very nice	2 50@
Hampers, Florida, red	2 50@
White	1 75@2 00

The price of old potatoes is 5 cents a bushel higher than two weeks before. New, Bermudas 75 cents a barrel lower; Floridas just beginning to arrive.

HAY—(March 24) Choice Hay firm. Demand good and offerings small. Medium grade steady. Inquiry fair and offerings moderate. Low grades very dull, scarcely any demand.

Choice Timothy Hay	$18 00@18 50
No. 1 Timothy	16 00@17 00
No. 2 Timothy	13 00@14 00
No. 3 Timothy	10 00@12 00
Kansas and Oklahoma Prairie, choice	15 00@15 50

Timothy Hay is slightly lower than two weeks before. Prairie Hay the same as before.

BROOM CORN—Steady for good quality which has some trade all the time, but common quality rules dull and easy.

Illinois Corn, per ton	$80 00@100 00
Oklahoma, per ton	70 00@ 90 00..

Poor, badly damaged and stemmy, no regular value.

The price is the same as two weeks before.

A report from Charleston, Ill., on March 20 said that 2,500 tons of broom corn was destroyed by fire at that place, valued at $300,000. The report also said: "This is estimated to be the United States supply of unused broom corn." We doubt the latter statement, but such a large loss should, eventually affect the price, to advance it.

BEANS—There has been nothing active about the market lately. On the other hand dealers have quoted it quiet. From what has been said of the market the arrivals have been very moderate, and offerings the same. Supply has remained ample for the demand, since this was tame. Prices have ruled steady and no change has taken place lately. Quotable as follows:

Pea Beans—	
Hand-picked, choice	$1 86@1 93
Good but not strictly hand picked	1 76@1 83
Mediums about the same as Pea Beans.	
Red Kidneys, depending on quality	2 75@3 00
Brown Swedish	2 50@2 75
Limas, California, per 100 lbs	6 50@....

The price is about 12 cents a bushel lower on Pea Beans, 25 cents lower on Red Kidneys, and 25c a cwt. lower on limas.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	19,024	14,865	15,199
Tuesday	16,043	12,153	23,564
Wed'sday	13,376	10,424	22,018
Thursday	10,361	10,982	13,284
Friday	17,571	12,677	17,188
Saturday	13,815	10,792	20,462
Total	90,190	71,893	111,715

Receipts, April 1, 1910, to March 25, 1911, 3,314,354 cases.
Receipts, April 1, 1909, to March 26, 1910, 3,236,597 cases.
Receipts, April 1, 1908, to March 27, 1909, 3,133,557 cases.

Trade continues good, but buyers as a rule not particularly anxious to purchase. Locally, a great many Eggs are being consumed, and, besides supplying home requirements, some outside orders are being filled, but the demand not so urgent from the latter source as of late. The receipts continue liberal and offerings sufficient to supply requirements, and some surplus stock around awaiting buyers. On account of the pending legislation regarding the holding of goods in storage, buyers are generally reluctant about purchasing for storing, but some Eggs are nevertheless, being taken for storage purposes and this takes part of the offerings.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned, 12½@13c, depending on quality.
Ordinary Firsts quotable at 13½c.
"Firsts" quotably 11½c per dozen.
"Prime Firsts" quoted at 15c.
Checks or Seconds quotably 10@10½c.
Dirties quotably 12@12½c per dozen, according to quality.

The price is about 1 cent a dozen lower than two weeks before.

APPLES—Largely a cooler trade as practically none is moving from the country. Prices remain high with no great danger.

Equity System Gives Good Returns Under Adverse Conditions

Mr. J. W. Bailey, of Charlevoix county, Mich., shipped a car of potatoes to the Equity System February 28. When the car started prices were higher, on account of cold weather that prevented the usual amount of shipping, which was resumed again with milder weather. So Mr. Bailey's potatoes were sold on a declining market. Also, there was a loss of 48 bushels from unmerchantable potatoes and frozen ones, a very unusual amount. This was the first car that the System handled that we felt the returns would not be entirely satisfactory, therefore we are gratified to publish Mr. Bailey's letter, as follows:

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

GENTLEMEN:—I am in receipt of your report on the car of potatoes with remittance of $160.55 to cover. I will say that I am entirely satisfied with the amount. I am about ten miles from shipping station, so I loaded at a loggery station and the freight and demurrage to Boyne Falls was 2 cents a bushel where the price was 18 to 20 cents at the time of shipping. I figure that the Equity System made me 5 cents a bushel, notwithstanding the loss by frost and rejections.

The farther we go in the Equity System of Marketing the more the fact is demonstrated that the middlemen have been charging entirely too much for their service. This System will eliminate a lot of them or compel them to pay what stuff is worth.

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each subscriber of Up-to-Date Farming, or member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work on them. In a few days after you mail the blank, below, you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is now free for a short time to SUBSCRIBERS whose time is paid in advance as well as to MEMBERS.

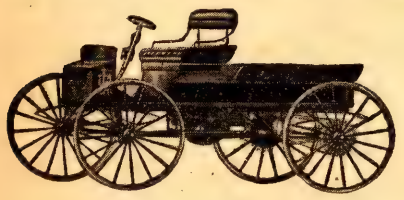
Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....
R. R..... Shipping Station..... State.....
Are you a member of F. S. E.....
Are you a paid in advance subscriber to Up-to-Date Farming.....
April 1 1911

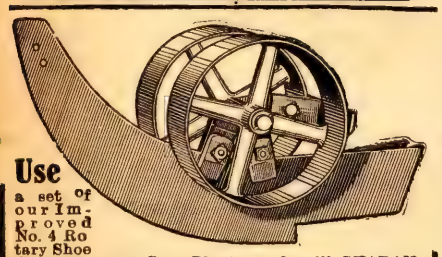
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Farmers



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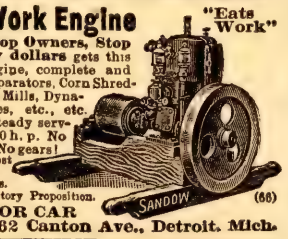
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Send for our FREE booklet, "3 Ways to Plant Corn."

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UP-TO-DATE FARMING

Production and Marketing

MORE GRAIN HELD THAN USUAL

ACCORDING to the government reports there is more than the usual amount of grain held by the farmers. The amount of wheat still in the farmers' hands March 1, was reported to be 179,690,000 bushels, or 25.8 per cent of the crop of 1910. The amount on hand March 1, a year ago, was 173,344,000 bushels, or 23.5 per cent of the crop of 1909. About 54.5 per cent of last year's crop will be shipped out of the counties where grown, against 59.3 per cent of the crop of 1909. This indicates an increased local use of the wheat crop, or a diminished outside demand.

The quantity of corn reported held on the farms March 1, 1911, was 1,265,634,000 bushels, or 40.5 per cent of the 1910 crop. March 1, 1910 there was held on the farms, 1,050,-865,000 bushels, or 37.9 per cent of the 1909 crop. About 22.2 per cent of the crop will be shipped out of the counties where grown, against 23.1 per cent of the preceding crop. This indicates an increased local use of the corn crop also. The corn crop of 1910 is of better quality than was that of 1909. Of the former 86.4 per cent was merchantable; of the latter 82.6 per cent was merchantable.

The quantity of oats still on the farm March 1, 1911, was about 421,-535,000 bushels, against about 363,-159,000 bushels March 1, 1910. About 31.2 per cent of the crop of 1910 will be shipped out of the counties where grown, against 32.7 per cent of the crop of 1909.

The above information gathered and given out by the Department of Agriculture is quite interesting, but there is a question as to what class of people it benefits most, the producers of the crops or the purchasers and storers of them—the farmers, or the speculators. If these statistics were given in connection with like statistics of the probable demand, it might be of great benefit to farmers in setting their future crops, with a view to having enough, but not too much, and thus maintain equitable prices. But this can not be the purpose of the reports, for farmers are all the time urged to produce more and more no matter how much may be on hand.

There is a class, however, that this information is very valuable to, and that is those who bought on the earlier markets and stored for speculative purposes, or who wish to continue to buy for that purpose. We would really like to know which of these classes, the farmers or the speculators, the department has in mind in gathering and publishing these statistics.

THE ANNUAL HUNT

YES, the average farmer is a hunter, and his hunting season comes on once a year, generally in the springtime. The annual hunt is well under way now; in most farms we suppose it is pretty well over for this season. It is the annual hunt for farm tools and implements. Don't smile. It is surprising how many of these valuable and necessary things are left where they were used last, to suffer all the inclemency of the weather, to have their location forgotten, and to involve a vexatious search when they are needed again. These troublesome hunts give birth to many good resolutions, and there is full determination to put everything away next fall; but when next fall comes, surroundings are much the same feelings are much the same, as are also the habits, and the foundation is laid for another hunt.

A very handsome line of samples will be sent by the President Shirt Co., 114 Wyoming St., Baltimore, Md. Select your shirts at 50 cents each. They pay delivery charges. Send for the samples.

PURITY OF SEED

THE farmer that buys ordinary seed, no matter what the kind, because it costs less, makes a mistake. "Like produces like." One must not expect a good crop of good stuff from anything but good seed, and a few cents difference in price for the quantity required for seed must not be counted in comparison with the better quality of the whole crop.

But it must be borne in mind that price does not always determine the quality. Where the seller has a chance to do so a high price may be put upon inferior seed, and the purchaser may not be able to detect the fraud. This makes it important to deal with reliable people. The farmer must be wise in the purchase of seed. Never try to save money in the price, though when you are sure the difference in price means a difference in quality.

In the purchase of small seeds, the grasses and the clovers, watch for adulteration with a design to increase profits, perhaps, but a mixture with undesirable seeds. Seeds of some of the very worst weed pests are difficult to detect in the small seeds, and they thus become a serious problem. Of course seeds should never be saved from fields infested by these pests, but they are, and the purchaser is at a disadvantage in this regard. On this subject the Department of Agriculture has published some valuable information with illustrations. The bulletin can be obtained free for the asking.

The RACINE ALUMINUM SHOE



THE FARMER'S AND WORKINGMAN'S FRIEND. SAVES YOU $25.00 A YEAR. Soles of HARDENED ALUMINUM, the new metal, tops of extra grade Grain Leather. All the advantages, none of the drawbacks of other Metal Shoes. Cannot Rust, Lighter, Stronger, Sanitary, Water and Snag-Proof. Outwears 6 pairs of All-Leather Shoes. Flexibility not found in Steel Shoes. You Don't Have To Walk Flat-footed Cushion-lined. All sizes, tan or black, laced and buckled tops, 6 inches high at $4.00; 8 inches at $5.00; 12 inches at $6.00; 16 inches at $7.00. Guaranteed, money refunded if not satisfactory. Send order, stating size and style wanted, to
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The hard, irksome sweaty labor with a hand shear; the tired, aching swollen wrist of the shearer; the maimed and mangled sheep from it; the uneven shearing, cutting the animal in some places and leaving an inch of wool in others; the fleece in shreds and tatters and spoiled with second cuts, OR the easy turning, fast, even shearing of a
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This machine turns easier and shears faster than any other shearing machine we have ever produced. It is a big advance over anything else on the market. Get one from your dealer or send $2 and we will ship C. O. D. for the balance. Write today for new 1911 catalogue and our free copyrighted book, "Instructions on Shearing Sheep" by the leading American expert.
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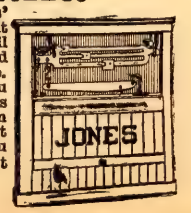


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For 45 years I have fought all trust combinations, have kept prices where any man could buy a first class scale at a fair price, and have protected the dealer. Now he is controlled by the trusts and says that if I sell my scales to you, that I can't sell to him. All right, I am ready to fight for you. My price is the same to all. Money talks, and you can buy scales on approval to be paid for on agreed terms at dealers' prices. Money or credit talks, and your request will bring my offer on any kind of a scale, big or little. Money talks, and if you need them, I have scales to sell and the inclination to fight for you against that trusts which says you must pay a dealers' profit to get my scales.
Write me and soon.





"Jones, He Pays the Freight" 23 Lea St. Binghamton, N. Y.

THOUGHTS GATHERED FROM EVERYWHERE

THERE is a rather wide-spread fear of chinch bugs this season, and they may be destructive in some places. There is no means of knowing how general they may be. The cleaning up and burning of rubbish about the farm, and burning over fields containing tufts of grass are safe precautionary measures anyway.

Chinch bugs will not work in cow peas, clover or flax; and in places where it is known the pests will be numerous, strips of these crops between small grain and corn might help to save the corn.

Imagine a manufacturer loaded up to the limit with raw material and his machinery running to its full capacity to supply a strong demand at prevailing high prices; then let there be a drop in the price of his goods like there was in the price of farm products last fall. There'd be something doing in trust circles, wouldn't there? How many manufacturers would favor free trade in manufactured goods just then? How many farmers favor free trade with Canada just as the price of their own stuff is going below the profit mark?

Farmers buy goods and they pay the prices asked. When they sell goods is it any more than right that they have prices to match? We would be glad for the trust magnates who are trying to force Canadian reciprocity on the farmers, to stop long enough to answer that question.

The plows were all rusty a few days ago, and there was some worry about making them "scour" in the mellow spring soil. But we are a little bit mistaken; the plows were not all rusty; those that were last fall treated to a coat of crude oil were not rusty this spring.

Again we urge to make good use of the wood ashes. Whether rich in potash or not they improve the condition of the soil and increase production.

Clover improves any land where it can be induced to grow, and where clover won't grow the land needs treatment—drainage—to carry off the surplus water or lime to destroy the acidity. The clover roots penetrate and loosen the subsoil, the nodules catch and store nitrogen and the stalks turned under make humus. The roots do that to an extent also, whether the clover be turned under or not.

Sweet corn is a splendid fodder crop, especially if it is to be fed green, and it makes more feed to the amount of stalk than any other corn. It is one of the best of dairy feeds.

There are stumps here and there in the fields that have been plowed and worked around for years. They are troublesome. Can't you get time this spring to take them out and away? Get after them as odd jobs if you can't reach them any other way.

It is not "good enough" until it is done just right. "That will do for this time," won't do for any time. A gap or a gate fixed "good enough" has made more mischief than almost anything else on the farm. Do it right while you are at it, and stick to it until it is done.

The best meadow for use at home or for market is timothy and clover mixed. Let the stand be two-thirds timothy to one-third clover. The clover ripens a little ahead of the timothy, and that invites cutting the timothy a little bit early, a good plan anyhow.

There are more or less of creeks and drains on every farm. If there are not there ought to be. The fall is the time to see that there are nicely opened and entirely free from obstructions. But if this was not attended to last fall, see to it now. An obstruction may quickly create a damaging washout.

The drag is as useful in the field as it is on the road. It is one of the very best helpers in preparing the seed bed. It may be used before or after the harrowing, or between two harrowings. Try working diagonally either with the harrow or the drag. Start in at the corner of the field, and go straight to the opposite corner. Turn to the left, cross over the first track, and go down on the other side of it. So continue until the field is finished, and when it is done it has been harrowed or dragged twice, both times diagonally across the plowing, and the effect is of the very best.

Farmers are frequent movers. Don't move for fun. There is no fun in it. Many have been benefited by a change of location, but it is a thing not to be undertaken lightly. Know what you are doing, it is too serious for guess work.

A Catalog That Has Real Value

Fruit growers and all who are striving to protect their fruit and vegetables against their enemies need a copy of the new and handsomely illustrated catalog just issued by the Goulds Mfg. Co., 95 W. Fall St., Seneca Falls, N. Y. It contains full directions how to spray various fruits and berries, what spray to use for the numerous diseases of each, and how to mix the right spray solutions to effectively combat these diseases.

She Was Doing That

Impatient Young Man—I suppose your sister will make her appearance soon.

Little Brother—That's what she's a doin' now or she'd a been down!

Farmers can be independent of all outside agencies and make their own rope. A simple little machine has been invented that every farmer should have. Agents can make big money. Send for full particulars to Chicago Appliance Factories, Dept C1, 17 Quincy St., Chicago, Ill.



INSURE THE HARVEST PROFIT

THE profit from all the work, time, and money you put into your grain fields in the spring and summer depends on the harvest. Preparing the soil, planting good seed, and caring for the fields while the grain is growing—all are important—but the harvest is most important of all.

You must appreciate how much depends on the harvesting machines you will use. You know that you cannot afford to risk using a machine that may break down during the few days in which you must harvest the value and profit of a hundred day's work. Why not take a lesson from the experience of millions of other progressive farmers by choosing one of the six famous I H C harvesting machines?

Champion McCormick Osborne
Deering Milwaukee Plano

Your time cannot be used to better advantage now than in looking over your present equipment and in investigating new machines if you are in the least doubtful of the capacity of your old machines to stand the strain of another season's hard work.

Above all, your harvest must be carried on without interruption. The rapidly ripening grain waits for no man. Delays at harvest time are too expensive to risk. Your harvesting machines must be right.

IHC Service Bureau

The purpose of this Bureau is to furnish farmers with information on better farming. If you have any worthy question concerning soils, crops, pests, fertilizer, etc., write to the I H C Service Bureau, and learn what our experts and others have found out concerning these subjects.



It takes time to consider carefully before deciding on any harvesting machine. You not only want dependability, efficiency, strength, and durability, but you also want a machine backed by a reputation that insures all these things. You want a machine backed by an organization that insures your getting absolutely interchangeable parts quickly in case of emergency. Don't overlook that vitally important point.

Many years of experience and constant improving has placed I H C harvesting machines in a class by themselves. Whether you choose a Champion, McCormick, Osborne, Milwaukee, Deering, or Plano, you are assured of a machine that is built according to the best principles of construction worked out by I H C experts after years of careful observance of harvesting machines at work, under every condition, in the fields of thousands of farmers throughout the country.

Why not see the I H C local dealer at once? Now, while you are not nearly as busy as you will be later, is the time to give the harvesting machine question careful thought. Before another sunset insure the profit of a hundred days. Let the I H C local dealer tell you which of the six I H C harvesting machines is best for your requirements—Champion, McCormick, Osborne, Deering, Milwaukee, and Plano—all of the highest quality. Do not overlook their efficient lines of haying machines and tools.

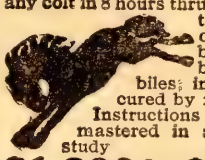
Don't experiment with binder twine, either. Get one of the seven perfectly dependable brands of twine and be sure. Choose Champion, McCormick, Osborne, Deering, Milwaukee, Plano, or International—in Sisal, Standard, Manila, and Pure Manila brands.

If not convenient for you to call on the I H C local dealer this week, write at once for catalogues and any information you especially desire.

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Several of my pupils are making big money giving exhibitions in different cities. Others train horses at home, making $15 to $25 a head. You can do the same.

I have graduate pupils in every walk in life—**Farmers, Professional Horse Trainers, Horse Breeders, Riding Masters, Teamsters, etc.**

I have two courses—one, "How to Train a Colt to Drive, and Break Horses of Bad Habits"—the other, "How to Ride and Train the Saddle Horse; Different Gaits and Fancy Steps."

Let me send you my **Free Book** on horses, and the opportunities open to you. Write today, now, while you think of it, for **Free Book.** Also tell me about your horse. (14)

Prof. Jesse Beery, Box 66, Pleasant Hill, Ohio

When writing to Advertisers don't fail to Mention Up-to-Date Farming

Ten Days FREE TRIAL

Freight Prepaid Guaranteed 10 Years

Write today for free trial offer. See how you can get this big labor-saving machine, freight prepaid for 10 days' free trial, without trouble or red tape. Sharpen all your farm tools, and if you send it back I'll pay the return freight, too.

Luther Farm Special Tool Grinder
25 TIMES FASTER THAN GRINDSTONE

Will Not Draw Temper From Steel

With the Luther Farm Special Grinder there is no need of cooling with water, or no danger of drawing temper from steel, because the wheels are

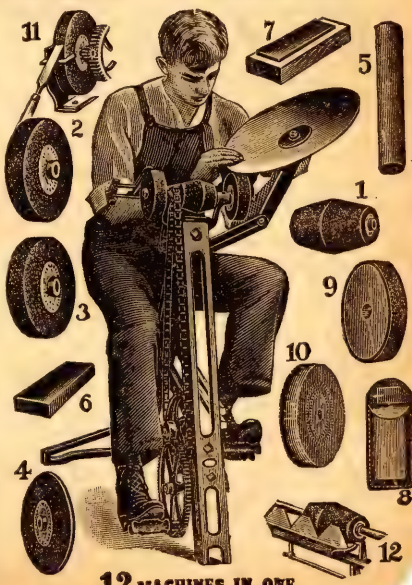
Genuine Carborundum

the most wonderful sharpening substance the world has ever known. But beware of imitations with high sounding names. Get the Luther Grinder with the genuine, ten year guarantee, Carborundum wheels.

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Answer this advertisement today and get particulars of my free trial offer. You'll be under no obligations. I will also send you the interesting story of Carborundum. Write today sure.

Luther Grinder Mfg. Co., C. J. Luther, Prest., 194 Madison St., Milwaukee, Wis.



12 MACHINES IN ONE

DELIVERED FREE
Set Up Free
Started Free
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FREE TRIAL



You pay no freight—pay nothing in advance—risk nothing—go to no trouble—take no responsibility. That is the sort of free trial you can have of the

SHARPLES
Tubular Cream Separator

Ask us for it. The Dairy Tubular is later than and different from all others. Twice the skimming force of common separators, therefore skims faster and twice as clean. Repeatedly pays for itself by saving cream no common separator can get. Free from disks and other contraptions. Wears a lifetime. Guaranteed forever by America's oldest and world's biggest separator concern. Far cheaper to buy one Tubular for life than risk anything on any (so-called) cheap machine, the average life of which is one year. You can own and use a Tubular for less than any other make.

Write for catalogue No. 136 and free trial.

Sharples 30 Yrs

THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore.
Toronto, Can. Winnipeg, Can.

$15.95 AND UPWARD



AMERICAN SEPARATOR

SENT ON TRIAL, FULLY GUARANTEED. A new, well made, easy running separator for $15.95. Skims hot or cold milk; heavy or light cream. Different from this picture which illustrates our large capacity machines. The bowl is a sanitary marvel, easily cleaned. Whether dairy is large or small, obtain our handsome free catalog. Address

AMERICAN SEPARATOR CO. Box 1149 BAINBRIDGE, N.Y.



BEN-HUR TROUGH

Geel That Trough Looks Good to Me. "It's the best trough in the world" for Hogs, Sheep and Calves.



It is a self-feeding trough for all kinds of dry feed. It's fine for water, slop, bran-mash and skim milk. Hogs cannot root into or cross over this trough. Feed can't get out of hopper except as it "feeds out." Made of galvanized steel, no wood to rot or cast iron to break or rust. "Users say it can't be broken & won't wear out." Ben-Hur Mfg. Co., 127 Wabash Ave., Crawfordsville, Ind.

Saves its cost every year. Write for Prices.



ABSORBINE

Will reduce inflamed, strained, swollen Tendons, Ligaments, Muscles or Bruises, Cure the Lameness and stop pain from a Splint, Side Bone or Bone Spavin. No blister, no hair gone. Horse can be used. $2.00 a bottle, delivered.

Before After Horse Book 2 E free.

ABSORBINE, JR., for mankind, $1 and $2. Reduces strained, torn ligaments, enlarged glands, veins or muscles—heals ulcers—allays pain. Your druggist can supply and give references. Will tell you more if you write. Book Free. Manufactured only by W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.



SILOS OR ROUND BARNS

SHOULD BE CONTRACTED FOR BEFORE CORN PLANTING. CAN SERVE YOUR SELF AND NEIGHBORS BY BUNCHING THEM IN CAR LOTS AS WE SHALL PAY FREIGHT OVER THE ROAD ONCE ONLY FROM THE MILL

EARLY BUYERS SAVE MONEY

DIRECT TO YOUR HOME TOWN

CATALOGUES OF SILOS, CUTTERS, DISTRIBUTORS & CATTLE STANCHIONS FOR BOTH POWER AND FEEDERS

KALAMAZOO TANK & SILO CO MICHIGAN

CHOICE BIG WOOL-MUTTON MERINOS

Ewes with lamb at side. Lambs sired by one great est rams in Ohio. Inspection at station before money is paid. H. M. CULBERTSON, ZANESVILLE, O.

CALVES. Raise Them Without Milk
Booklet Free.
J. W. BARWELL, Waukegan, Ill.

UP TO DATE LIVE STOCK AND DAIRYING

THE CALVES DURING SUMMER

IT USED to be the practice on the farms to keep the calves in a small lot, their only feed being the little milk they were allowed to take from the cows at milking time. The result could not be other than a stunted calf and scrub stock.

We are glad that practice has gone with the years; though we must confess a worse one seems to have taken its place, that of vealing the calves when a few weeks old. That practice is fearfully depleting the supply of cattle on the farms and in the country. Let us hope that farmers may quit selling their calves, and then we may expect them to practice the better method of raising better calves and having better stock.

Even though the calf is permitted to suck the cow, it should have a good pasture of tender grass all through the summer, beginning early in spring while the calf is still very young. Those who have not observed it will be surprised how soon the calf will learn to nibble grass and the older it gets the more it will take and the less need it will have for milk. It may also be taught to eat shelled corn at a very early age, and it is well for the calf to have a little grain, even though it may have plenty of grass. Any young animal builds itself up of the material contained in its feed. If it is short of feed it is bound to be short of building material, and an unfinished structure is the result. And the painful part of the matter is if the material was lacking at the time when nature, the great builder, needed it, that part of the structure was patched up and passed over, so that no matter how abundant the material might be later, the defect can not be repaired. It may be recovered and more effectively hidden, but it can not be made what it would have been had there been no deficiency.

The idea is to never let a young thing go hungry. The sensation of hunger is simply a call for building material, and if that call be not heeded and the material supplied there will be a defect in the structure. Nature does no "monkey business," and it never puts anything off.

FEEDING CATTLE WHILE ON SUMMER PASTURE

THE rule is to feed cattle for market during the fall and winter. That has never been our practice. We prefer to feed during the pasture season. It is certainly a great saving of grain and the more costly feeds, and we have always found a better market at the time when summer fed stock is ready than at the time for marketing fall and winter fed stock. In other words, we make it cheaper and get more for it. Hence, we can fully endorse the following, which we clip from an exchange:

First. The spring and summer market is most always higher than the winter market. I have known winter feeders to sell for four and five cents when spring and summer feeders brought six and seven.

Second. Spring and summer fed cattle are fattened much cheaper. The grass keeps them in a healthy condition and they do not require near so much grain to bring them to a marketable condition.

Third. The farmer is at no expense in providing shelter from snow and sleet and biting winds. A wooded grove will furnish refuge from the hot sun at midday.

Fourth. The cattle are not exposed to the severe cold of winter and neither is the farmer. So there is no danger of the herd consuming their food for heat instead of fat, and the farmer does not suffer from cold hands or frost bitten toes.

COOKING FEED FOR HOGS

THEORY is not worth so much as the actual test of practice, and what "experts" teach is not always worth doing. A few years ago the expert publications were full of the importance of cooking feed for hogs, and many farmers provided themselves with tanks and boilers in which to cook the feed. This cooking business cost work and money, but it wasn't worth a cent. Actual tests have been made, and have been repeated time and again with the same result, that cooked feed pound for pound, is not worth so much as uncooked feed; that cooking corn meal, barley, wheat middlings, etc., lost them about ten per cent in value as feed for hogs.

The "experts" argued that since human beings cooked their food, cooked feed would certainly be better for hogs. They forgot that the hog is a natural animal, and that its feed is provided in a natural way, and that it is more valuable to the animal as nature prepared it. At all events, tests prove that to be the case.

There are feeds, however, whose very nature is changed by cooking, such as are better feed after being cooked than before. Such is the common potato. Cooked potatoes are eaten better by hogs than raw ones, and are more nutritive when cooked than raw. Therefore, if potatoes are to be fed to hogs it pays to cook them; but not the grains and such natural feeds.

A WONDERFUL STORY ABOUT HORSES

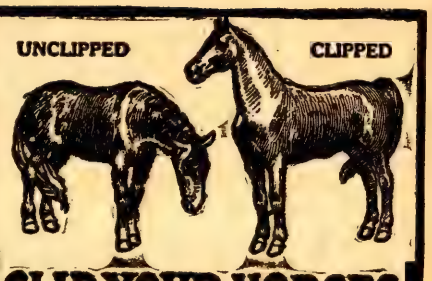
A simple little story about horses has done more to ameliorate the condition of the horse than any other factor. The effect of "The Story of Kate and Queen," by Prof. Jesse Beery, has been felt in every section of this country. This interesting story, charmingly told by the prolific pen of the greatest horseman the world has ever known, can not help but be of interest to every reader of this paper.

The name of Prof. Beery is known and honored throughout the country for his wonderful feats of horsemanship. His fame as a horseman is equaled by his reputation as an author. In "The Story of Kate and Queen" Prof. Beery has put the results of his life-long work among horses. While the book was written to entertain it is full of interesting bits of useful information that can be put into successful practice by any one.

"The Story of Kate and Queen" has been offered absolutely free by its author and will be sent to any of our readers upon receipt of two 2-cent stamps.

Write to Prof. Jesse Beery, Box 66, Pleasant Hill, Ohio.

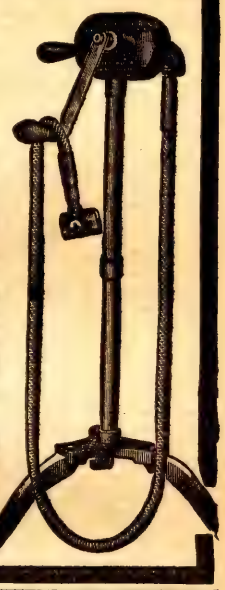
If interested in a money making, popular business, send to Armitage & Guinn, Dept. K., Springville, N. Y.



CLIP YOUR HORSES IN THE SPRING

Clipped horses have the best of it in every way. They not only look better, but they are fresh and full of life and vigor. Their feed does them more good, they rest better and do better work. They are not subject to coughs, colds, pneumonia, etc., which ruin many good horses. Clip before you put the horses at the spring work. You can clip a horse in 30 minutes with this

Stewart Ball Bearing Clipping Machine



It turns easiest, clips fastest and lasts longest of all clipping machines.
Anyone can operate it and do good work.
It has the famous Stewart one-nut tension knife—highest grade.
Price of machine, all complete, as shown, is only **$7.50**
Get one from your dealer or send $2.00 and we will ship C. O. D. for balance. Send today or write for our new 1911 catalogue.

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CHICAGO

NEWTON'S HEAVE COUGH, DISTEMPER AND INDIGESTION CURE

The first or second $1.00 can cures Heaves. The third can is guaranteed to cure or money refunded.



The Standard Veterinary Remedy.
Makes the Horse Strong and Willing to Work.
CURES HEAVES BY CORRECTING THE CAUSE which is Indigestion. Send for booklet "Horse Troubles." Explains fully about the Wind, Throat, Stomach and Blood. Newton's is safe for colt, adult or mare in foal
A GRAND CONDITIONER AND WORM EXPELLER
$1.00 a can at dealers, or express prepaid
THE NEWTON REMEDY CO., Toledo, Ohio

Horse Owners: Ten Cents



will prove that you can save dollars in time, trouble, labor and expense by using the Automatic "Clean" Curry Comb. Durable, effective, easy on the horse, and always clean. Send 10c to pay actual postage, state number of horses you own, and we'll send Comb postpaid. Wt. 10 oz. Price 35c. After 3 days' trial, send 25c or return Comb at our expense.
Clean Comb Co., 60 5th Street, Racine, Wisconsin

HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

United States Cream Separators

Are built to give the utmost satisfaction, at the lowest price at which complete satisfaction can be bought.

Absolute close skimming the hope of all separators, has been an actual accomplishment of the U. S. Cream Separator for over 10 years

Write for Catalog No. 187 and learn the reasons why.

VERMONT FARM MACHINE CO.
Bellows Falls, Vermont

this man was sore

He bought a high priced separator without investigating any other makes. When he failed to get the promised yield of cream he was disappointed, but when he found that his neighbor's Economy got all the cream and cost only about half he was sore.

Take no chances. Start right by writing today for a free copy of our Economy Chief Dairy Guide for 1911.

Sears, Roebuck and Co.

Chicago, Illinois

FREE TO FARMERS

A Valuable 160-page book entitled

"SILO PROFITS"



Written by 200 of the most successful Feeders, Farmers and Dairymen in the World. ☞ Every farmer in America should read this book, and as long as our supply of these books last we will mail one copy free to each person asking for it. It gives the actual experience of these farmers and in their own words.

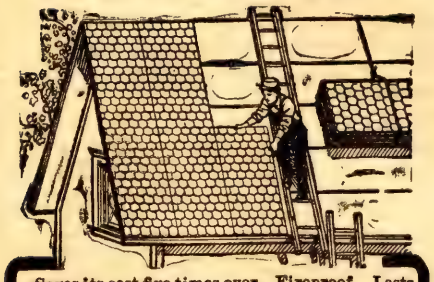
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Buy This Money-Saving "REO" Steel Roof



Saves its cost five times over. Fireproof. Lasts longer than building. Never needs repairs. Outwears four wood shingle roofs. Wears six times as long as 3-ply composition roofing. Reduces fire insurance rates 10% to 20%.

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are easy to lay. Just hammer and nails. No soldering. No tarring. Comes in stamped sheets of finest Bessemer Steel, 6 to 12 feet long, width 24 inches, either painted or galvanized.

Buy at factory-to-user prices. We pay the freight. We are largest makers of iron and steel roofing. Ask about our $10,000 Guarantee Bond Against Lightning. Write today for our new Free Money Saving Catalog 461. Send us the dimensions of your building.

THE EDWARDS MANUFACTURING CO.

411-461 Lock St., CINCINNATI, OHIO (44)

PINE TAR AND SHEEP

WE REMEMBER when a boy in the almost wild woods of southern Illinois, and the flocks of little scrub sheep ran at large in the forest, that every month or so father drove up his sheep and with paddle and tar bucket ready, would catch every sheep and smear its nose and forehead with tar. All this was brought forcibly to our mind by finding in a recent publication the following:

Pure pine tar is an excellent remedy for colds or cough and all lung disorders in sheep. A daub of tar upon the tongue will afford much relief. Tar upon the sheep's nostrils during the midsummer months will go far in warding off the gad fly. The gad or sheep bot fly is the cause of nasal grubs. This treatment is also beneficial in cases of catarrh. Where an entire flock is troubled with catarrh or "snuffles" as many shepherds term this ailment, the burning of a tablespoon each of tar and turpentine mixed will prove a great boon. To do this mix the two articles together, pour into a large pan and set fire to the mixture. This smudge treatment is of course done within the sheepfold. Drive the flock in, close the doors and windows in order to hold the fumes. Be sure to stay in the fold with the sheep and see that the smudge does not become too dense. It will not harm you but will prove a benefit to your lungs also. In case the smoke is too dense open windows until it has thinned down smewhat.

A mixture of pine tar and castor oil, equal parts, forms a great healing ointment for all forms of sores or shear cuts. It is also excellent to apply at time of docking or castrating to ward off flies and keep out germs. The best ointment, however, we have ever tried for foot scald, bad wounds, etc., is composed of pine tar, castor oil, powdered sulphur and coal tar dip, all equal parts, and mix thoroughly. This will heal both man and beast after all else has failed. Turpentine should never be put on a raw or fresh wound as it is too severe and will cause agony, but it is grand for healing wounds where poison or gangrene threatens.

There is certain healing power in turpentine where germs have gained entrance to a sore. In case of fly-blow turpentine is the remedy. It will put the fly larvæ maggot, out of commission in less time than it takes to tell the remedy. We have cured foul wounds, wherein the maggot was causing diseased flesh, with simply turpentine. Use a spring bottom oil can for the injecting. Turpentine and lard, one part of the former and three parts of the latter, will form an ointment which can not be excelled in the treatment of inflamed or caked udder in ewes. Rub and massage thoroughly, but not upon the nipples, as this would be repulsive to the lamb. This treatment is also of value where cases of inflamed udder occur at weaning time.

HORSE, MULE AND COW CLIPPING MACHINE

On another page we show an advertisement of the Chicago Flexible Shaft Company's machine that is used for clipping horses, mules and cows.

The clipping of horses and mules in the spring is generally conceded to be beneficial. The clipped animals not only appear better and are easier cleaned, but they dry off quickly at night, get good rest and are more vigorous and thrifty.

Dairymen now regularly clip the flanks and udders of cows every three or four weeks. It is easy to wipe off the parts then before milking and insures clean, uncontaminated milk.

It would seem that a good clipping machine deserves a place on every farm, and the Stewart Ball Bearing Machine, offered by the above firm, has a splendid reputation among users.

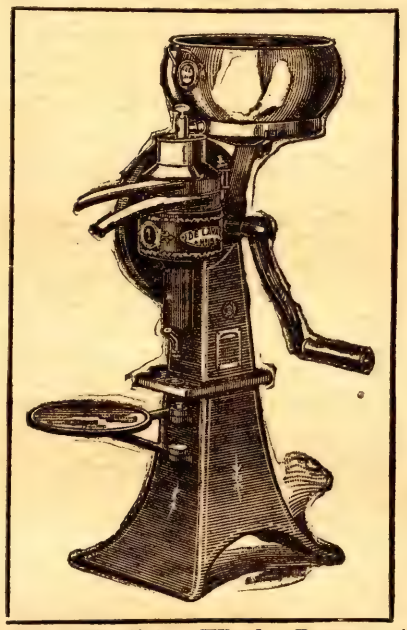
THE MILKING

MILKING is an act performed with living animals, an act of a decidedly delicate nature, and it should never be done thoughtlessly or hurriedly. The object is to take from a live animal a material manufactured and stored by a living organism; hence, as we have said, it is a delicate operation, and should never be performed as we perform acts with inanimate things like chopping wood, or burning brush, or sweeping a room. In milking life and feeling or sensibility are pitted against each other, and the cow and the milker should be friends and partners. The reckless milker that has no regard for the cow, and no thought except to get the milk the easiest and quickest way possible, will never have the best cows nor get the most milk.

Before you buy an automobile investigate the Pratt-Elkhart "40." Send for catalog to Elkhart Cariage and Harness Mfg. Co., Elkhart, Ind.

98% of the World's Creameries Use DE LAVAL CREAM SEPARATORS

Ten years ago there were a dozen different makes of creamery or factory separators in use. Today over 98 per cent. of the world's creameries use DE LAVAL separators exclusively.



It means a difference of several thousand dollars a year whether a DE LAVAL or some other make of separator is used farm users do not keep as ac- in a creamery.

Exactly the same differences exist, on a smaller scale, in the use of farm separators. Owing to the fact, however, that most farm psers do not keep as accurate records as the creameryman, they do not appreciate just what the difference between a good and a poor separator means to them in dollars and cents. Nine times out of ten the farmer can't tell whether or not he is wasting $50 to $100 a year in quantity and quality of product through the use of an inferior cream separator.

If you were in need of legal advice, you would go to a lawyer. If you were sick you would consult a doctor. If you had the toothache you would see a dentist. Why? Because these men are all specialists in their line, and you rely upon their judgment and skill. When it comes to buying a separator why not profit by the experience of the creameryman? His experience qualifies him to advise you correctly. He knows which separator will give you the best service and be the most economical for you to buy. That's why 98 per cent. of the world's creameries use the DE LAVAL exclusively.

There can be no better recommendation for the DE LAVAL cream separator than the fact that the men who make the separation of milk a business use the DE LAVAL to the practical exclusion of all other makes.

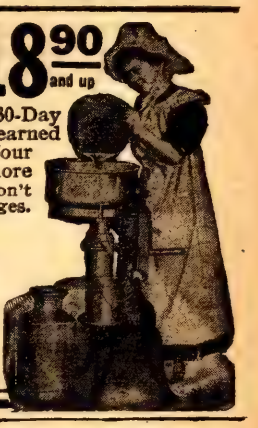
THE DE LAVAL SEPARATOR CO.

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SAVE One-Third the Cost of a New BUTTERFLY While You Are Trying it FREE for Thirty Days

$18.90 and up



Think of that! You can order a New Butterfly on our 30-Day Free Trial Plan and before you pay us a cent it will have earned enough extra money to pay one-third its cost. In three to four months it will pay for itself entirely and then go on making more money for you every day. You take no risk with a Butterfly. If you don't find it entirely satisfactory, you return it and we pay all freight charges.

Easiest to Turn—Easiest to Clean

You can test it alongside of any other separator made. Its patented one piece aluminum skimming device and its few simple parts make it the easiest to clean and easiest to turn of any on the market, hence just the separator for women. Write for our new 1911

Free Book and 30-Day Free Trial Offer

Find out the money you can save. Made in five sizes for herds of one to fifty cows. Guaranteed a lifetime. Send today for free catalog.

ALBAUGH-DOVER CO., 2185 Marshall Blvd., CHICAGO, ILL.

FREE! "A YARD OF ROSES" FREE!



"Yard of Roses" is conceded by everybody to be one of the grandest flower pictures offered this year; one yard long, on heavy copper-plate paper, in ten beautiful colors, making it so true to nature that you can easily imagine you are looking at the real flowers; over 300,000 sold in last 30 days; a handsome ornament for any home that you will always be proud of. To introduce our splendid family magazine and story paper, which already has a half million readers, we mail this grand work of art all charges paid to anyone who sends 4 cents to pay postage. We will also send you our special club plan for securing other copies of latest and choicest art reproductions without cost. Send at once before the supply of free pictures is exhausted. Address

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Don't Be Humbuged

Gabel's World Beater Pig Forceps is sold on 30 days free trial. Good, reliable agents wanted. Reference: Bradstreets and 1st Nat'l Bk, Hawkeye. GABEL MFG. CO., Hawkeye, Iowa.



Big News For Incubator Buyers

Famous Belle City Incubator wins "Tycos" cup contest over machines costing 2 to 5 times more—making it the Double World's Champion. Order Now—from this ad—to get in champion class quick. See below.

I. V. Rohan, Pres. Belle City Incubator Co.



$7.55 Buys Best 140-Egg Incubator

Double cases all over; best copper tank; nursery, self-regulating. Best 140-chick hot-water brooder, $4.85. Both ordered together, $11.50. Freight prepaid (E. of Rockies). No machines at any price are better. Satisfaction guaranteed. Write for book today or send price now and save time.



Belle City Incubator Company, Box 79 Racine, Wisconsin

HOUDANS Big Egg Laying Strain! First prize winners 1911 exhibition. Matings $2.00 and $3.00 per 15. Write for mating list; also S. C. Rhode Island Reds, prize winners, at $1.25 per 15 eggs. Satisfaction guaranteed. Stock for sale. STUMBAUGH BROS., St. Charles, Ills.



PFILE'S 65 VARIETIES

LAND AND WATER FOWLS. Farm-raised Stock, with EGGS in season. Send 2 cents for my valuable illustrated descriptive POULTRY BOOK for 1911. Write today.

HENRY PFILE, Box 615, Freeport, Ill.

Indian Runner Ducks White Plymouth Rocks

Fowls for sale. Eggs for hatching. Book "Indian Runner Duck Culture from A to Z," price 50c.

J. B. HOWE, Poultry Judge, Box M, Fortville, Ind



48 BREEDS Fine pure bred chickens, ducks, geese and turkeys. Northern raised, hardy and very beautiful. Fowls, eggs and incubators at low prices. America's greatest poultry farm. Send 4c for fine 80-page 17th Annual Poultry Book.

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Greider's Fine Catalogue

of pure bred poultry, for 1911, over 200 pages, 57 colored pictures of fowls, calendar for each month, illustrations, descriptions, photos, incubators, brooders, and all details concerning the business, where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. Send 15c.



B. H. GREIDER, BOX 48, RHEEMS, PA.



125 Egg Incubator and Brooder Both For $10

If ordered together we send both for $10. Freight paid east of Rockies. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them. Send for it today.



Wisconsin Incubator Co., Box 96, Racine, Wis.



140 EGG INCUBATOR and 140 CHICK BROODER

The incubator is California Redwood, covered with asbestos and galvanized iron; has triple walls, copper tank; nursery; egg tester, thermometer, ready to use. 30 Days' Trial—money back if not O. K. Write for Free Catalog today.

Both For $10

Freight Paid East of the Rockies



Ironclad Incubator Co., Dept. 48 Racine, Wis.

Quality Higher—Price Lower



We beat them all again. Get our DIRECT-TO-YOU proposition, low prices, and BIG FREE BOOK on SUCCESSFUL Incubators and Brooders before you buy anywhere this year—the greatest value ever offered. Catalog FREE—send name. If you want a book on "Proper Care of Chicks, Ducks, Turkeys"—send 10 cents.

Tried and Proven for 17 Years

Des Moines Incubator Co. 153 Second St., Des Moines, Ia.

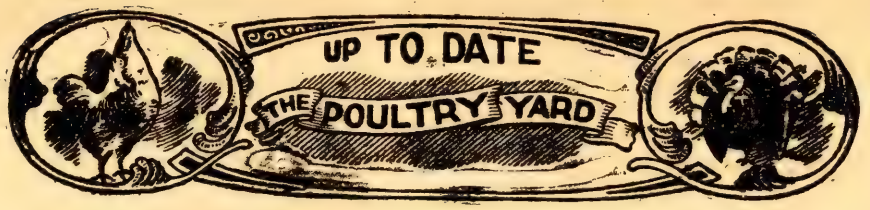
100 EGG HATCHING WONDER 750 DELIVERED



to any R. R. station east of the Rockies and North of Tennessee. Write for *special* price list elsewhere. Machine is 26 in. long, 21 in. wide, 31 in. high, with a clear top which can be used as a table. It has triple walls, nursery, chick drawer, egg tray, lamp, burner, thermometer, chimney, funnel, aluminum coated tank, etc. And it is made right, too—no cheap materials used. We use seasoned lumber, nothing cheap about it except the price. We even put a heavy coating of aluminum into the tanks and boilers. You can be almost sure of a 95% hatch. We have thousands of testimonial letters to bear out this statement. Catalogue of larger machines free. Write today.

GEO. ERTEL CO.

139 Kentucky Street, Quincy, Illinois



Better Poultry

My advice may not meet your approval
But what I have said I have said:
If you've any mongrels, then sell 'em,
And get something pure bred instead.

It'll cost you a little more money
To start you in something real nice,
But you'll never have any occasion
To complain the least bit of the price.

PRESERVING EGGS

THE price of eggs for several years has been comparatively steady and remunerative, and improved poultry methods have secured a nearly uniform supply throughout the seasons, so that preserving eggs is not now so important a matter locally as it was some years ago. But eggs may be cheaply and successfully preserved in a water glass or sicilate of sodium solution. We quote below a Wisconsin farmers' experience in thus preserving eggs, as given in one of our exchanges:

I have found there is a good local market for eggs kept with water glass solution. As soon as cool weather comes on I fill a few jars with eggs, pour over them a solution of water glass of just sufficient strength so that it will not float them and set away in the cellar, after binding a piece of parafined paper over the top of the jar to prevent evaporation.

The water glass does not affect the egg in the least, its office being to simply shut out the air. These eggs will keep firm three to six months, and much longer for all I know, but mine are usually all sold out within two or three months, and I have never had enough to supply all the demand. I sell them for just what they are, but guarantee them to give satisfaction equal to fresh eggs and get the same price as for fresh ones. They are used by the hotels and boarding houses for frying and cooking just the same as fresh ones, and I have never heard any complaint as yet regarding their quality. We use them ourselves, so we know what the quality is before we offer them for sale. Water glass, silicate of sodium, can usually be bought of druggists, but it is cheaper to send off and get it yourself.

HAVE POULTRY SOUSE

GO ABOUT poultry raising just as you go at any other kind of work, with judgment, common sense, and an intention to do your best. Don't be satisfied with the old fogy "don't care, don't know" ways, but do not worry over every new fangled proposition. Nature taught the hens to lay, to get broody, to incubate the eggs, to hatch the young chicks and to care for them until they become able to take care of themselves—taught the hens all this long before human beings were capable of teaching them anything. Yet the increasing intelligence of mankind has made many and great improvements, has bred up greatly improved varieties of fowls, has increased egg production, made better meat for the table, and has devised safer means of caring for the young. We would not disparage any of these improvements, but many fads are exploited that are not worth serious attention on the farms.

The best advice we can give is to be sensible, to exercise judgment, to study nature and keep as near to it as possible. Many new things that are advocated are good no doubt, but a study of them too difficult and too expensive to be profitable. Be progressive. Do your best. Have good feed, feed that will supply nature's demands in the work that is to be done. Keep the premises clean and free from parasites, and give the fowls ample exercise. That is just about the "law and the prophets" so far as success with poultry is concerned.

"Diseases of Fowls" is the name of an attractive booklet published by the Bourbon Remedy Company, of Lexington, Ky. This booklet gives the Cause, Symptoms and Treatment of various diseases of fowls, and other information of value to all who have poultry. It will be sent free of charge to those who write and ask for it, and state they saw this in Up-to-Date Farming.

Combine a modest start of thoroughbred poultry, a good incubator and a bright boy or girl and you have a money making business. Boys! Girls! be ambitious. Make money.

FAD FOR WINTER EGGS

WE ARE getting springs eggs now, eggs in nature's laying time, and we are not worrying much about the quantity. But when winter comes how we will worry about winter eggs! Why have we such a desire for winter eggs? Are they any better than spring or summer eggs—any larger, any meatier, any better quality? No, but they bring a better price. Yes, the desire for them is all a matter of price.

But suppose everybody could get all the winter eggs desired, or that are promised with this or that nostrum, what would become of the price? The winter price would soon drop below the spring and summer price. It is well to know that every winter egg is an artificial egg. It is not natural for any bird to lay eggs in winter. The only reason that the hen lays at all in winter is that domestication has changed her nature, and that the ingenuity of man has measurably changed winter conditions into summer conditions, by securing for the hen summer comforts and providing her with summer feed, or as near to these as is possible.

But even then it must be remembered that the hen is not a perpetual layer. If she is pushed to her best and lays constantly through the summer and fall, with possibly only a very brief rest through the moulting period, she can not be expected to keep the exhausting work up through the winter no matter how perfect the conditions or care may be; and if she has been a good winter layer, she can not immediately thereafter be a record spring and summer layer. Perpetual motion has not yet been discovered, nor has any form of life been found that is inexhaustible. The egg machine must have a rest for recuperation.

RAISING GEESE

IF NOT permitted to sit a goose will lay from twenty-seven to thirty eggs during the season, and these will usually be in three clutches. The first clutch will be from ten to thirteen eggs, the second from seven to nine, and the third likely about five. The last eggs are not worth much for hatching.

We have had best luck hatching the eggs under hens, choosing the largest hens for that purpose, and giving them



Cured Spavin

"I removed a spavin on a mule with Sloan's Liniment. This spavin was as large as a guinea egg. In my estimation your Liniment is the best remedy for lameness and soreness. I have used it on a horse for sweeny and it effected a thorough cure."—G. T. ROBERTS, of Resaca, Ga., R.F.D. No. 1, Box 43.

CURED ABSCESS.

Mr. H. M. GIBBS, of Lawrence, Kas., R.F.D. No. 3, writes:—"Your Liniment is the best that I have ever used. I had a mare with an abscess on her neck and one 50c. bottle of Sloan's Liniment entirely cured her. I keep it around all the time for galls and small swellings and for everything about the stock."

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Price Peck, 75c; ½ bushel, $1.35; bushel, $2.25; bag (2½ bu.), $5. This is a special low price and you should be sure to plant this variety—you'll not regret it. Bags are free. Send for catalog of all field and garden seeds or order corn direct from this ad.

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The International Self-Humidifying Incubator

is absolutely automatic in every function, unvariable temperature, positive moisture from the moment of starting the hatch until necessary to properly dry the newly hatched unit of future profit, so thoroughly safeguarding its entrance into poultrydom as to guarantee its livability.

Your brooder losses are not always the fault of the chicks. Ultimate success depends on the proper mothering of chicks

The International Sanitary Hover

is the only one positively supplying the highest temperature at the outer edge. Therefore, no loss by crowding to the center and every chick has a chance under this hover. Entire metal construction. Portable and adjustable to all conditions. Eliminates expensive brooder house equipment.



Our best efforts are centered in the production of **Day-Old-Chicks and Hatching Eggs** from matured stock. No pullet eggs are used except for table purposes. **All orders for Incubators, Hovers, Day-Old-Chicks or Hatching Eggs will positively be filled within 24 hours after receipt.**

Send today for 1911 catalogue on incubators and hovers, also our stock catalogue on Rancocas Strain Baby Chicks and Hatching Eggs.

INTERNATIONAL POULTRY SALES CO.

Home Office, Box 270, Brown's Mills, N. J.
Branch No. 21 Barclay St., New York City

from six to eight eggs each. The nests should be so constructed that the eggs can not roll out. Goose eggs under a hen will hatch in from twenty-eight to thirty days. Goslings should not be fed until they are from thirty to thirty-six hours old, and then they may have a light feed of almost dry corn meal dough. If a little green grass be gathered and cut fine and mixed with the dough it improves the feed materially. Give plenty of water, but it need not be so that the goslings can get into it.

It will not do to give the hen range as may be done with chicks. There should be a coop in which to keep her for a few days, but there should be a way for the goslings to get out. The coop should be located where there is short, tender grass; the goslings will very soon learn to nibble it. Two things are very important. The goslings must not be allowed out in a hard rain. They will stand with their bills pointed directly upward, and the water running down into their nostrils will actually drown them. And if there be a pond in reach, the goslings must not have access to it, at least not after the tadpoles begin to cluster around the edges of it. The goslings will eat the tadpoles, and that will certainly kill them even after they have become fully feathered.

TO SECURE FERTILE EGGS

INFERTILE eggs are just as good for market or for use as fertile ones, and infertile eggs will keep fresh longer than fertile ones. But when it comes to saving eggs for hatching, fertility is a vital question. There is no positive or definite rule. An experienced breeder gives the following:

For light breeds, early in the season, enjoying full liberty on the farm, one rooster may be successfully mated with ten or twelve hens, increasing the number as the season advances to about sixteen. For the heavier varieties about two-thirds of this number are sufficient. Fatness is another cause of egg infertility. Neither the hens nor the roosters should be allowed to take on an excess of fat, which they are liable to do when food is plentiful unless they are closely watched and examined frequently. Infertile eggs can also be traced to inbreeding, consequently only those birds that are entirely unrelated should be mated together, unless for specific reasons, such as fixing a new color or establishing a new breed for show or other purposes.

EATING EGGS

HENS sometimes contract the habit of eating eggs. This may be induced by feeding hens the egg shells that may accumulate in the kitchen. The dry shells are good for the hens and they very likely eat them eagerly, but there is some danger of starting the habit we are speaking of.

The egg-eating habit, however, is usually the result of a lack of the needed elements of feed—a lack of grit, lime and meat substances, such as insects largely supply in summer; therefore the egg-eating habit is more likely than in summer. The cause suggests the remedy. Provide the fowls with plenty of grit, crushed shells or lime in some form, and an occasional feed of meat scraps. It is also a fact that eggs in a retired or darkened nest are seldom attacked.

OUT AMONG THE POULTRY

DECAYED or spoiled grain, or spoiled feed of any kind, is not fit for laying hens. Besides being a possible source of disease, such feed will affect the quality of the eggs, just as bad feed eaten by the cow affects the quality of the milk.

Charcoal is not a feed; there is no nutriment in it, but it is a corrective and helps the fowl's digestion. Neither is there nutrition in grit, but it keeps the "mill" in condition to do its work.

In raising turkeys with chicken hens, the lice problem is a more serious one. Young turks can't stand lice, and there is more certain to be lice among chickens than among turkeys.

Cleanliness is the most important thing connected with poultry production. Without cleanliness there is no certainty of health, and without health there can be no profits.

Young ducks need to be fed oftener than young chicks, and they should be given clean, fresh water every time they are fed.

Plymouth Rock and other large sized fowls are liable to get lazy and fat if given abundant feed where they can get it without exertion. If fed grain, try scattering it over a large space as thin as

The Sure Way To Poultry Profits



Makes healthier and more productive hens

Destroy Lice and Mites and Prevent the Spreading of Infectious Diseases

One who does not take proper care of his poultry has as much chance to raise them profitably as the man who tries to fill a sieve with water—it is absolutely necessary to keep poultry free from lice, mites and all disease-breeding germs and filth. When this is done, when they are given a fair chance, poultry will make you profits which, compared with the capital invested, are greater than in any other line of legitimate business. You can obtain these profits, easily and with hardly any effort, by the use of

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Sold Everywhere—and positively guaranteed to be satisfactory. If Zenoleum is not all we say it is—or even what you think it ought to be, you can have your money back—no argument, no letters, just money. Ask your dealer first, but insist upon Zenoleum and don't take a substitute—if he can't supply you, we will deliver to your station, charges prepaid—1 gal., $1.50; 5 gal., $6.25. 8-oz. size, 25c at your dealers, 35c from us prepaid.

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The Zenner Disinfectant Co., 219 Lafayette Ave., Detroit, Mich.

Prof. James E. Rice, of Cornell University, says: "We have found Zenoleum a very satisfactory disinfectant in connection with our incubator and brooder work—our experience would justify our continuing to use Zenoleum."

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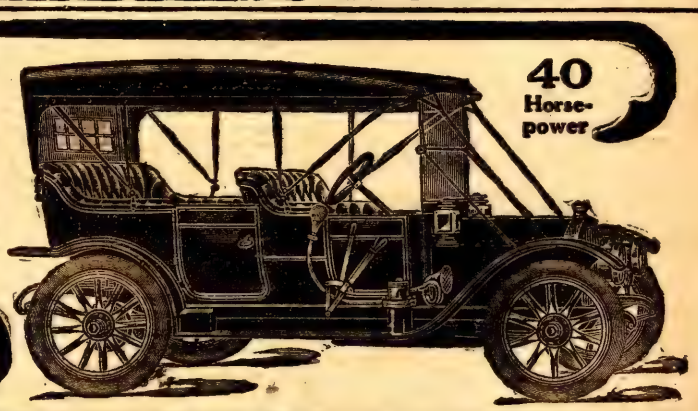
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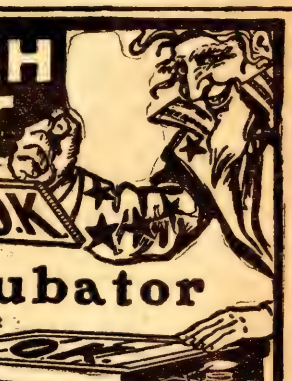
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is the only one on the market that unqualifiedly meets every requirement of the government. It's the one perfect incubator.

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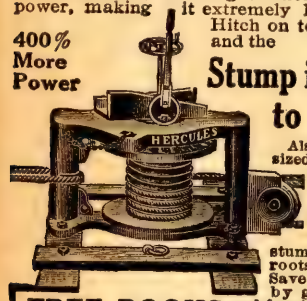
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The Steel Shoe Man.

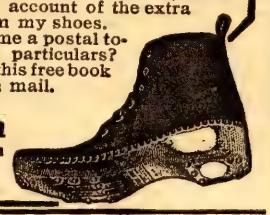
I have told half a million others these facts. They have bought steel shoes of me and saved millions of dollars among them. More than that—they can be on their feet all day—at any work, without foot fatigue. And they have gained health protection.

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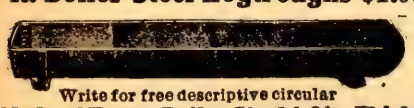
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if it were being sown for production, so the fowls will have to travel and hunt for it.

The guinea is freer from disease than any other kind of poultry, and guinea eggs are richer in food elements than hen eggs. Though the egg is smaller, the yolk is larger than in hen eggs.

Luck is not worth any more in the poultry yard than it is in the cornfield or the hog lot. It is work, skill, judgment and good management.

A bone cutter is worth more in the poultry yard than is a corn and cob mill in the stock barn.

Set hens only in clean, fresh nests. Cut out every possible opportunity for lice and mites.

Set several hens at once and double up the broods. The hens left without chicks may be reset. This economizes the hen power.

There are many and apparently valuable new breeds of poultry, but the old, standard varieties are likely most profitable for the ordinary farm poultry business.

Even poultry needs a little salt occasionally, but not too much at a time.

If you swap to get eggs for hatching, know the flock the eggs come from. It is a loss unless you get better eggs than your own hens produce.

A humorous poultryman seys nothing can beat an old Plymouth Rock hen at hatching chickens, unless it is two Plymouth Rock hens.

Stick to it, is a good poultry motto. Don't worry much about the variety. If you really hunger for it, get what you think is the best variety, and then stick to it. Don't be everlastingly changing stock.

A lazy hen is as unproductive as a lazy man. Must do something to make the hens hustle.

SPRING POULTRY CHATS

By Mrs. J. B. Howe

With chickens, ducks and geese roaming at will over every nook and corner of the farm, also other animals of various descriptions, it is sometimes a difficult matter to solve the problem where to make the nests for the setting hens, for any one who knows anything about chicken raising, realizes that the process of incubation must be conducted in a quiet, unmolested manner, if any degree of success attend the operation.

The absence of any conveniences for conducting this particular branch of hen culture has led many a farmer's wife to resort to the habit of setting the broody hens in the hen house, often among the layers.

More often than otherwise this practice ends disastrously to the precious eggs, and if by some sort of lucky chance the chicks do manage to break their way into this troublous world, ten chances to one they come off infested with the young chicks' worst enemy, lice. For this and other reasons, we would say "don't" set the hens in the hen house. Set your woman's ingenuity to work and find some other place.

Occasionally the hennery is made into two compartments; a roosting and a laying room, the latter often being also employed as a hatching room. We do not even like this plan, as the aforementioned enemy too often inhabits the hennery, and will cause no end of annoyance to the setting hen. Often a little later in the season, when the weather becomes warm and conditions are favorable for the rapid increase of this pest—causing the hen, in very desperation, to desert her nest with its precious charge.

Setting hens, at best, require constant care and supervision to keep them free from these vampire pests, remaining so long in a quiet position, with limited time and opportunity to cleanse her body and feathers with the hen's delight, a dust bath, she becomes, if neglected, and if started out with some of the enemies already entrenched among her plumage, a veritable louse hatchery. The only humane thing to do, since this unfortunate state of things already exist, is to start her out in a clean nest box, in clean, unpolluted quarters, with clean eggs.

Dust her thoroughly with a good insect powder when first placed upon the eggs, and again each week, during her incubation.

Let the work be done thoroughly, holding her for a moment, head downward, while the powder is worked into her feathers, clear to the skin, giving an extra dose under the wings and around the neck.

Now we are going to tell you where and how we have fixed a place for our setters, setting them at the same time that we filled a 200-egg incubator. Our plan is to have just as many chicks as possible come off at the same time.

Now for our story. At our home we try each spring to add some little improvement, either to the beautiful or the utility side. The setting out of a few fruit trees, some ornamental shrubbery, some rose bushes, climbers or something of the sort. Last spring we transplanted some large evergreen trees, red cedars, some of them six to eight feet in height, from our own woods to our barn lot. They did remarkably well, but, though barracaded to some extent, were several times broused around by the cattle. This spring we added several more evergreen trees, two fine, young hard maples, a spruce and enclosed the clump with a chicken-tight fence. Within that enclosure we have set a colony of coops for setting hens.

When they hatch each hen will be given a suitable number of chicks, probably not more than twelve of fifteen, just what she can cover nicely. Would say right here than our experience has been that it was not wise to give too many chicks to one hen, especially early in the season; and as we have plenty of quite motherly hens, we are not stinted in that regard, and the little extra feed required to keep the hens is more than offset by the amount of care she relieves us from or the price of oil consumed by a brooder. Of course, the chicks hatched in the incubator are reared in a brooder, but such chicks require more oversight and care than ones hatched and reared by natural methods.

These hens, then, which are occupying the aforementioned enclosure, are in nice, clean, weatherproof coops, which will still continue to be their home, with their little families later on. After hatching a slatted run will be placed before each coop, to confine the mother hen until such time as we choose to give her liberty.

For a week, at least, the runs are fixed so the chicks are confined, each hatch within the run with its own mother. This is done so that there will be no mixing up of the brood.

The chicks soon learn to know its own mother's cluck and with a little care and management each hen with her chicks may be taught to go to her own particular coop at feeding time even after having been given the run of the enclosure, or the freedom of the barn lot. Some tact and judgment is necessary when liberating the hens at first. Only one at a time being let out at once. The next day another one, and so on.

By this method they become acquainted with one another, and with their surroundings, and finally fall into the general order of things. By letting them all out at once, there would be a firce battle for supremacy, several battle stained hens, and a lot of frightened chickens.

Returning to the subject of our setters they are let off the nest about the middle of each day to get feed and water. If the day is fair they may enjoy a dust bath.

The setting hens are always fed whole, sound corn, or corn and wheat, and the attendant is always at hand to see that each hen goes on the right nest, and is securely shut in.

Eggs! Eggs! Eggs!

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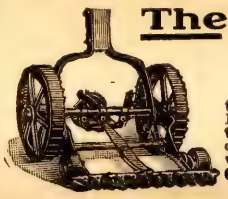


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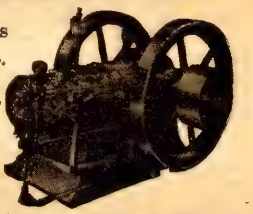


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CATALOGUE FREE

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Wise or Otherwise

A SHADOW darkened the doorway of the hot kitchen, and a woman who was bending over to stir something on the flaming stove looked up.

"Oh, Mrs. Wells, is that you? Why, come in. You are out early—for a housekeeper. Come right into the sitting room; it's some cooler there."

"But your work needs attention, perhaps."

"It can wait. I'll just set this kettle back. You don't come very often, so I'll gladly afford a little time to sit down with you now."

"But I want you to go out with me as well. The sunshine is hot, but there is a breeze, and the air is as clear as crystal. The view from Benson's hill must be fine."

"You don't mean to say you are going up there—in the forenoon—and your work—but maybe you have got hired help?"

"No; but, all the same, I'm bent on an outing. When have you been up on that hill?"

"Sometime in the spring; I know I found the first dandelions I'd seen; it was Sunday afternoon. I was tired almost out, but the boys coaxed me so hard; but it's out of the question for me to go now anyway!"

"Don't say that. I've adopted a new creed, and, like all earnest disciples, I am out after converts, and I've counted on you."

"Dear me! Have you taken up Christian Science?"

"No; I've taken up Common Sense, or a measure of it. Less work and more play, less indoors and more outdoors, from now on."

"That sounds nice; if only the work wasn't on hand to be done, day after day, with no let up. I'm sure I'd like to play—if I haven't forgotten how—or rest would suit me better for a month or two. But someway you're different—younger, or happier, or livelier. What's come over you, Mrs. Wells?"

"Living up to my creed, as I said. Now, what have you absolutely got to do this morning?"

"Bake pie and cake and custard, get dinner, scrub the cellar stairs and swing shelf, mend Lenny's jacket; these windows need washing—"

"Don't mention another thing. What have you got already on hand to get a meal quickly?"

"Why, there's some cold meat, about half a pie, I guess; oh, I could possibly pick up a dinner."

"Then do. Shut the stove up, put some potatoes in on the lower grate to bake, lock the kitchen door and come on before you think of something else you might find to do."

"If John should happen to come to the house, and not find me here, he'd be well nigh frightened to death.'

"Possibly. Where is he at work?"

"Hoeing corn, I think. We might go past that field and tell him that I'm running away; he'll wonder who's to get the dinner."

Mrs. Barret fairly flew around her hot kitchen, setting things aside, and closing the stove, which had coal enough to keep till noon; and, sooner than she could have believed possible, was out in the glorious July morning.

"I feel just as children must when they play truant—lawless and reckless, and yet delighted—only I'm afraid something will happen. If the house should get on fire, or company should come, or the children come home from school sick, I should pay dear for my play.

"Now, my dear litle woman! you have dropped your work, do drop your worries—at least, don't manufacture new ones! Did you ever see a more intense blue sky, or the mountains stand out so clear?"

"Yes, everything is beautiful. I do love all outdoor things, only a busy farmer's wife can not pay much attention to matters outside her kitchen. If I can get an hour in the afternoon or after supper to sit on the stoop with my mending, it's all I expect; only picking currants and string beans and peas is a change."

"Yes; but one always feels in a hurry while doing that; it doesn't relax the tension of one's nerves like sauntering idly along. Shall we cross that bit of a footbridge?"

"Yes, that's the nearest way. John and his man must be just over the ridge at work."

Soon the field came into view where the hills of bright green blades were getting the last bit of work needed to insure their welfare. Mr. Barrett paused in amazement as he saw who was approaching.

"Don't be frightened, John, I'm only running away from my house and my work."

"I want to know! I'd like to run with you, only this corn, you see. May I ask how far you're going to run? It's up hill this way."

"Yes, we've set out for Benson's peak, to get the view, and—and to get rid of work. We'll be back in two or three hours, and you shall have some sort of a dinner; don't you worry."

"Well, I'm surprised, after all you said you must do today. I told you to go easy, for you'd laid out enough work for three women."

"I know; but, you see, Mrs. Wells came along and enticed me out for a play spell."

"Well, I'm glad of it. You do stay in the house too much; only don't forget to come back."

Farther up the hill the breeze was still cooler and sweeter, having swept over many groves of chestnut trees and fields of red and white clover. The outlook was more extended, and down the long, winding valley the beautiful river lay smiling up to the sky and reflecting its azure tint.

"There! isn't that well worth the climb?"

"Yes, yes, indeed! This is wonderful! I haven't been here in the morning for years. How did you happen to think of coming now, Mrs. Wells?"

"Because doing just such things is what I have deliberately made up my mind to. I have been reading a story about a woman who worked herself into an untimely grave, and I know some personally who are broken down when they should be in their prime, and I have been thinking that I don't want to be either dead or helpless before middle life, at least, by my own fault. I talked it over with my husband, and he said instantly I must keep a girl. That, as you know, I dislike to do, so we have settled on a woman to come one day a week to help about heavy work, and, for the rest, we are reducing the work."

"But how? People must eat all the time."

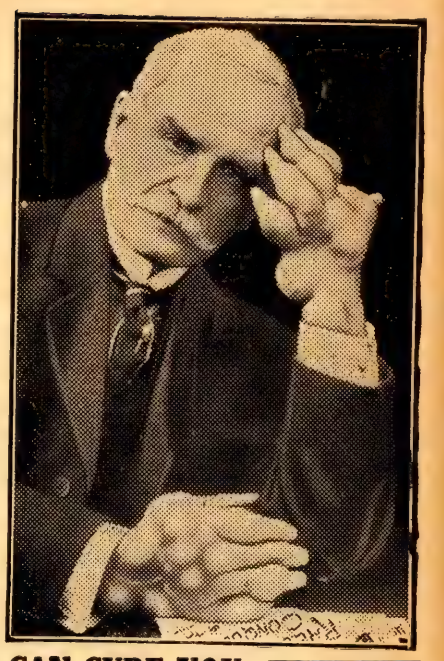
"Granted; but things can be eaten in simpler ways. Eat fruit fresh or stewed, instead of putting it inside of pastry. Take advantage of the weather; a cool, rainy day do a lot of baking and boiling; then a hot, clear morning make a cornstarch pudding perhaps, right after breakfast, then let the fire be deadened or go out; have an omelet with the cold meat for dinner; drink milk or cold tea or lemonade, or even hot coffee on a summer noon. Don't worry about flies and dust; such things are bound to exist, so let them."

"That all sounds very nice; go on!"

"Oh! you can think out a lot for yourself. It is really wonderful how much work we do without regard to weather, or absolute need of its being done at all. We have just got to learn to work less, and worry still less, or break down early. I have no doubt but this very minute a spider is spinning its web in my best room, and flies are dancing on some of the window panes, and the little chicks clamoring for another lunch; but, in spite of them all, we'll sit up her another half hour and enjoy the beauty of this glorious circle of sky and hill and river.'

Which the wise women did. And yet, a few minutes after twelve, a dinner, good enough for any one, was on their tables. The potatoes were nicely baked, a puffy omelet kept them company, there was a pitcher of cool, creamy milk, and the hungry men were well satisfied.

After the dinner-work was done, according to the new creed, each housekeeper took a short nap, and then felt refreshed and strong for the remaining duties of the day. And these are they who will not be hopelessly old before their time—Emma A. Lente.



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Black Rose The most exquisite new variety produced for some time. The color and texture are the most wonderful ever seen in a rose, each petal appearing as though cut from the heaviest velvet, shaded from deepest maroon-red to blackish crimson. The plant is a quick, vigorous grower, absolutely immune to black spot and mildew. It blooms continuously in great successive crops of large, double flowers, possessing a fine fragrance.

White Killarney The wonderful new "Irish beauty" which has set every one to raving over its surpassing loveliness and elegance, carrying off every prize when exhibited. A description is inadequate to portray the beauty of this variety, a fine robust grower of free branching habit, having an abundance of rich green foliage. The buds are exquisitely long and pointed, unfolding broad waxlike petals into enormous semi-full flowers of pure snow-white, which retain their freshness and beauty for an extensive period after being fully developed.

Yellow Kaiserin Kaiserin adds to its laurels each year, thus gaining new admirers. It is entrancingly be autiful and possesses a rich individual perfume. It is a strong grower, producing successive crops of buds and flowers in the greatest profusion, which are large, deep, and high-built, with wide reflexed petals of the deepest canary yellow. There is no rose so distinctive in style and elegance.

President Taft A wonderful new introduction and well deserving of its popularity. It is a strong, healthy grower, throwing forth fine, graceful branches, which are densely covered with heavy deep-green foliage and handsome, double flowers produced in the greatest profusion. The buds are formed of thick, shiny petals of excellent substance, developing into handsome large flowers of the brightest dazzling pink.

Md. Jenny Gillemot A lovely high-class rose of recent introduction. The growth is vigorous and upright, of branching habit, covered with rich, glossy foliage; but the glory of the variety is in its bloom. It is very large, both in bud and flower, composed of immense petals opening freely. The buds are extra long and pointed; and as it unfolds, it discloses vivid richness of coloring, rare and fascinating, of a deep saffron-yellow, opening canary with a dark-golden stadings. A universal favorite as a garden-rose, and as such will please all.

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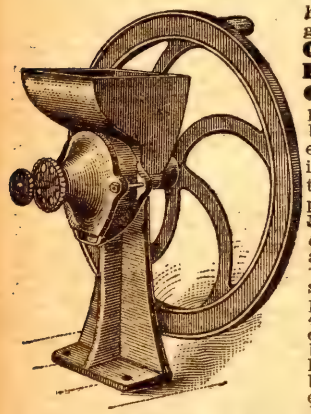
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GARDEN and ORCHARD

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IN THE GARDEN

By the time that this paper reaches my readers, most of them will have been, for a week or more, doing some of the early things in the vegetable garden. I hope that my advice given from time to time in this department as to the proper planting ahead, of the garden, will be kept in mind and observed. There are gardens run for pleasure, and there are those which are run for profit, and the farmer's garden comes in the latter class. But how few get out of their gardens as much profit as they should and could, did they use the modern, up-to-date methods in its management and culture. The farmer's garden will not give the fullest results until he capitalizes it on a fair basis, and works toward an ultimate profit as does the manufacturer and merchant.

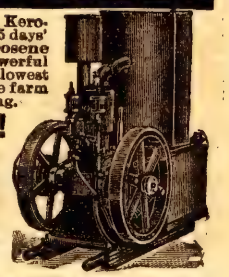
If a farmer would capitalize his garden at its actual value, plus improvements, adding, each year, the money value of the fertilizers and manure used, and the cost of labor at a fair value, he would know what it stands him; and, if to this he compares the income of all he takes from it, he will see at once that the garden is the most profitable portion of the farm—and the result will be that he will pay more attention to it, and the profit will be still greater. The farmer who can not keep his family out of the profit from his garden is either incompetent, or his garden is too small. How about yours?

Implements and Labor

There is one thing that should receive consideration from each farm-garden owner, right now, at the beginning of the new season, and that is the one of proper implements and labor for the garden. Having been a farmer myself, I am conversant with farm conditions, and know that to the women and young folks is left almost all the work of the garden proper. There is no objection to this, per se, but, on the other hand, it is a nice and profitable employment for them, under proper conditions. But these conditions are: There should be up-to-date garden tools, a list of which was printed recently in this paper, and among them should be a fully equipped man-plow and cultivator, so that there need not be much hoeing and weed-pulling. It is this kind of back-work that is so discouraging, and your family doctor, if asked, will tell you that it is not good for women, and especially not for growing girls, some of which should be the foremost "crop" of an up-to-date farm. At the start, the plowing, harrowing and discing should be done by the men, and the women can follow with the rake, as that can be done standing. With such an equipment, and such a start, the men need not go near the garden, as far as its being well conducted is concerned, for, to the average man on the farm, the garden is "chicken feed"—he'd rather

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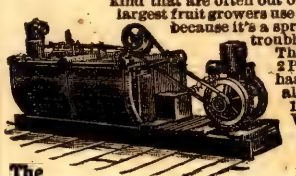
Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil.

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Laying Out the Garden

At the start of the garden making, keep a few things in mind which will make the work easier, and the crop better. One of these is: Aim to run the rows as near north and south as possible, so that the plants will get the sun all day, and on both sides of the row, as plants need sunshine clear down to the soil. When run east and west, the sides of the plant-rows are more or less shaded, especially if the rows be wide, and the plants be tall.

Study the matter of drainage in your garden. Does water stand half a day or more in any place after hard rains? If so, put a few tiles there, or dig a trench two and a half feet deep and put in some coarse broken stone, and this low place will soon be very rich and productive. Also, the matter of washing must be considered, if the garden has a considerable slope, so that the good soil will not be washed away.

The first early vegetables should be "coddled" a little. The hills of potatoes, cucumbers, squashes, and corn should have, each, a shovelful of rich manure put in them, on top of which put the soil, and when planted tread firmly to insure good germination, and quick growth. **The secret of early vegetables is quick growth.**

Such early vegetables as are grown from seeds or plants, should be planted on a slightly raised row, running east and west and be slanted toward the south. On this slant plant the seeds or seedlings, and they should be from a week to ten days earlier than if planted flat.

The Hot Bed

Watch the things now growing in the hot-house or cold-frame. The latter will not be as warm as the hot-bed, and great care will be necessary in order to keep the young seedlings low and stocky. This will require the glass to be taken off every warm day, when the sun is shining, and when the outside temperature gets to 75 degrees at noon, white-wash the glass, and raise it a foot, or remove and shade with muslin. As soon as the ground ceases to freeze at night, the plants should be hardened off, and the glass gradually left off altogether, and the plants shaded from eleven to four o'clock. They must not be allowed to get crowded, or they will be weak and spindling. Better pull out the excess and throw them aay, than ruin the whole lot.

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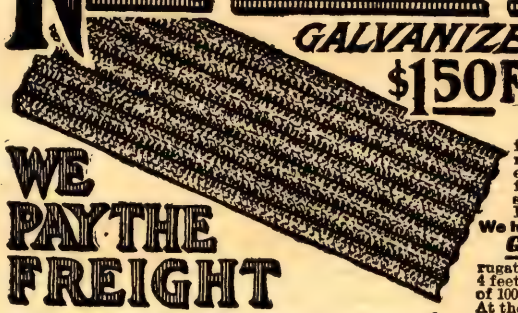
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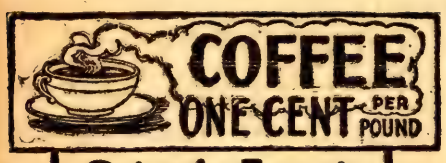


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THE BARN AND THE KITCHEN

DID you ever notice the difference there too often is in the equipment of the barn and the kitchen? Not long ago I was at a neighbor's, a good, progressive farmer, and he took great pains to show me, and with manifest pride, the conveniences he had at the barn. There were substantial mangers to feed the hay in, tight and convenient boxes for the corn. The stalls were so arranged as to be easily kept clean, and there were forks and shovels ready at hand. The hay mow was where the feed could easily be dropped into the mangers, and the corn crib was close at hand. Everything seemed to be just as it should be, and I enjoyed it with the owner.

But later I had occasion to go into the kitchen. There was not a thing there to which my attention was called. A battered and almost unserviceable stove was trying hard to do its duty. No wood box was in sight. A cistern several steps from the kitchen door stubbornly gave water to a heavy bucket that had to be pulled up by a long rope and then carried to the kitchen. There was no sign of a sink or tank, and an old greasy bucket stood in a corner to catch the slops and refuse. The wife looked tired and fagged as she endeavored to prepare a meal, and had to stop in the middle of her work to go quite a distance for an armload of stove wood. We could not help noting the contrast.

The husband was not unkind. He was a good and progressive man. He loved his home and his wife and children, and was doing good farming and making a good living. But he was absorbed in the outdoor work. He knew what was needed at the barn, and he provided it. But he did not think of the kitchen, and did not realize how much his wife might have been helped by a few conveniences there. Do not condemn him too quickly. First go to the barn and look it over, then come back to the house and go into the kitchen. How do the conveniences compare?

WHAT TO DO

PROBLEMS come up in the home every day, especially in the farm home. There are children growing up there—children of active limbs and ambitious minds. They are not on the streets, a fact to be thankful for, where every moment something is taking place to attract their attention, and possibly to satisfy their ambition. Instead, they are among the home folks, or in the fields amid the scenes of their own labors, or the quiet works of nature.

Is it any wonder that these children are asking themselves what they shall do? Not the ordinary routine of every day duties, but what shall they themselves do? What shall they accomplish? In a sense, the question is easily answered. Do something good, something that will benefit some one, a thing that will make something more complete, more perfect, more useful than it was before. It may be a very simple thing. The picking up and putting away of a neglected tool, the repairing of a forgotten gap, the mending of a broken gate, the stopping of a leak in a roof. These are all little things, but they are useful things, and he whose habit it is to do them, will see and do the greater things when they appear.

In our intercourse with human beings, it may be only a kindly good morning, a simply thank you, a sympathetic inquiring in time of trouble, a gentle hand pressure or merely a smile and yet is may go to a heart and grow to be something big there,

Resolve to do great deeds and do them; but the little things are the tracks that lead to the greater ones, and he or she who scorns to do these little things are very sure to find no opportunities to do the great ones.

A HOME PARTNERSHIP

IF THE home business is not a partnership it is nothing. "This is mine and that is yours" will not do on the farm or in the farm home. Household needs are present all the time, and there must be plans or means to meet them. The young couple establishing a home on the farm have to meet problems they did not dream of when each lived under the parental roof. When the husband concludes that he is the treasurer of the firm, and that he must save all that comes into his hands, for important things as he calls them, things out doors, among the stock and on the farm, he is abusing the partnership and interfering with the fairness of the business. Often the husband claims what comes from the fields and pastures, and allows the wife what may be obtained from the poultry yard and the milk or butter. That is only partly fair, for much of both milk and butter, eggs and poultry, is consumed by the family, and the wife gets no money to her credit for that. Besides, we have often noticed that, where the wife has these things, most of the proceeds from them go to the purchase of family supplies. How we have known farmers' wives to scrimp and plan, and manage to make the eggs buy this thing and that, most likely none of it for herself! Again, the income from the poultry yard is mainly for a season, and so are the sales of butter, while the family needs are perpetual.

It is all right to talk over expenditures with one another, expenditures both in the house and out of doors, but there should never be a question of the right to make them when agreed upon, nor of the source from which they are to be paid. We like to see a wife careful and saving, and be fully considerate of the husband's struggle to get ahead, but we don't want to see one go with a blush and beg for every penny she gets.

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Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

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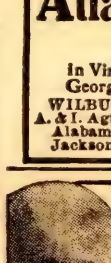
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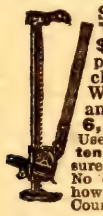
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with rig in every County to introduce and sell Family and Veterinary Remedies, Extracts and Spices. Fine pay. One man made $90 one week. We mean business and want a man in your County. Write us.

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Sell the **Automatic Combination Tool** in your home county and earn **$12 daily.** It will stretch all fencing, pull posts, lift heavy loads, adjust machinery; also used as Press, Vise, Wrench, etc. Made of Malleable Iron and Steel. **Weight 24 lbs. Capacity 6,000 lbs.** Guaranteed for one year. Useful the year round. We give you a **free ten day trial.** Send no money but a card today, sure, and get our special offer to live agents. No experience necessary. We teach you free how to make sales. Act quickly and name County in which you reside.

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Brakemen, Firemen, Electric Motormen Conductors, Train Porters

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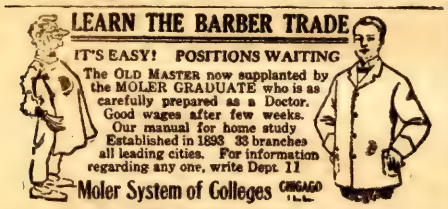
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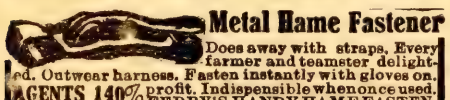
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Does away with straps. Every farmer and teamster delighted. Outwear harness. Fasten instantly with gloves on. **AGENTS 140%** profit. Indispensible when once used. **FERRY'S HANDY NAME FASTENERS** bonanza for agents. Many sell dozen an hour. Sample 25c, doz. $2.75. Circular and wholesale price free.

COONER & FORTUNE CO. Dept. A INDIANAPOLIS, IND



PRINT FOR YOURSELF

Cards, circulars, book, newspaper. Press $5 Larger $18. Rotary $60. Save money. Print for others, big profit. All easy, rules sent. Write factory for press catalog, TYPE, cards, paper. **The Press Co. Meriden, Conn**

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We have made arrangements with well known New York Fashion publishers to furnish our readers and subscribers with perfect-fitting, seam-allowing patterns at 10 cents each—postage prepaid. Order by number and size; write your address plainly and send 10 cents for any pattern.



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Indianapolis, Ind.



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This dainty set of Friendship and Greeting cards is free to any person sending me the coupon below, filled in with their name and address, together with 8 cents in stamps or coin to help pay packing and mailing expenses.

A more artistic and dainty set of post cards has rarely if ever been offered. They are heavily embossed, lithographed in from 10 to 14 colors, with appropriate words of greeting on each card. You will be delighted with this set of cards, and every one of your friends who might be favored with a card of this set, will feel grateful to you for having remembered them with so beautiful a token of esteem.

I am giving these cards to the readers of this paper to help advertise my big, handsome monthly farm paper, of which I will tell you more when I send you your set of cards. Everyone who sees a copy of my paper and a set of these beautiful cards, is eager to subscribe for it. Here's where you get an opportunity to get my special package of 100 post cards FREE. Send for this set of cards today. My special card offer, which I enclose with your set of cards, will interest you.

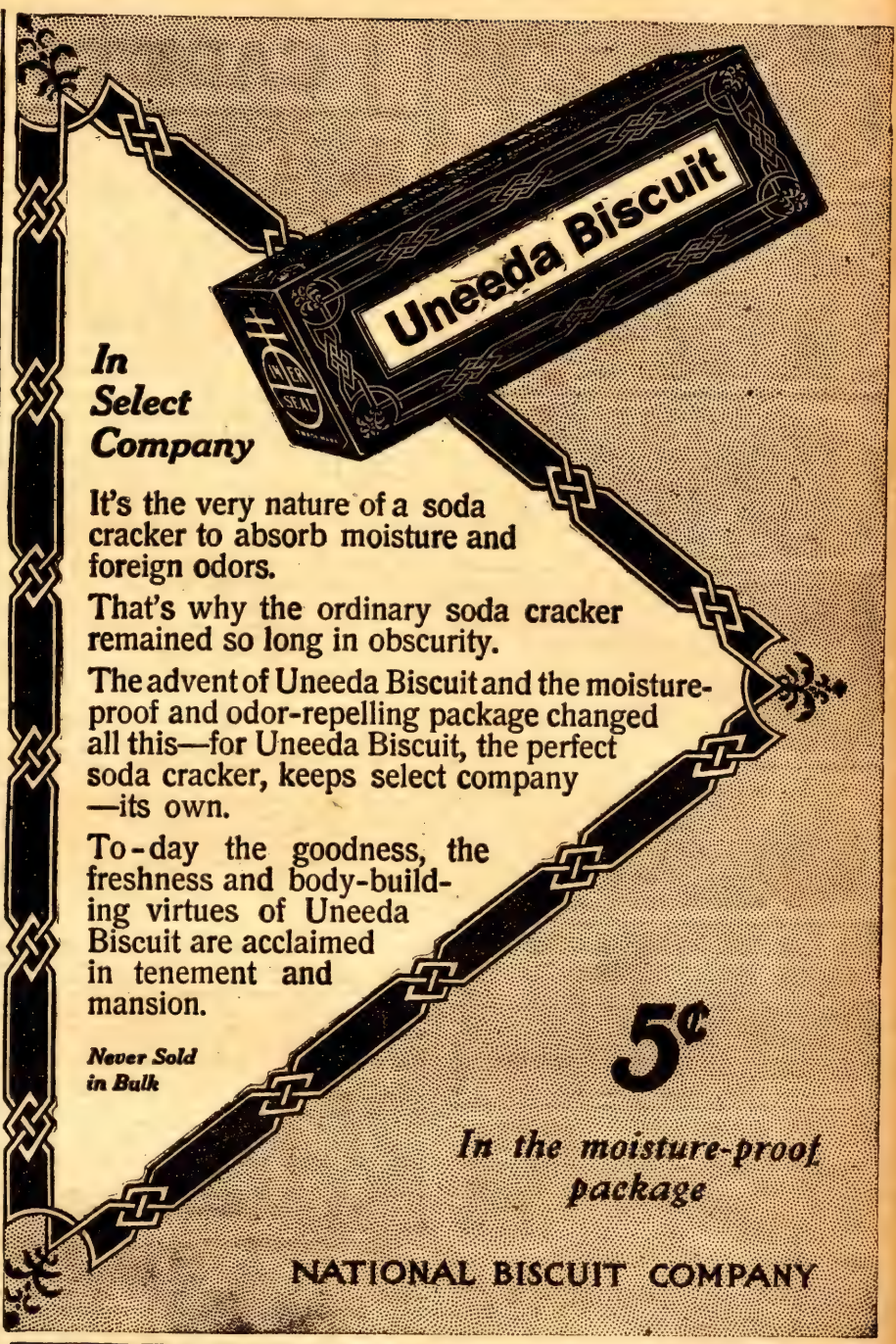
J. R. WOLTZ, Publisher,
FARM LIFE, 1322 Wabash Ave., Chicago, Ill.

Please send me by return mail your set of 15 Friendship and Greeting post cards. Be sure to tell me all about your farm paper, and special package of 100 assorted post cards, which I am eager to obtain.

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It's the very nature of a soda cracker to absorb moisture and foreign odors.

That's why the ordinary soda cracker remained so long in obscurity.

The advent of Uneeda Biscuit and the moisture-proof and odor-repelling package changed all this—for Uneeda Biscuit, the perfect soda cracker, keeps select company—its own.

To-day the goodness, the freshness and body-building virtues of Uneeda Biscuit are acclaimed in tenement and mansion.

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In the moisture-proof package

NATIONAL BISCUIT COMPANY

Which One Will You Test on Your Farm for Ninety Days?

Freight Prepaid



Only $29.75 and Up

I'll Save You $25 to $50

Which will you try, 30 Days' Free or 90 Days' Approval Test?

—Any capacity from 200 to 950 pounds per hour, according to your needs, and I'll save you from $25.00 to $50.00 on the price.

—The only Separator whose gearing runs in a "Bath of Oil" like a $5,000 automobile—Feature worth $50.00 alone.

—Automatically oils itself—Pour oil at the top, once a month from your oil jug or can—No danger of running dry, or ruining it like others—No oil cups to remember to fill or turn up twice a day.

—Dust-proof—Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

GALLOWAY'S *New "Bath in Oil"*

HIGH GRADE STANDARD CREAM SEPARATORS

—Has the only revolving supply tank—worth $15.00 alone.

—Easiest to clean and the few parts come out easy and can't get back out of place.

—Easiest to run—high crank—low tank. With no high lifting and no "back-breaking" cranking.

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—Skims closest in any climate or season, no matter whether your milk is warm or cold.

—Is as handsome a machine, compact and substantial, as you ever saw or could find. Beautiful finish.

—Let me send you my Big New Separator Book—post paid—Free, so you and your wife and the boys and girls can talk it over and then try one of my separators under my easy plan for you to do it.

You'll call it the best if you test it alongside any of the highest priced $85.00 and $110.00 separators sold by anybody today—makers—catalog houses—dealers—jobbers or anybody else. Write me today.

Wm. Galloway, Pres.
WM. GALLOWAY COMPANY
503 Galloway Sta., Waterloo, Ia.



300 NEW SONGS AND MUSIC 10c

Oh You Kid	Cubanola Glide	The Stars, the Stripes and You	I Wonder Who's Kissing Her Now
Baby Doll	Beautiful Eyes	Because I'm Married Now	Longest Way Round is the Sweetest Way
My Pony Boy	I Remember You	He's a Cousin of Mine	Will the Angels Let Me Play [Home
Dreaming	Title Tattle Tale	Yankee Doodle Boy	I'm Starving for One Sight of You
Napanee	Sweetheart Days	Captain Baby Bunting	I Want Someone to Call Me Dearie
Rainbow	Somewhere	My Dream of the U. S. A.	Your Lips, Your Eyes, Your Golden Hair
Red Wing	When I Marry You	A Man, a Maid, a Moon, a Boat	I'm Tying the Leaves So They Won't Come Down
Honey Boy	I Wish I Had a Girl	Love Me and the World is Mine	I'll Be Waiting in the Gloaming, Sweet Genevieve
School Days	Be Sweet to Me Kid	Roses Bring Dreams of You	Let Me Write What I Never Dared to Tell
Ida Ho	Shine On Harvest Moon	Take Me Out to the Ball Game	When You Know You're Not Forgotten by
Cheyenne	Bird on Nellie's Hat	I'm Afraid to Come Home in the Dark	the Girl You Can't Forget
Smarty	Games of Childhood Days	Gee, but This is a Lonesome Town	Is There Any Room in Heaven for a Little
San Antonio	Nobody Knows Nobody Cares	By the Light of the Silvery Moon	Girl Like Me
Dearie	Waiting at the Church	Put On Your Old Grey Bonnet	I'd Rather Two-Step Than Waltz, Bill
Morning Cy	You're a Grand Old Flag	Next to Your Mother Who Do You	Could You Love a Little Girl Like Me
Arra Wanna	I Could Love a Million Girls	I've Got Rings on My Fingers [Love	
Are You Sincere	Pride of the Prairie Mary	How Do You Do Miss Josephine	

10 CENTS gets all the above **LATEST POPULAR SONGS** and 200 others with several pieces Piano Music. All this big, fine best collection ever published. You'll be more than pleased. 3 Song Books for 25 cents. Tell all your friends and order today.

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STEM WIND & SET
WATCH RING & CHAIN FREE
FOR SELLING POST CARDS
We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring and Chain. WELLS MFG. CO., DEPT. 437 CHICAGO.

STEM WIND & SET
WATCH RING & CHAIN FREE
FOR SELLING POST CARDS
We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. WELLS MFG. CO., DEPT. 428 CHICAGO

WATCH, RING AND CHAIN FREE
Our American made, stem wind watch beautifully designed case, factory-tested, guaranteed for 5 years, and this latest style double heart signet ring are given to boys and girls for selling 20 packets of high grade art post cards at 10c a packet. Order 20 packets to-day. When sold send us $2.00 and we will positively send you at once the watch, ring and chain.
Palace Mfg. Co., Dept. 507 Chicago

FREE WATCH RING & CHAIN
We positively give to BOYS and GIRLS a BEAUTIFUL American-Made stem-wind stem-set watch with handsomely designed case, proper size. GUARANTEED 5 YRS. Also dainty ring, set with three sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain.
We Guarantee Satisfaction.
Dale Watch Co., Dept. 53 Chicago

Ladies & Gents Watches FREE
We give all grades of Watches for selling our fine Art Post Cards at 10c per pkg. Order 20 pkgs. today. When sold, send us the $2.00 and we will send you an elegant 5 YEAR GUARANTEED WATCH, also a FINE SIGNET RING and a CHAIN, postpaid, as per our premium list. IT COSTS YOU NOTHING. Write us to-day.
BELMONT MFG. CO., Dept. 139 CHICAGO

ALL THE NEW SONGS & MUSIC 10c.
NEW SONGS SONG BOOK
Put on Your Old Gray Bonnet, I've Got Rings on My Fingers, By the Light of the Silvery Moon, I Love My Wife But Oh You Kid, School Days, Baby Doll, Pony Boy, Honey Boy, Take Me Out to the Ball Game, I Wish I Had a Girl, When I Marry You, Red Wing. Big Book of all the Latest Song Hits War, Coon, Irish, Comic, Love, &c. best and biggest Collection of SONGS & MUSIC Ever Offered, also Big Cat. and List, a $ Due bill and a Gold Prize Ticket. ALL for ONLY 10c. COIN or 3 Lots 25c
ALL POSTAGE PAID BY US Samuel Cooper Co. Box 101 Horton, N.Y.

SNAP LOCK BRACELET & RING Free
FREE
Beautiful Gold Plated Bracelet set with sparkling gems, and handsome Signet Ring, both FREE for selling 20 pks. Art Post Cards at 10c a pkg. We trust you. Write today for 20 packages.
Regal Mfg. Co., Dept. B444, Battle Creek, Mich.

BOYS VIOLIN
FREE!
This fine, sweet-toned violin also white horsehair bow and box resin free for selling 20 pkgs. Art Post Cards at 10c per pkge. Send for cards. When sold, send $2.00 and Violin and Complete Outfit will be sent promptly. Satisfaction guaranteed. ALTON WATCH CO., Dept. 49 Chicago

BRACELET AND RING FREE
We positively give free a fine Adjustable Signet Bracelet, guaranteed 5 years, also a beautiful Stone Set Ring for selling 20 packs high-grade art post cards at 10c a pack. Order 20 packs, when sold send us $2, and we will positively send
Bracelet and Ring. WELLS MFG. CO., Dept. D47 CHICAGO

IF YOU STAMMER
I will send you my 84-page book "Advice to Stammerers" Free. It explains how I quickly and permanently cured myself. Profit by my experience and write for free book and advice.
BENJ. N. BOGUE
1515 North Illinois St., Indianapolis, Ind.

Fish Bite like hungry wolves and keep you busy if you use Y. C. Bait. Best bait known for enticing all kinds of fish. 25c. a box. Write for Free Booklets and our Special Offer of one box to help introduce it.
Walton Supply Co., Dept. T St. Louis, Mo

Fish Bite Like hungry wolves any time of the year if you use Magic-Fish-Lure. Best fish bait ever discovered. Keeps you busy pulling them out. Write to-day and get a box to help introduce it. Agents wanted.
J. F. Gregory, Dept. 82 St. Louis, Mo

10 POST CARDS FREE
We will send you 10 of the prettiest post cards you ever saw if you will cut this advertisement out and send it to us with 4c to pay postage and mailing and say that you will show our post cards to your friends and explain our offer to them. D-223, NEW IDEAS CARD CO., 33 So 5th St., Phila., Pa.

ART & ETIQUETTE of COURTSHIP or Lovers Guide
Tells "How to Woo an Heiress, "How to Court a Bashful Girl" "How a Lady Should Manage Her Beau to Make Him Propose Marriage, "How to Catch a Rich Bachelor, "Love Letters, "How to Win the Favor of Ladies, "Wedding Etiquette, etc. etc. All subjects treated in a manner most helpful to Lovers. This Great Book sent Postpaid for only 10c., 3 for 25 cts., or 7 for 50 cents. Send coin or money order. Gem Co., Box 92 Horton, N.Y.

25 NEW DESIGN POST CARDS 10c
all different, Easter, Gold, Embossed, Birthday, Flower, Love, Pretty Girls, etc. Order Quick LANGLEY CARD CO., Dept. 334 CHICAGO.

When writing to Advertisers don't fail to Mention Up-to-Date Farming

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

Did you notice the special offer made to the young people on the Cadet page in Up-to-Date for March 15? Fifteen beautiful Easter cards to each 25-cent subscriber, and fifty of the prettiest Easter cards you ever saw to any one who gets four such subscriptions and sends with the names the dollar to pay for them. Have you already got the subscribers and sent in for the cards? Hundreds of the Cadets have done so, and if you will hurry, you may still get the cards for Easter. I wish you would, for I want you to have those cards.

I have received another big pile of letters since last issue, and I am going to print as many of them as I can, and will give the names and addresses of the writers whose letters are crowded out.

DEAR CADETS: I was 16 years old March 8, and I go to school at Winfield. There are about 40 pupils in my school, and I am the only one in the eighth grade. I expect soon to take the free school examination for diploma. We live on a farm. My father owns over 300 acres of land, and keeps five horses, 50 head of cattle and several hogs. We run a butter dairy and sell the butter at 40 cents per pound. I feel very sorry for Nellie Tipton, and will send her a card for her birthday. I have read Up-to-Date Farming more than two years, and I think it a fine paper. We would not do without it. I enjoy reading the Cadet letters very much.—Ruth Ross, Fairmount, W. Va.

DEAR CADETS: I live in Pennsylvania, two miles north of Elizabethtown, and near the Carwall and Lebanon railroad, on a 58-acre farm. I like to farm. I love the horses and cattle, and we raise wheat, rye and corn. I attend the Beates school, where there are 24 pupils, and Ira Brinser is the teacher. My papa is a reader of Up-to-Date Farming and we think it the nicest and cleanest paper in existence. I love to read the Cadet letters, and I would like if the Cadets would send me cards. My birthday is April 2, and I will then be 11 years old.—Homer Nissly, Elizabethtown, Pa.

DEAR CADETS: I am a little girl just eight years old, and I live on a farm along the Conewago hills. We keep two horses, eight cattle, two hogs and a lot of poultry. Last spring we built a poultry house and made a big yard for the fowls. There are four in my class at school and I am at the head end. I would like to receive cards and letters from the Cadets.—Rachel Nissly, Elizabethtown, Pa.

DEAR CADETS: I am 15 years old and weight 145 pounds. My father owns 200 acres of land, and we feed cattle and hogs and ship them to Chicago, when they get fat. I would be pleased to exchange cards with the Cadets, and will answer all I receive. I wish success to Up-to-Date, and hope to hear from some of the Cadets.—Bliss A. Loudenburg, Bradford, Ill.

DEAR CADETS: Will you make room for a Dakotian who, for three months, has been reading the best farm paper ever published, Up-to-Date Farming? I do think it is the best paper out, and there are always fine letters in it from the Cadets. I am a young farmer, farming about 500 acres of land. Our main crops are wheat, corn, oats, barley, flax and Speltz, which, when ground, makes fine horse feed. We also raise fine potatoes, but not much fruit at present. The land lies quite level, and has a good sub-soil, black and fertile. We also have good roads. I think the farmers will soon organize here for business. We already have a farmers' telephone and a farmers' elevator, and the farmers set the price on what they have to sell. I am going to send in a club of subscribers in a few days. I am 20 years of age, have light curly hair and no bad habits. I will answer all letters and cards from Cadets aroung my age.—William Miller, Frankfort, S. D.

DEAR CADETS: In this letter I am sending 50 cents for my renewal and the seeds, and also a new subscriber. I am the only child of an Ohio farmer, and we live on our own farm near a little town called Wyoming. We have 4 horses, 20 cows and between 20 and 30 pigs. I have been reading Up-to-Date for some time, and think it a fine paper. I am going to graduate in the spring, and I take music at the Cincinnati conservatory. My birthday is April 2, and I will answer all postals I receive.—Georgetta Spangler, R. R. 5, Station R. Cincinnati, O.

DEAR CADETS: Having recently received a copy of Up-to-Date, I wish to become a Cadet. I will be 19 June 22, and I am 6 feet high, with light hair and eyes, and weigh 150 pounds. I live in the country. I couldn't live in town. There is nothing I like better than farming, and in a few years I will show the farmers around here something about that business. I live in the northeast corner of Minnesota, two miles from the border of North Dakota, and 15 miles from the Dominion of Canada, on a farm of 480 acres. We have 14 horses and 12 cows, besides pigs and poultry. Tonight we lost a fine horse that weighed 1,700 pounds, and was valued at $250. Farmers here raise wheat, oats, barley and flax. This is a fine country for farming, but it is pretty cold in the winter, though we are having nice weather now (February 14). This is the first letter I ever wrote for publication, and I would like to exchange cards with Cadets near my age. Give description so I may know what you look like.—Roy L. Kerns, Northcote, Minn.

DEAR CADETS: As I am a little boy 6 years old, and can not read or write, I always want my mamma to read the Cadet letters for me. I am standing by her side while she is writing for me, which I asked her to do. My papa is a renter, but he keeps and owns quite a lot of stock—4 horses, 40 sheep, 3 cows, 8 hogs and about 100 hens. I enclose ten cents for the Easter card trial offer.—Cecil Isham, Middletown, Mich.

DEAR CADETS: Sister Grace joined you a few months ago. I am 12 years old and go to the high school. Mamma takes Up-to-Date and likes it fine. My teacher is Miss Anna Pierce, and I like her very much. We live about ten minutes walk from school, church and town. I sent 25 cents for Nellie Tipton's picture, and it is fine. I think she deserves all the help we can give her. We have about two feet of snow now (March 7), and it is quite cold. I enjoy skating very much, and dancing also. This is a very fertile and healthy state. I would like to exchange post cards, and will answer all I receive.—Mabel Ball, Holland Patent, N. J.

DEAR CADETS: My father takes Up-to-Date Farming and he thinks it is a grand paper. Hiawatha is a little village in the northern peninsula of Michigan, and is about 15 miles from the shores of Lake Michigan. I am 16, and about 5 feet, 6 inches tall. My birthday is July 25. It is quite cold here now (March 6), and the snow is two and one-half feet deep, but it is melting fast. It generally lasts here till about April 1. About the middle of May farmers begin planting. They raise ostly potatoes and wheat and other grains, and strawberries, peas and most vegetables. Blackberries, raspberries and blueberries grow wild, except that a few farmers have small patches of their own. I would very much like to receive cards from any of the Cadets.—Amy B. Kepler, Hiawatha, Mich.

DEAR CADETS: I am a Keystone girl, 15 years old. My father has been taking Up-to-Date Farming for seven years, and we think it is a fine paper. Mr. Everitt is sure helping the farmers along with the business part of their occupation. I certainly do enjoy reading the Cadet letters, especially those concerning Nellie Tipton. I live on a farm four miles from the nearest town. I have three brothers and I have been going to school this winter. My sister and I go horseback riding in the summer; we think it is fine sport. I en-

20 Beautiful Post Cards 10c
Very Choicest Gold Embossed


Our prize collection of 20 most beautiful Souvenir Post Cards, in lovely colors and exquisite gold embossed designs, all different, extra fine quality, and the prettiest collection ever offered; to introduce our cards quickly we send these cards and latest catalogue prepaid for only 10cts; 6 pkgs 50cts.
Seymour Card Co., Dept. 90, Topeka, Kan.

20 Beautiful Post Cards 10c
Very Choicest Gold Embossed
Lovely assortment of 20 Artistic Friendship, Good Luck, Roses and Flowers in exquisite colors all for only 10cts. If you answer this ad immediately.
J. H. Seymour, - 234 W. Eighth St., Topeka, Kan.

"MARRIED BY MISTAKE" Most thrilling love story ever written; an absorbing interesting book of 80 chapters; to quickly introduce our popular publications we send it prepaid for only 10 cts. to pay mailing expense. Fiction Club, 834 Jackson St. Topeka, Kan.

5 Fine POST CARDS Free
Send only 2c stamp and receive 5 colored Gold and Embossed Cards FREE, to introduce post card offer.
Capital Card Co., Dept. 130, Topeka, Kan

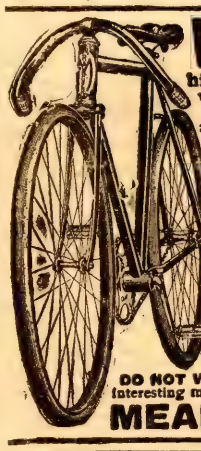
6 Lovely Post Cards 2c
Send 2c stamp for 6 of the prettiest cards you ever saw; gold embossed, varnished, etc. Illustrated catalog free; also Big Surprise Offer to Post Card Buyers and plan to get 100 rich cards free.
ELLIS ART CO., DEPT. 224, 538 LAWNDALE AVE., CHICAGO.

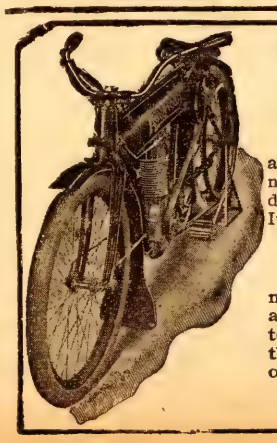
15 Very fine Easter, Best Wishes and Birthday cards for 10c. 6 Gold Back Gelatine cards all for 10c.
GERMAN POST CARD CO., Dept. 68, Burlington, Ia.

Join a Brass Band Everybody Invited

Here is the opportunity now for everybody who wishes to get ahead—to enjoy life and make money. We will give you **inside pointers** on how to join a brass band. Send today for Band Catalog, "Tale of Two Towns," information blanks about brass bands and the Whistle-o-phone, ALL FREE. Write today.
LYON & HEALY, Dept. 30-79, Wabash Ave. and Adams St., Chicago

WILL YOU WORK AN HOUR A DAY FOR $21.00 A MONTH?
I don't care who you are or where you live—men—women—boys—girls—I want you to work for me and I will pay you big.
If you can give all your time to my work you can earn up to $175.00 or more a month.
My work is High Class—Clean and Pleasant. You can do it in your spare time. I start you. No capital needed.
Be your own Boss—fix your own hours. How nice to have plenty of money! How much shall I pay you?
You can earn $21.00 to $175.00 a month by working for me one hour or more a day.
SEND NAME ON POSTAL QUICK TO
C. L. DAVIS, Mgr., Salary Dept. 20, CANTON, O


WANTED—RIDER AGENTS IN EACH TOWN and district to ride and exhibit a sample 1911 Model "Ranger" bicycle furnished by us. Our agents everywhere are making money fast. *Write at once for full particulars and special offer.*
NO MONEY REQUIRED until you receive and approve of your bicycle. We ship to anyone, anywhere in the U. S. *without a cent deposit* in advance, *prepay freight*, and allow **TEN DAYS' FREE TRIAL** during which time you may ride the bicycle and put it to any test you wish. If you are then not perfectly satisfied or do not wish to keep the bicycle you may ship it back to us at our expense and *you will not be out one cent.*
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SECOND HAND BICYCLES—a limited number taken in trade by our Chicago retail stores will be closed out at once, at **$3 to $8 each.** Descriptive bargain list mailed free.
TIRES, COASTER BRAKE rear wheels, inner tubes, lamps, cyclometers, parts, repairs and everything in the bicycle line at **half usual prices.**
DO NOT WAIT—but write today for our *Large Catalogue* beautifully illustrated and containing a great fund of interesting matter and useful information. It only costs a postal to get everything. **Write it now.**
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Given FREE As A Prize
We will positively give this elegant $250 Motorcycle absolutely free as a prize, as an advertisement for our business. Our plan is new and novel, and if you are willing to hustle about among your friends and do a little talking for us and our business, the machine may be yours. It is the one chance of a lifetime, so act now and promptly.
Send Your Name—No Money
If you will just drop us a postal and tell us you are interested in our new contest, we shall be more than pleased to send you at once full and complete particulars regarding it. We are sure our plan will interest you at once. We give 24 other valuable prizes, in addition to the motorcycle, all in the same way. No money required—just a little of your time. So let us hear from you quickly. Address
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If you want to add not only to the appearance of your property but to its value, put up an **attractive** *and* **durable**

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thus combining artistic appearance, permanence and economy.

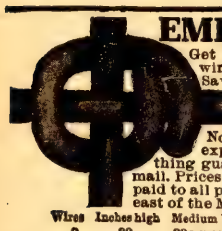
REPUBLIC FENCES are built not only for beauty, but for utility. The fabric is made of best quality heavily galvanized cables and heavy upright pickets, corrugated only where they engage the cabled line wires. These features combine to make a rustproof fabric.

Made in attractive designs, for either wood or iron posts. Self adjusting to uneven ground and easily put up.

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Get the genuine EMPIRE big wire fence, direct, at wholesale. Save dealer's profits.

Big Factory, Big Sales, 23 Styles

No traveling salesmen, small expense, prices low. Everything guaranteed. Free samples by mail. Prices of leading styles freight prepaid to all points north of the Ohio and east of the Mississippi River:—

Wires	Inches high	Medium Weight	Extra heavy (all No. 9)
9	39	23c per rod	37c per rod
10	47	26c per rod	41c per rod
12	55	32c per rod	49c per rod

Special rates beyond this territory.

BOND STEEL POST CO., 31 E. Maumee St., Adrian, Mich.

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Rust Proof - Bull Strong

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47-Inch Fence, 24c Rod

Other styles at proportionate prices.

Heavy high carbon steel wire thoroughly galvanized. **Can't rust.** Stretches anywhere. Shipped direct from factory to you. Sample and catalog free. Write today.

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6 cts. a Foot for IRON FENCE

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Buy direct from our factory.

Write for Free Catalog.

DWIGGINS WIRE FENCE Co.
208 Dwiggins Avenue, Anderson, Indiana

13¼ Cents a Rod

For 18-in. 14 3-4c for 22-in. Hog Fence; 15c for 26-inch; 18 3-4c for 32-inch; 25c for a 47-inch Farm Fence. 48-inch Poultry fence 28 1-2c. **Sold on 30 days trial.** 80 rod spool Ideal Barb Wire $1.45 Catalogue free.

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Box 418 Winchester, Ind.

LAWN FENCE

Many Styles. Sold on trial at wholesale prices. **Save 20 to 30 per cent.** Illustrated Catalogue free. Write today.

KITSELMAN BROS.
Box 384 Muncie, Indiana.

Tell them you saw the "ad." in Up-to-Date Farming

close a subscriber, wishing to be both a Cadet and a Pioneer. I will answer all post cards promptly.—Martha Grove, Aitch, Pa.

DEAR CADETS: I am a Texas girl 16 years of age, and live on a farm of 320 acres. I think farm life is the sweetest life yet. I had a copy of Up-to-Date sent to me, and I found it a grand paper. So I subscribed for it, and when I get my paper I always turn to the Cadet page. You Cadets do write interesting letters. We raise corn, cotton, cane, oats, potatoes and peanuts in this part of Texas. I have 7 brothers and 1 sister. Three of my brothers are away and two are going to school. We have a great deal of stock—cows, horses, hogs and chickens. I am very fond of flowers. Violets are my favorites. I am glad to receive post cards any time. I don't want any of the Cadets to overlook me. I will answer all I receive.—Annie Brookshire, Lufkin, Texas.

DEAR CADETS: I have been reading letters from boys and girls that live in the south, and thought some might like to hear from this country. I live about 16 miles west from Lansing, the capital of Michigan, and I live two and one-half miles from a railroad. This state has some very fine schools and colleges. I am 18, and I like to write about the beauties of Michigan. The Eaton country is quite thickly settled, and there are some fine farms. There are also timber lands worth from $50 to $100 an acre. I am interested in Michigan and Ohio, and would like to hear from there. My grand parents came from Ohio about 50 years ago. I like Up-to-Date Farming better than ever. We think it the best farm paper a person can take. I would like to receive cards from the Cadets.—Gustus Figg, Grand Lodge, Mich.

DEAR CADETS: I have been taking Up-to-Date for some time, and we all like the paper very much, and I was so anxious to become a Cadet and a Pioneer of Equity that I filled out the coupon January 20, and sent 30 cents in stamps and a new subscriber for that purpose and the 20 beautiful cards. I shall also try to get a club for the garden seeds; so as I think it a grand offer for the young people. My brother is going to get a new subscriber so as to secure the Model Market potato. I am greatly interested in your paper, especially the Cadet corner. I feel so sorry for poor Nellie Tipton and all others that are crippled. I know what it is for I have a brother that has been a cripple four years, caused by hip joint disease. He can not walk without a crutch. I would be pleased to receive cards from any of the Cadets.—Leona Fillion, Keermoor, Pa.

Types are the meanest things in the world sometimes. In last Up-to-Date they made a writer's name read Sarah Okio when it should have read Sarah Okiel. But that type won't play us that trick any more; we pitched it into the pot and melted it.

Below we give the names of the writers whose letters were crowded out:

Herman Ketchum, Rodney, Mich 17
May Loux, Strout, Ill 18
Nellie Dilman, Indian Springs, Ind. ..18
Mary Foreman, Great Cacapan, W. Va. 11
Celete Kidd, Emma, Texas 12
Ida Bramel, Flemingsburg, Ky. 19
Herbert Spurling, Spurlington, Ky. ...16
Mamie Anderson, Sheridan, Ill. 10
Willie E. Cobb, Maple City, Mich. 12
Reuben Johnson, Lacona, Iowa 13
Maude Grimm, Sharpsburg, Iowa ....
Lelia Rush, Xenia, Ill. .....
Etta Mae McClure, Roe, Va. 16
M. K. Thomas, Georgetown, Ind. 10
Mae Dickey, Elk Lick, Pa. 15
Mabel Haley, Newton, W. Va. 15
Pha Aten, Ral, Ill. 14
Adeline Nelson, Springfield, Idaho ....
Mabel White, Meshopper, Pa. 19
David A. Eckhart, Weissport, Pa. 19
Leora Bailey, Uniontown, Kas. 13
Marie Sprenger, Tonawanda, N. Y. 17
Otis B. Cauble, Holyoke, Col. 17
Ethel A. Bechtel, Dauphin, Pa. 14
Harry Henderson, West Union, Ill. 14

Special Letters

The following is a second letter from a Cadet, but it contains so many good thangs that we wish to print it any way:

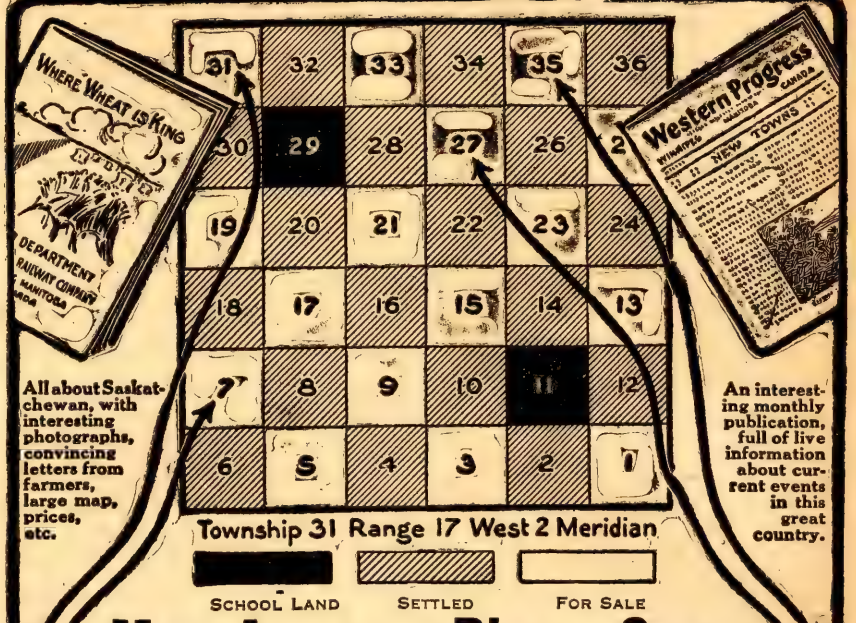
I wish to write again to our dear old Up-to-Date. I am a farmer's daughter and can do most any kind of farm work. I help papa with the crops in summer. I love outdoor life and most of all, horseback riding. I can care for the horses as well as a man. I do most of the housework too, as my sister isn't at home now. Papa has been a subscriber for Up-to-Date ever since it has been published. I would like to help put the paper in every home, for I know it is needed on every farm. We have had five sets of Mr. Everitt's post cards, and I think they are the prettiest cards I ever saw. I am 17 years old, and would like to exchange cards with the Cadets.—Pearl Good, Island Branch, W. Va.

Yes, you are both a Cadet and a Pioneer, Pearl. Your Cadet number is 789 and you became a Pioneer December 29, 1910.

The following is also from a second Cadet letter:

I hope through the Cadets to find my long lost aunt. Her name is Fannie Estell, the wife of Will Estell. When last heard of she was at Cape Girardean, Mo. Any information will be thankfully received, and I would like to exchange cards or letters with the Cadets.—Mary Thompson, Reck, Okla.

SASKATCHEWAN SNAPS



All about Saskatchewan, with interesting photographs, convincing letters from farmers, large map, prices, etc.

An interesting monthly publication, full of live information about current events in this great country.

More Acres and Bigger Crops

Act quick if you want one of these choice remaining 160 acre home farms. They are going fast. Every farm is near a railway and in settled conditions. **Every one a money-making farm—every one a genuine snap. The same soil that produced the wonder wheat crop of the world.**

A few choice **Saskatchewan Snaps** are described below. If none of them is exactly what you want, tell us what you would like, and we will direct you where to find it, and if on inspection it doesn't suit, we will show you something that will. We can give you every advantage; schools, churches, good roads, good neighbors and good railway facilities. Hurry up and write. **You have something to make and nothing to lose.** Tell us what you want and all the resources of the great Canadian Pacific Railway will work for you.

NORTHWEST QUARTER OF SECTION SEVEN. 160 acres. Soil, an easily worked clay loam on rich clay subsoil. Undulating to slightly rolling. Some small poplar and willow bluffs. Quantity of hay could be cut. 80 acres can be cultivated at once. A good tract for general farming. 10 miles from station of Candahar. **Price, $13.00 per acre. Easy payments.**

SOUTHWEST QUARTER OF SECTION THIRTY-ONE. 160 acres. Soil, a rich dark chocolate clay loam on deep clay sub-soil. Gently undulating prairie with splendid growth of upland grass. 155 acres suitable for immediate cultivation. 6 miles from Candahar Station. Would make an ideal farm. **Price, $20.00 per acre. Easy payments.**

NORTH HALF OF SECTION TWENTY-SEVEN. 320 acres. Soil, a rich clay loam, with small percentage of sand, on deep clay sub-soil. Undulating with small scattered bluffs of poplar, good shelter for cattle. Good growth of grass. 200 acres can be cultivated immediately. Whole tract can be brought under cultivation. Suitable for mixed farming. 4½ miles from Candahar Station. **Price, $15.00 per acre. Easy payments.**

NORTHEAST QUARTER OF SECTION THIRTY-FIVE. 160 acres. Fertile clay loam with slight quantity of sand, on rich, deep clay sub-soil. Slightly rolling, broken by few small sloughs containing good growth of hay. 5 miles from Candahar Station. 110 acres immediately cultivable. **Price, $15.00 per acre. Easy payments.**

Generally, the soil in this township is a rich clay loam on a deep clay sub-soil, a combination which produces wonderful crops. The poplar scrub scattered over some of the sections may be utilized for fire wood and as the roots are close to the surface can easily be cleared with a breaking plough. The settlers are progressive and satisfied without exception. Within easy distance of the flourishing town of Wynyard, population 400, grain elevators, lumber yards, hotel, banks, farm implement agencies, flour mill, and the usual lines of general business, also school and churches. Three miles from Big Quill Lake. Ready markets for farm produce at Wynyard and Candahar.

Easy to Buy
Easy to Pay

In this happy-condition region hosts of farmers have paid for their lands with the first crop. An average crop of 25 bushels of wheat at only 80c will yield $1200 on 60 acres, which is the area you may expect to cultivate the first year. Such land can be had as low as $10 per acre, with first cash payment of only $1.50 per acre; balance, easy long time payments.

Come and see these farms. You don't have to buy unless you are fully convinced that your chances are better here than where you are now.

Post yourself thoroughly before you come. Our descriptive matter is first hand reliable information.

THESE BOOKS FREE TO YOU

"Where Wheat is King" and "Western Progress"

These books will open your eyes to the rich possibilities and healthful climate of **Golden Saskatchewan.** The best all year 'round climate in the World. Send your name today for these books. You will never regret it.

CANADIAN PACIFIC RAILWAY, General Land Dept., 175 Higgins Ave., Winnipeg, Can.
F. T. GRIFFIN, Land Commissioner **J. L. DOUPE, Assistant Land Commissioner**

STAR FENCES COSTS NOTHING



to find out about our fences. **Guaranteed** in every respect. **Best quality** wire used. Easy to erect. Allowance for expansion and contraction. See our crimp. Nothing like it elsewhere. Write for Free Catalog.

Dwiggins Wire Fence Co., 208 Dwiggins Ave., Anderson, Ind.

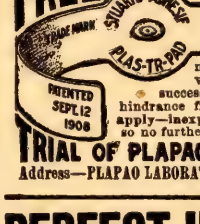


ORNAMENTAL FENCE. Cheaper and far better than wood for Lawns, Churches, Cemeteries. Also Poultry and Farm Fence. Free Catalog. Write for Special Offer.

THE WARD FENCE CO., Box 938 Decatur, Ind.

Don't Wear a Truss

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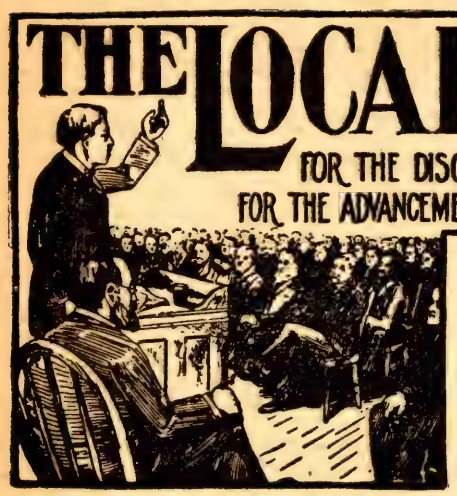


STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

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PERFECT HAIR If you have lost or are losing your hair, if troubled by dandruff or gray hair, let us send you large illustrated Treatise, FREE. Koskott Laboratory, 1269 Broadway, 434 C, New York, N. Y.



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden."* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members*. The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressixe ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



here. It is a demand of the Farmers' Society of Equity is shown for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

Good topics for debates in the local unions for April, can be found in the proposition to admit Canadian farm products into the United States free.

—o—

We will suggest some subjects and then offer a few reflections on them for the benefit they may be to start our readers to thinking and talking.

—o—

We suggest these subjects for debate:

1. Resolved that the admission of Canadian farm crops into this country will be injurious to the United States farmers.

2. Resolved, that free trade for Canadian farm products into this county will be as injurious to the farmers of Canada as to our own.

3. Resolved, that free trade for Canadian farm products into this country will be as injurious to farmers all over the world as it will be to the United States farmers.

4. Resolved that either designedly or luckily Great Britian will be the chief and great beneficiary if the reciprocity agreegent is enacted into a law.

—o—

We have in the past attempted to prove, and we believe we did prove to the satisfaction of every fair minded person, that from 1903 down to 1909 inclusive, the farmers of the United States marketed their crops more systematically than they ever did before, or than they are doing now. We mean that they controlled them better and let them go to market more nearly as the real demand needed th

—o—

We do know that it was a fact that tens of millions of bushels of grain, and immense quantities of other crops, including hogs and cattle, were held for certain prices that were agreed upon by the American Society of Equity, which was then a very influential institution. That this is true we can point to the visible supplies which were kept lower than ever before, even with larger crops raised, and the fact that the live stock markets invariably got less supply whenever the prices went down materially. Any person who followed the markets during the period referred to above knows that what we claim is true.

—o—

So it was the refusal of the farmers of this country to take the price offered by Liverpool that made our surplus "out of line for export" early in the season. Being out of line for export, or ignoring the export demand, and our farmers holding on to their surplus, and having fixed a fair price in their minds, they supplied the local demand at these higher prices. The tariff protection farm crops had, made it possible for our farmers to do this.

—o—

But by and by, the world needed our surplus, the world price rose to the United States price, and the surplus that the farmers were holding, went out at their prices.

—o—

So here is the point to the argument:

The tariff made it possible for our farmers to thus act within themselves and they secured good prices for the local consumption. While Liverpool may have been setting prices on grain from other parts of the world, it did not do it for our grain. But gradually growers and handlers all over the world got wise, saw the higher prices that prevailed in the United States and asked the same. Thus we claim that the United States farmers made the world prices, at least part of the time, over the period referred to above. And, if the same teaching, organization and direction had continued, we would have soon seen our chief crops selling at the farmers' price for the first bushel, or other unit marketed, as well as for the last and all of it.

—o—

And the U. S. would have continued to be the world power in making prices, until possibly foreign countries, encouraged by the good prices, might produce a real surplus. Then the remedy would still be in the hands of the organized United States farmers—they would have regulated production to equal the home demand and left the foreign trade to other countries.

—o—

Now it is clear that the protection that United States farmers have enjoyed in the tariff made it possible for them to get higher prices than other countries were taking, part of the time. Witness: "The price is out of line for export." But eventually prices were raised to the United States level and our surplus was taken, which also put foreign countries—Canada, Argentinia, Russia, Austria, India and Australia—on the United States basis for price. Therefore, the tariff protection for our farmers blessed all the farmers of the world. Remove it, throw Canadian farm produce on this country without any restrictions, or open the gates so they can come in free, and our farmers will be powerless to control the home market price, consequently powerless to exert their old power on the world price.

—o—

Remove the Canadian tariff on farm produce, which will be equal to opening up this country to the competition of agriculture of the world, and our farmers will be reduced to an exact industrial equality with the cheapest and meanest farm labor in the world, no matter where it exists. Then they will be powerless to protect themselves and powerless to perform their valuable service to the farmers of other countries.

—o—

The Canadian agreement made a law, will not only curse this country, but the world of farmers. But let the tariff undisturbed and the Farmers Society of Equity will soon bring about the old condition again which every farmer in the world should pray for.

—o—

Great Britian is the smallest producer of farm crops compared to consumption of any country in the world, and is the largest buyer. Of course, the recent high prices were an enormous tax on her. We could not conceive of a shrewded move on her part than to conspire to break down the United States farmers' power and again make her mistress of price making. We wonder whether President Taft and others have innocently walked into a trap she set; or whether this movement is just a piece of lucky business for her?

—o—

Discuss this matter in the local unions, by the firesides, in neighborhood gatherings, on the roads and streets, everywhere where two or more meet. The question is the most momentous that ever confronted the country and causes us to stand amazed at our representatives for ever thinking or doing such a thing, let alone being determined to push it through.

—o—

Farmers must not look to others for protection. Time was when farmers outvoted the city residents, and they got more from the lawmakers. Now the cities outvote the country and it is possible that the politicians will put this proposition through with the belief that it will give their city constituents cheaper living. But they will wake up to find that while living may be a little cheaper there won't be a twenty-five-cent piece to buy food with where there was a dollar before.

—o—

The remedy is with farmers themselves. Organize! Join the only organization that has a sound plan—the Farmers Society of Equity. Help the 1911 campaign. Send your dollar now. Become a member at large. Your dollar will help furnish the munitions of war and the campaign will be pushed to complete success.

—o—

The full membership fee is $2.00, but Members-at-Large are accepted at $1.00. Fill out and send this blank.

APPLICATION FOR MEMBERSHIP AT LARGE

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R.*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

I further agree to attend the meetings of my local union, (when a member of one) to assist in its programs, to talk, praise and promote the Society, by voice, pen, the wearing of the official button and distribution of literature, as may be convenient, to its upbuilding throughout America.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date, for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) and gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?.....

Will you try to Organize a Local Union?.....

Name of Your Shipping Station .....

LADIES SOCIETY OF EQUITY

President, Mrs. James Howey, East Jordan.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

LADIES SOCIETY OF EQUITY OPPOSED TO THE RECIPROCITY AGREEMENT

THE farm women, members of the Ladies Society of Equity, have not been idle during the days when the reciprocity treaty was before the senate. Letters were written to many senators. Copies of Up-to-Date Farming were marked and mailed to congressmen and senators, and editors. These men in their haste to pass the treaty seem to have forgotten all about the farmer, and we feel sure never thought about the farm women, on whom so much depends. But in organized form we can voice our opposition to this unjust treaty and have a weight that we could not have single handed. Protests were issued from national and state unions and were replied to. The protests were sent in behalf of the farm women, so we believe they should read them and we now send them for publication. We also ask more farmers' wives to send their protests. We must keep busy if we would win. I want to ask every farm woman to help in sending a shower of Up-to-Date Farming to the new congress April 4.

MRS. JAMES HOWEY,
Pres. L. S. of E.

To Congress of the United States,

The Michigan State Union of the Ladies Society of Equity wishes to submit the following protest against the Free Trade Treaty with Canada:

We are a society of farmers wives and daughters, pledged to support the farmers in all just and lawful ways, and we now, as loyal farm women, feel stirred with indignation at the proposed agreement that our President seems determined to enter into.

While we are loyal to those in power, we fully realize that farming is our calling and that our living and the welfare of the nation is involved. The high prices of living must not be charged to the farmer, who, notwithstanding present high prices, receives very low prices for many of his products. Therefore, this State union appeals to congress to be true to the farmers that have made you their representatives in power, and to see that justice is done for the American farmer and his family.

Think, if you will, of the quiet and unspoken appeals that are going up from the fireside of every farm home in every district that their senators and representatives will vote a "No," that will be heard over our broad land in their behalf. We protest against the passage of any bill in ratification of the reciprocity agreement with Canada, as it proposes to admit Canadian farm products free.

We come before you as an army of farm women pleading for justice for the farmers, and the protection of agricultural interests of this nation, and we ask you to endeavor to stay the giant hand uplifted to strike this killing blow to our noble industry.



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *I have received the constitution and by-laws of the Farmers Society of Equity. We ought to have a local union here as I think the F. S. E. comes the nearest to what the farmers need of any society yet offered them. Our grange here is incorporated and has a fine hall, but it seems to be of no practical value in a business sense for the marketing of farm products, and some of us feel the need of* ORGANIZING FOR BUSINESS. *Do you advise me to urge the matter before our grange? —M. S. Griffin, Penobscot Co., Me.*

ANSWER: Yes, urge the members to join the Farmers Society of Equity also. Then, through the two organizations you can realize your ambitions, socially and industriously. If the grange will not favor this then organize an independent local union of the F. S. E.

Q. *I would like to see a local union of the F. S. E. here so we can use its Equity System of Marketing if it is practical. Our principal crop is celery. There are about 2,500 cars shipped from here. We also raise a lot of lima beans. Several growers requested me to get full particulars.* (2) *Are the representatives of the Equity System reliable?* (3) *Are they bonded through your organization?* (4) *A whole lot of fellows in the produce business will claim that the celery is spoiled and have put in bills for freight charges, also there have been cases when they retained the money on stuff sold.* (5) *What remuneration is there to the person who will organize this section?* (6) *Do you admit Japanese in the Society?—A. W. Schoule, Orange Co., Cal.*

A. (1) It is. (2) Yes, all were selected with reference to financial responsibility and reputation for honesty and square dealing. (3) Most of them are bonded through the Fruit and Produce Reporting Company. (4) The representatives of the Equity System do not buy any stuff, they act as our members' agents. Their only interest is to get the most money possible for every shipment. Being agents it would be a crime, rather than a book account, if they would not make returns. (5) We have sent you our proposition. (6) Yes. No movement to ontrol crops, direct marketing and compel fair prices can be a complete success unless it takes all classes that are heavy producers into account. In the southern states the negroes usually have their separate local unions. This is a matter that can be decided locally or in each county.

Q. *Yesterday me had a meeting to organize a local union of the Farmers Society of Equity but got mixed up because some who wished to join said there were two societies. We postponed our meeting to hear from you.* (1) *If there are two societies, why don't they get together?* (2) *How many members is required to organize a local union?* (3) *What is the membership fee to join the Farmers Society?—John Rothenberger, Wood Co., Wis.*

A. (1) We have sent you literature. (2) Ten or more. (3) $2.00.

Q. *Please give me the address of people from whom I can buy grain.—Jacob Miller, Box* GJT, *Terryville, Conn.*

A. We believe Mr. Miller wants feed grain. Parties having it please offer.

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Reciprocity Agreement Class Legislation of the Worst Type

DEAR EDITOR:

The subject that most interests the agricultural classes of today is the prospect of the reciprocity treaty with Canada. The farmers have hitherto looked upon President Taft as a friend. To put it mildly they were greatly surprised and pained when they took in the full scope of this proposed treaty. They are at a loss to understand why they are thus turned down. If, as he says, it is done in order to cheapen the food supply, then it shows that he does not take in the full situation. If he will consult the market reports, he will find that the farmers are making on the average less than any other producing class. The cost of labor and machinery is steadily advancing, taxes are almost double what they were and still climbing skyward.

Under these circumstances, are not the farmers entitled to some consideration? It is through his labors that all other interests are upheld.

Anything that tends to destroy farming will weaken the foundation of the nation. Cheapen the prices of farm productions to that extent where there is no profit in farming, and the tenant farmers would seek some other employment, and farm owners would cultivate only acres enough to provide for their own necessities, and in this case the object of the bill would be defeated, or it would tend to add more to the consuming class and less to the producing.

If President Taft wishes to cut the price of living expenses he has begun at the wrong end of the line.

Secretary Wilson in his annual report says that fifty per cent is added to the cost of living expenses by the middlemen.

If President Taft and Congress would turn their attention to the cutting down of the middlemen's profits to a reasonable amount, they would go a long way toward solving the problem of living expenses.

If the American food supply can be successfully help up by trusts and monopolies and prices fixed to suit themselves, what hinders them from handling the Canadian crops in the same way, especially when they can buy under cover of free trade all the raw material they need, live stock and cereals, and then sell to consumers protected by a tariff? Was there ever a more unjust law thought of?

The trusts and combines that control the food supplies, have in this treaty all that they wish for—free raw material and a protected market to sell it in.

Can it be possible that congress will allow such a treaty to become a law? I can not believe it, for no other reason than political self preservation.

Party lines are well nigh broken down. Thirty per cent of the voters are tillers of the soil, and all look upon this proposed treaty as class legislation of the worst type.—J. S. Draper, Cass County, Michigan.

All Shall Know Up-to-Date

FARMERS SOCIETY OF EQUITY,

Enclosed is the coupon for the 1911 campaign with names and more names in this letter. I have phoned to some of these people and I am surprised to learn that they are not posted at all. Some of them are opposed to the Canadian-United States

To Introduce Our Big New Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.


A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Nigh

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—.O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there. —Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

.....

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.
Name .....

Address .....

agreement but are ignorant of the great work you are doing. I am very much interested in the 1911 campaign. If I was able financially I would devote my entire time to organizing. Of all the papers and magazines we take I would give up any one of them before Up-to-Date. But it came to my home a long time before I discovered its worth. And I find there are others the same way. I met a man only yesterday and read an article to him out of my paper and he said: "Why I take that paper and if it is anything like that I will go right home and read it." I will not admit that we are entirely to blame either because there are so many papers sent us that DON'T amount to any thing that we are apt to overlook one that is published in our interests. If you can only do something to insure that *the first copy of UP-TO-DATE FARMING is read by the head of the family* there will be no doubt about the rest.

Now since I know this paper all the people within reach of me will know it too, and what its mission is.—Dan C. Stetson, Emmet County, Mich.

DEAR EDITOR:

I don't see how we can have a state meeting in time to have any effect on congress in the matter of the Canadian tariff agreement. The time is too short to give proper publicity to our meeting. I believe if this proposed agreement was understood by the farmers it would not be endorsed by them. If we can show to our senators and representatives that it is truly against our interests, and will not benefit any but the non-producers and will be against the labor interests of the country, it would be defeated. Down here we look upon it as class legislation of the rankest kind and the party and men that pass it, if it is passed, will surely be passed in the future. Watch my prediction.—N. M. Ashby (a director F. S. E.), Sebree, Ky.

(Congress is uncertain and we can not tell when the reciprocity matter will be reached. But that is only one of several objects for which the meetings are to be held. The trouble for farmers now is that they no longer throw the balance of power in elections and the politicians are ministering to the city and town people who out-vote the farmers. They will promise them everything as they formerly did the farmers. This is a very serious condition as relates to agriculture and is one of the strongest arguments why farmers should organize for their protection.—Ed.)

Gratifying to the American Farmer

M. J. A. EVERITT, Pres. F. S. E.:

It is certainly gratifying to the American farmer, the stand you are taking for him. I sincerely hope the steps you have taken to convene meetings and conventions will lead to the defeat of the unfair proposed reciprocity bill, or if passed, then result in its early repeal. If the Society of Equity succeeds in defeating or even in modifying the bill it will have done a noble work. It is strange that the house was in favor of the measure. Men of the ability of our representatives should not stand by a measure so destructive to American farmers' interests. The senate has been criticised for its opposition, but they did what men should do and may they act men's parts to the end.

According to the advocates of the reciprocity bill the high cost of living is accredited to the farmers. Nonsense! What are the trusts doing? Even though the bill does pass, and the prices on eatables does fall, undoubtedly wages will fall in proportion and where will the working man get any benefit? The farmer will get 60 to 70 cents for wheat and the laboring man will continue to pay $1.80 for a sack of flour. Perfectly absurd! Where does the balance go? Answer, to the middlemen and trusts. Conclusion: If the tariff is taken off of the raw material, be fair and take it off of manufactured goods.

These are the opinions of farmers in this and other neighborhoods through this section.—Doyle D. Snead, Clearfield County, Pa.

A Great Mistake Was Made

MR. J. A. EVERITT:

It has been a long time since I saw a copy of *Up-to-Date Farming* until now one came. It looks natural and reminds me of the good times we had in our local unions. After that disastrous conspiracy in 1907 your paper was discontinued and the local unions ceased to meet. Since then we have been dragging along slowly and sometimes very stormily under three separate organizations. I was always, and am yet of the opinion that a great mistake was made when they conspired against your management of the Society, as that put a quietus on the locals. *Up-to-Date Farming* has been the most helpful paper ever printed for farmers. Its teachings and revelations awoke the tiller of the soil from his sleep of ages and for a time emancipated him from the grasp of the shylocks of the commercial world. But for its teachings the "man with the hoe" would still be a peon and the speculator a feudal baron. But thanks to you the farmer is coming to the front.

I will never again try to get along without *Up-to-Date Farming.*—W. H. Pope, Daviess County, Ky.

Premium Seeds Superior

DEAR EDITOR:

The most valued premium Seed Collection reached me on 13th and by night had all the seeds that would do, in the hot bed. Let me tell you, of all the seed houses that I have patronized your seeds are for superior to them all. Yours are so clean and large and uniform in size. The seed corn looks fine. I now look for my paper.—Sidney Hunt, Vermillion County, Ill.

(We are very proud of our Free Seed Distribution to improve garden and farm crops. The purpose is to educate planters to demand better grades and breeds of seeds, then the seedsmen will supply them.—Ed.)

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

AGENTS: 100 per cent profit. New patented awl. Sews harness, shoes, grain bags, anything. Sample free to workers. A Mathews, 1282 Third St., Dayton, Ohio.

AGENTS WANTED to sell mottoes. Send for catalogs. F. H. Arnesen, 1864 N. Leavett St., Chicago.

SALESMEN wishing to earn three to five dollars per day, write for terms immediately. First National Nurseries, Rochester, N. Y.

WE NEED SALES SOLICITORS—Good opening for right parties selling Marinette County, Wis., farm lands. Write for particulars. Skidmore Land Co., Box 56-A, Marinette, Wis.

Farm Lands For Sale

CENTRAL MINNESOTA—100 improved farms, low prices, easy terms, "Good Title Always:" write for list; mention this paper. C. D. Baker, Fergus Falls, Minn.

FARM FOR SALE in Leelanau county Michigan. Can not be excelled for fruit raising—influenced by the waters of Lake Michigan. John Belanger, Provemont, Mich.

"TIPS TO HOMESEEKERS" is free to all except "Suckers." Hesitate and investigate before you migrate. Sec. Scott Co. Development Association, Waldron, Ark.

WISCONSIN FARM LANDS in Marinette County. The chance of a lifetime to get good land cheap—$7.50 to $20 per acre—liberal terms. Clay loam soil; near city markets.

GREATEST GRASS and clover country on earth. Write for new booklet. Skidmore Land Co., Box 56-A, Marinette, Wis.

Farms Wanted

FARMS WANTED: Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 71 Palace, Minneapolis, Minn.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

FOR FREE ILLUSTRATED BOOKLET, describing Aluminum Shoes, for farmers and outside workers, address Metal Shoe Co., Station 126, Minneapolis, Minn.

RICE, NEW CROP, 100 pounds beautiful, clean, white table rice, in double sacks, freight prepaid to your station, $3.85. Safe arrival of rice guaranteed. J. Ed. Cabaniss, Rice Farmer, Katy, Texas.

Help Wanted—Male

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A-839. No obligation. Earl Hopkins, Washington, D. C.

SOUND MEN 21 to 40 YEARS OLD wanted at once for Electric Railway Motormen and Conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Railway Dept., Up-to-Date Farming, Indianapolis, Ind.

WANTED—Farmer boys to take the coming examination for railway postal and postoffice clerks. Salary $800 to $1,000. Common education sufficient. Write for particulars. American Institute, Dept. 61, Dayton, O.

YOU ARE WANTED FOR GOVERNment positions, $80.00 month. Annual vacations, short hours, no "layoffs." Common education sufficient. Over 12,000 appointments coming this year. Influence unnecessary. Send postal immediately for list of positions open. Franklin Institute, Dept. H-27, Rochester, N. Y.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

ALL LEADING VARIETIES Poultry, Pigeons, Ducks, Hares, Stock and Eggs for sale. 50 page book free. H. M. Musselman, Morwood, Pa.

ANCONAS AND WHITE ROCKS—Eggs $1.50 per 15. H Rhodes, S. Akron, O.

BARRED ROCK and Indian Runner duck eggs; stock of prize winners, $1.50 per 15. J. W. Powers, Wadely, Ky.

ELMER GIMLIN, Taylorville, Ill., White Wyandotte specialist. Winner at Illinois State Fair, St. Louis, Mo., and Illinois State Show, 1909. Eggs $1.00 to $10.00 per 15; $5.00 per 100. Stock, $2.00 to $25 each. Catalogue free.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs, Catalogue 2 cents. Missouri Squab Co., St. Louis.

INCUBATOR CHICKENS die by hundreds. We tell how to save them. Send us the address of ten people using incubators and get free, details of how we hatched, fed and raised fourteen hundred incubator chickens. Alva Remedy Co., Alva, Okla.

LOCATE THE LAYING HEN—Weed out the drones with La Fleur Method. New, simple, infallible. Trap nests unnecessary. Circular free. Flower & Co., Bridgeport, Ind.

SILVER LACED WYANDOTTE eggs, $2.00 per 15. Good layers, prize winners. Wortman's Poultry Yards, Leipsic, Ohio.

THREE CHICKEN GAPE worm extractors, 25 cents in silver; guaranteed. Dr. Wm. Hallowell, Johnsville, Pa.

TURKEY EGGS—Narragansett, Bourbon Red, $3 and $4 per 11; M. B. and W. H., $3 per 11. S. Durigg & Son, Armstrongs Mills, O.

Produce Commission Merchants

TAKE NOTICE—T. J. Hoover, Philadelphia, Pa., sells poultry, eggs, potatoes; carloads and less.

Seeds and Nursery Stock

SEED POTATOES—Sound and pure, illustrated catalog 70. Popular Varieties free. Arthur Aldridge, Fishers, N. Y.

MAYER'S PLANT NURSERY, illustrated berry catalog free. Merrill, Mich.

POTATOES—Early Six Weeks, Early Ohios, Irish Cobblers and Rural New Yorkers: Bu. $1.25, five bu. $1.15, ten bu. $1.00 per bu., bags free. Write for prices on car load lots. E. H. Beise, Mapleton, Minn.

Michigan State Meeting

F. S. E.

Grand Rapids, April 27, 1911

The first of the series of State meetings, announced in our issue of March 15, will be given to Michigan and will be held at Grand Rapids, beginning April 27, next, and will continue as long as necessary. The meeting place can be learned at any hotel in Grand Rapids. Local unions of the Farmers Society of Equity in Michigan should send one or more delegates, but the representation will not be confined to such. We want every county in the state represented. Actual farmers, land owners and renters are urged to attend the meeting and others who will honestly help to improve the system of marketing farm crops and loyally fight for farmers' protection and welfare are also invited to come.

The object of this meeting is to protest against the proposition to admit Canadian farm produce into the United States free; or if the law is enacted, then to compel its repeal in 1912 through united action by the farmers; to inaugurate an organizing campaign for the whole state so that the farmers of Michigan may co-operate in marketing their 1911 crops and to explain to the farmers of Michigan the Equity System of Marketing, instruct them as to the use of it, and secure its greater use.

The officers of Michigan state union are:

President, David Roush, Traverse City; vice-president, Frank Kidder, East Jordan; secretary, Chas. A. Edgecomb, Traverse City; directors, W. W. Beaman, Empire; Perry Fouch, Old Mission, and Chas. Masten, Sherwood; state organizer, John Belanger, Provemont.

Obtain further particulars from the officers, or from headquarters of the Farmers Society of Equity, Indianapolis, Ind.

J. A. EVERITT, President F. S. E., will be at this meeting.

Other State Meetings and National Conventions

As rapidly as arrangements can be made meetings will also be announced through this paper for the following states:

ARKANSAS, CALIFORNIA, COLORADO, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, MAINE, MINNESOTA, MISSOURI, MONTANA, NEBRASKA, NEW JERSEY, NEW YORK, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, SOUTH DAKOTA, WASHINGTON AND WISCONSIN.

The Annual National Convention of the Farmers Society of Equity Will Convene at Indianapolis, Ind., on October 23, 1911.

Farmers can not protect themselves and secure their rights short of co-operation; they can not co-operate until they are organized; they will not organize until they are educated—shown how. Therefore, the State meetings. At these meetings every county must be represented. Plans will be agreed upon and the delegats will carry them to every section of the State and start the education and organization in co-operation with the State and national headquarters.

So a coupon is printed below. Nominate two or more people who should attend your state meeting. We will correspond with all people nominated to secure their attendance and co-operation. Be sure to give county.

THIS IS THE COUPON—FILL OUT EACH LINE

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I nominate the following people to attend the meeting in my state:

1. Name ..... P. O. .....County.....
2. Name ..... P. O. .....County.....
3. Name ..... P. O. .....County.....
4. Name ..... P. O. .....County.....

My Name ..... My Address .....

Are you a Member of F. S. E.? ..... Will you attend the meeting? .....



And the farmer bears the whole burden. Shall Free Trade with Canada be added?

—Copyright by Life Pub. Co.

The Farmers Society of Equity is the only possible farmer's Society in my opinion. Its simple system of marketing is fairness and equity, and it is bound to be generally accepted in the near future.—Theo. Desmarets, Manistique, Mich.

Growing Better All the Time

DEAR EDITOR:

Our paper is growing better all the time. I believe you are on the eve of a great success in the Equity movement. When the wreck of the old society is entirely out of the way and the field is clear, as it is nearly everywhere now, then my belief is that you will gather the fruits of the education you have been giving for years.—S. W. Morris, Rochester, Minn.

Could Not Do Without It

DEAR EDITOR:

I could not do without your paper—the best one that ever came from a press. You are advocating what is right and just what MUST prevail in the end. Up-to-Date Farming is the friend of every true man and I will stick to it, so here is my renewal. I am proud to know that I once had the honor of shaking your hand in Okeene.—Chas. Julius, Ames, Okla.

Will Permit Producer to Price

Please communicate to our members, and other farmers who are not yet members, my opinion of the Equity System of Marketing.

I hope the farmers all over the country will rise to a full appreciation of the advantages of this system and use it. By using it, even though the perfect results that we hope for cannot be secured now, glutted markets can be avoided and much better prices obtained than was ever possible before. Also, if they will use it, it will not be long before all farm crops will be priced by the growers of them. I look upon this business system as the means of bringing our desires to full fruition.—N. M. Ashby Director F. S. E., Sebre, Ky.

It's a "Peach"

DEAR EDITOR:

Have you noticed that a certain Mr Drayton is trying again to fleece us farmers by starting a farmers equity union. Well, it simply makes me feel disgusted to read all his *"rules and by-laws"* as printed. I just can't see how men who are able to run a farm can be caught by such a scheme. Do you notice that Mr. C. O. Drayton *is after the money every time.* I enclose the article I refer to. Isn't it a "peach." I would have thought the editor of that paper was old enough and wise enough to detect the trap before he was caught in it.—Chas. Grosse, Columbia, Ill.

(Yes, we noticed the article referred to. For any man with the record of C. O. Drayton behind him to talk of Equity or profess to teach it, is one a par with the devil juggling with holy water.—Ed.)

I think the Equity System plan of marketing farm produce will be the greatest blessing that ever came to farmers when once in operation. Send me fifty copies of Sept. 1st number of Up-to-Date Farming. I will have time now to give to organizing. I think with our official paper and the literature you have prepared, there will be no difficulty in converting our people and organizing, them rapidly into local unions of the Farmers Society of Equity.—H. W. Payne, Hastings, Mich.

I am a member-at-large of the Farmers Society of Equity and have received particulars of its Equity System of marketing, and the key to its use. This system I know is all O. K. and all that we farmers have got to do now is to organize and use it. I am going to do all I can to get my Parish organized. We will not have very much to sell until next spring but we want to be ready for the next crop.—J. C. Williams, Walker, La.

Workers Ready for All Who Need Them

Although we hear every day of the country's unequaled prosperity, the Free Labor Bureau of the Bowery Mission, 227 Bowery, New York, reports that there are now in the city more idle men than ever before, many able, honest men, qualified for any sort of farm work, laborers of every description, skilled workers, and others, all wanting work yet finding none to do.

The Mission's Labor Bureau exacts no fees whatever and welcomes communications fro manyone in need of capable men for any kind of work. Its share in relieving the conditions of New York's unemployed has been very large and the manager of the bureau, Mr. J. T. Hunt, to whom letters should be addressed, is constantly hearing from employers, expressing gratitude for the men supplied and their proven worth.

Accept the Best Offer

Frequently it is reported to the Farmers Society of Equity that the local buyer advanced his offers when he learned that a shipment was about to be made to the Equity System. The object we seek is profitable prices; or the highest prices that the best markets will pay. We don't want to be understood as recommending the use of the Equity System purely to get a big volume of business, but so the grower may get more for his stuff. So we always recommend acceptance of the best offer, and preferably at home, if that is the highest market.

A case in point: Recently a local union in Michigan shipped a car of potatoes to the Equity System which netted 35 cents. On receiving returns the secretary wrote that they were offered 38 cents on the day of shipment. If we would have been consulted we would have advised acceptance and the car should have been turned over to the local shipper. At the time, we are sure there was not a market in the country that would have left the party out without a loss. So, remember, it will please the Society as much if the Equity System forces the local buyer to pay all the produce is worth, as to ship it to the final market.

No Part of Him

"Is it true that you were born in India?"

"Yes, sir."

"What part."

"All of me, of course."

$3.50 Recipe Cures Weak Kidneys, Free

Relieves Urinary and Kidney Torubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; specks before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

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Were we perfect, which we are not, medicines would not often be needed. But since our systems have become weakened, impaired and broken down through indiscretions which have gone on from the early ages, through countless generations, remedies *are* needed to aid Nature in correcting our inherited and otherwise acquired weaknesses. To reach the seat of stomach weakness and consequent digestive troubles, there is nothing so good as Dr. Pierce's Golden Medical Discovery, a glyceric compound, extracted from native medicinal roots—sold for over forty years with great satisfaction to all users. For Weak Stomach, Biliousness, Liver Complaint, Pain in the Stomach after eating, Heartburn, Bad Breath, Belching of food, Chronic Diarrhea and other Intestinal Derangements, the "Discovery" is a time-proven and most efficient remedy.

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(74)

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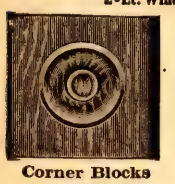
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Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | APRIL 15, 1911 | Number 8

1911		April				1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 6th	F. M. 13th	L. Quar. 21st	N. M. 28th			1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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23	24	25	26	27	28	29
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Up-to-Date Farming
PUBLISHED TWICE A MONTH

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Help! Help!! Help!!!



THE POTATO CROP OF 1910 WAS 328,000,000 BUSHELS.

We estimate that 246,000,000 bushels were marketed at an average of 28 cents to the grower. The present price will net him about 50 cents, or a loss of 22 cents a bushel on the earlier marketings—$54,120,000.

If the fact that there was not a surplus of potatoes had been known last fall, the whole crop could have been sold at **the highest price that any or it brought.**

Positive knowledge of the supply can only be obtained through organization. Here is a case then, where an organization would have been worth at least $54,000,000. And it is the same way with every farm crop.

It is too late to do much for the 1910 crops, but we appeal to farmers to prepare for the 1911 crops. Don't wait until you sink so deep in the bog of bad marketing that you can't reach a rescuing hand.

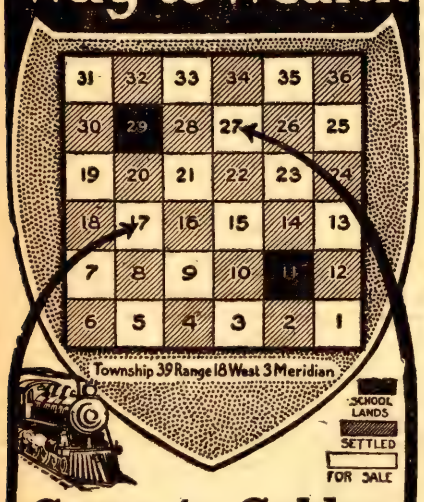
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Every one of these 160 acre home farms offered by the C. P. R. is a genuine snap—near a railway and in settled conditions. **Act quick if you want one. Here are two**

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You can do as hosts of others have done, ***make the first crop pay for the land.*** For instance: an average crop of but 25 bushels of wheat at only 80c will yield $1200 on 60 acres. Such land can now be had as low as $10 per acre. With first cash payment, $1.50 per acre down, balance on long time easy payment plan.



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INDIANAPOLIS INDIANA

Spring Has Come!

This is the Time to Get Your Flower Seeds and Spring Beauties Post Cards



I HAVE made many liberal offers to our subscribers and friends to renew and send new subscribers but I think this one surpasses all others. Read it carefully.

In the spring thoughts turn to flowers and poetry and the beautiful things in nature. Old things are then put away and the new things are put on; new clothes and new ways. Even nature puts on her fresh, new raiment.

We want to keep in tune with the spring season and now make our readers this great offer of

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Read my offer below. The flower seeds are all easy-to-grow kinds and can be planted in May. This is a rare opportunity to get 10 Packets with the most helpful farm paper printed, a richly illustrated, original, practical, monthly floral magazines; also 25 post cards just suited to the season.

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Every present subscriber is invited to embrace this offer. If paid in advance your time will be extended.

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Are you a new or old subscriber?.....

My Name .....

My Address .....

My Friend's Name .....

His Address .....

(This offer may not appear again.)

J. A. EVERITT, Editor Up-to-Date Farming, Indianapolis, Ind.

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227 WEST WASHINGTON STREET

Re-entered as a Semi-Monthly publication as second-class matter, January 20, 1908, at the Post-office at Indianapolis, Ind., under the act of Congress of March 3, 1879.

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EDITORIAL

Limit of Time for Cold Storage

THE Chicago Butter and Egg Board and the National Poultry, Butter and Egg Association are sending the following letter to heads of farmer organizations all over the United States:

You are undoubtedly aware that there is a matter pending at the present time befor our National Legislature of the utmost importance to you and to the members of your organization. We refer to the pending legislation relative to the cold storage from three to seven months of food products, in which all meat products are only permitted to be held in cold storage from three to seven months, and that dressed poultry, butter, eggs and cheese are only to be held a period of ninety days.

It is needless to dwell upon the disastrous effects this would have upon the products produced by the members of your organization. Suffice to say that it would be in the main destructive to their business in that it would result in their products being a drug upon the market during the period of greatest production, and a price so high during the period of non-production as to make them impossible to the average consumer, and would drive them to the consumption of substitutes.

We believe that this pending legislation has greater interest and is of more importance to your members as producers than to any other person. The dealer or the cold storage warehouse man can adjust his business to conform to any kind of legislation that might be enforced upon him, but to your members as producers they can not do this.

The chief mission of the cold storage warehouse is to carry goods from the season of greatest production to the season of light or non-production, thereby equalizing the price and best serving the public. Therefore it would seem but just and right that the producers of these products should be accorded the privilege of carrying their products from season to season, the same as is now being done by grain elevators.

While we are not adverse and in fact favor legislation whereby the public health would be protected, or the consumer protected from imposition or fraudulent practices, we fail to see wherein any protection is given to the consumer, while it imposes conditions to the serious detriment of the producer.

The Farmers Society of Equity contends that the control of farm crops should remain in the hands of the producers until the demand of consumption calls for them. This will be possible when the producers are organized in local unions, for then marketing will be done in large quantities, and direct to the large markets, instead of in dribs to the local buyer. Then, when the price is not up to the price demanded, because of a temporary surplus, the extra quantity will be stored at home, or sent to the great storehouses in the cities and stored as the property of the producer or local or county union. There is not a crop produced but what can be handled in this way and as the producer is always interested in large markets as well as profitable prices, the evil of extortion, as is so common when the storers are greedy speculators, will be removed.

We do not approve of the proposition to regulate and limit storage to any arbitrary period, less than one year. In the first place, we believe stored commodities will not deteriorate much, if any more, in twelve months, than they will in three to seven months, although we do not claim to be an authority on that point. But when we consider what should be the real purpose of storage, which is clearly stated in the fourth quoted paragraph above, it is clear that the purpose would often be defeated. We have heretofore said that if the producers were sufficiently organized in the Farmers Society of Equity and were doing business on its plans, it would be possible to maintain a steady price for a certain commodity, and for nearly all farm crops, year after year. To illustrate: There will be seasons of heavy production and seasons of light production, as the weather varies. Of course, without system in storing and marketing the years of big crops see low prices and vice versa. But if the farmers were storing their own crops, the surpluses in the good seasons would be held over to come out and re-inforce the poor seasons. In that way all the grains, hay, broom corn, tobacco, meat, butter, eggs, poultry and some other crops could sell at the same price without fluctuating a cent, year after year, until conditions changed generally and suggested a lower or higher level. Some fruit and some vegetables would be exceptions, but even these would be maintained at equitable prices and free from great fluctuations if the Equity System was in operation.

It is entirely unnecessary to go into any further argument of the advantages of this plan.

American Farming Losing Prestige

THE same incentive that prompts the idle crowd to yell for the fellow that is carrying the load induces the press and the non-productive public to pat the farmer on the back and shout his praises. But in spite of these empty praises and unmeaning noises, the American farmer is losing prestige. This is easily seen by those who care to look with eyes at all open, in the almost universal discrimination against farmers in law enactment and law enforcement, in conferred privileges and special opportunities; in business plans and financial upbuilding. In these things the farmers come in for but a small share of consideration. Laws are enacted loudly heralded as of benefit to the farmer, but when those laws are spread upon the books and go into operation, it is found that the richest part of the cake goes on some other fellow's plate.

Public money, principally the farmers' own money, is spent for schools and bulletins, but the schools simply play at farming, waste both time and money, and "the more you have the more you've got," ignoring the fact that too much may become a burden and impoverish the producer rather than enrich him. In this the safety of the farmer consists in the inefficiency of the instruction—the increase in acerage production is imperceptible. The bulletins, magnificent works of art, and costly, containing good things sometimes, are but the recital of "expert" experimentation, usually couched in language as incomprehensible to the average working farmer as the Odyssy or Illiad, the experts themselves having had about as much experience on the farms that actually feed the world as have had the fishermen of Newfoundland or the herders of Australia.

Do not misunderstand us. We would not belittle this work, nor would we ignore the good it may do; but it begins at the wrong end, pursues a doubtful course, arrives at questionable results, and leaves the actual farmer just about where he was before. The farmers themselves know this is true, but the experts will never believe it, nor will those in high places in reach of public expenditures ever admit it.

In addition to this, the fact that everything farmers must buy, the implements of their business and the tools of their trade, things necessary to their comfort and the welfare of their families, are all controlled by combinations of wealth and power that exact prices not determined by cost and fair profits, but whose only measure is greed; while the things the farmer sells are bulked in a few congested centers and practically taken at the dictum of those who buy to sell again, and whose profits are augmented by the lowness of price, greed against the farmer again being the ruling factor.

The effect of all these things and the proof of our contention is seen in our loss of standing as an exporting nation as shown in other articles in this paper. Heretofore our exports have kept the balance of trade in our favor, and the farmers have brought back to this country what reckless wealth has squandered abroad. Change this, as it seems to be so rapidly changing, and turn the flow of foreign money to Russia and other distant nations instead of to the United States, and the changed financial condition of this country can not be otherwise than deplorable.

But the ruling class in this country wilfully close their eyes to these conditions, and instead of fostering our greatest source of wealth, yield to the blandishments and persuasive "means" of other classes, while the hope of our future and the foundation of our prosperity crumbles beneath their feet.

As we have so many times done, we must appeal in this emergency to the farmers themselves. The duties that await them in the fields are important, but duties that require both thought and action outside the fields are just as important. Agriculture must be sustained and maintained, and it will take more than "expert" bulletins and increase-production trains to do it. Farmers must be taught how to market, and when, and where, and our national authorities must be compelled by farmer votes and influence to regard and protest our interests abroad. While speculation is developing the broad acres of Canada and the unknown fields of Russia, the authorities of the United States owe it to the real farmers of this country, those who have paid the nation's debts and maintained its credit abroad, to protect them in their markets and insure to them profitable prices, as well as to spend millions to induce them to grow more, while other interests are absorbing their markets and destroying their prices.

How important it is that farmers organize, and that these conditions be made to pivot around which all organized efforts revolve! Once more we urge it. Study our plans, and help us in the work. We know we are right, but it takes a united effort to accomplish the purpose.

Pennsylvania Railroad and Agriculture

WE ARE pleased at every indication of friendly and helpful co-operation between the transportation companies and the farmers. In this kind of co-operation we are satisfied many of the railroads are sincere, seeing in such co-operation their own interests, of course, and we trust farmers will meet them more than half way. The Pennsylvania railroad was the first eastern railroad to undertake not only the encouragement but the actual teaching of scientific farming. Educational trains have been sent by this company all over the state of Pennsylvania, and valuable and instructive pamphlets have been issued. Good country roads and their construction and maintenance has been a subject of earnest discussion, and such instruction and demonstrations have been given before not less than 50,000 farmers.

In the latest pamphlet issued by the company we find the following:

"The Pennsylvania Railroad Company has an active interest in the welfare and prosperity of the territory contiguous to its lines. This interest is natural, and is not entirely unselfish. Increased production means larger railroad tonnage, and every effort made by the railroad in this direction is co-operative—the producer and shipper share with it the benefits derived."

The above is only partly true; or, rather, it is only part of the truth. The true interest of the railroad is in the financial prosperity of the farmer. When the farmer is financially prosperous, he is a buyer as well as a seller, and furnishes the railroad company a load to him as well as from him. If the railroad companies would serve their full interest they must keep in mind that heavy production does not always bring prosperity to the farm. Glutted markets ruin prices, and when prices are ruined farmers can not be financially prosperous no matter how heavy their yields or great their crops. These conditions may bring "larger railroad tonnage," but they can scarcely provide loads of freight both ways, for farmers without money are not buyers.

If the railroads would realize that price is the farmers' real element of wealth, and that price is lost in the dumping of the surplus on glutted central markets, they could then see more clearly their real interest in getting the shipments to points of demand where prices are always buoyant, and whence the profits go to the farmers that stimulate outward shipments of freight rather than to groups of speculators that seldom buy things for their own use that must be brought them by the railroads. These direct shipments can not reduce the freight business of the railroads, as the same products must be carried, not so far at a time perhaps, but they must be more widely distributed, and since the profits go to the double patrons of the roads there can be no question as to where the interest of the transportation companies lies.

Hence, if the railroads would accomplish what they really desire to accomplish, they should teach marketing, as well as production.

Farmers Beginning at the Wrong End

THE following quoted paragraph we take from a letter recently received from an old time friend and valued associate in farm organization work:

"Reading Up-to-Date Farming, I can not help thinking of the stirring times we had when the Farmers' Alliance and the Farmers' Mutual Benefit Association were so strong and active. Good and able men were at the head of those organizations, important lessons were taught, and a new interest was awakened in the business side of farming. But we began at the wrong end. We tried to regulate the other fellow's business instead of our own, and thus made all the world besides ourselves our enemies, or, at least, our opponents. If, at that time, we had had the Equity System with fairness to all, and our main object the control of our own business, including production, marketing and price, without antagonizing other classes, agriculture might have been today on an entirely different basis."

We fully realize the truth of what our friend says. Early efforts at farm organization were truly on a wrong basis. It was so universal a rule for others to make the price for farm products that no other way was even considered, and the farmers thought their only hope for profits was in saving through a reduction of other prices, and that reduction they sought to force by the power of their organization. This mistake is not confined to the Alliance and the F. M. B. A. That oldest of farm organizations, the Grange, committed the same error. True, the principal feature of the Grange was an educational and social one, but whenever gains were sought in a financial way, it was in buying and not in selling. The business end of farming was never once considered, nor is it yet in that organization. The theory seems to be "We will accept whatever price you offer for our stuff, but you must reduce the price you charge us for what we buy." Does not any one know that, if the plan were made successful at all, the price paid farmers would be reduced to more than offset the reduction of the price for other things?

We regret to say that the present Farmers' Union is following directly in the footsteps of its predecessor, the Alliance. That organization originated in the South and became strong there. It then slowly made its way northward, but developed no great degree of power. Precisely so is it with the Union. The idea of controlling buying prices seems to be its dominant one. As a result of the past few years of Equity agitation, mention is sometimes made of farm product prices, but we note that more attention is directed to the appointment of buying agents than of selling agents.

The truth is, the farmers' business is with their own stuff. Everybody has a right to control his own property, and the farmer's products are his own. He may sell or he may not, the same as may the owner of any other property, and when he sells he must be induced to do so by the offer or acceptance of a satisfactory price. All but accidental human gains are the result of human labor, and, since farm products are the result of the farmer's labor, if he have any gains at all they must be in those products, and that depends altogether on the price. The price, therefore, is the financial essence of the farmer's business, and that is the thing most important to control. If farmers could be induced to take this view, and to organize with this as the dominant purpose, the problem of farm life and farm independence would very soon be solved.

Storage People Learn a Lesson

AT A MEETING not long ago of the Missouri Carlot Egg and Poultry Shippers, Mr. H. A. Emerson, of Chicago, president of the United States Packing Company, is reported to have said there were at that time 50,000,000 pounds of butter in cold storage, left over from 1910, which, if placed on the market would mean a loss of $6,000,000 to the trade. A loss of $4,000,000 has already been accepted, he said, on what has been sold. That was a loss in addition to the six million pending loss, and leaves the trade ten million dollars poorer than they were before they took on their load of butter.

While this tremendous amount of butter was being stored, the supply that had been provided for the needs of the people, was withheld from the market and the consumers had to do without or use oleomargarine. The mistake the storers made was in holding off the market and storing two much. Had they marketed to meet the demand at a reasonable price and stored only the surplus, instead of sustaining the reported loss, they could have made fair profits all the time.

Mr. Emerson is reported to have declared also that never before in the memory of the oldest shipper of carload lots from the west to the great centers of population in the east, has there been such a condition as now exists in the butter, egg and poultry market. In the mad rush to store these goods, the price was run extremely high. Eggs were stored on a basis of not less than 22 cents. It was a poor business proposition, said Mr. Emerson, but about 80 per cent of the stored eggs were let out before the crash came, yet the loss on eggs would not be less than $2,500,000. The eggs, however, are now all cleaned up, he said, and the rooms are cleaned and whitewashed, ready for the new season. If that is true, better prices will likely prevail for eggs than we previously predicted, but the price will not be so high as was paid a year ago.

Rotten Eggs and---Other Things

THERE have been several instances of the seizure of bad eggs in transit from the seller to the purchaser, and their confiscation by the national authorities. One case of this kind growing out of the seizure of a large quantity of bad eggs in transit from St. Louis, Mo., to Peoria, Ill., was taken to the Supreme Court of the United States, where a decision was rendered in favor of the authorities, and fully justifying the seizure and confiscation of the bad eggs. Justice McKenna, in rendering the decision, said:

"The power of confiscation is certainly appropriate to the right to bar them (bad eggs) from interstate commerce and complete the purpose, which is not to prevent merely the physical movement of adulterated articles, but the use of them, or rather, to prevent trade in them between the states by denying to them the facilities of interstate commerce. All articles compound or single, not intended for consumption by the producer, are designed for sale, and because they are it is the concern of the law to have them pure."

Now, these bad eggs were seized and destroyed by the authorities of the government because their use would be harmful to the people, and the public can not but approve the decision sustaining it, and thank the Supreme Court for having rendered it. But there are other articles as harmful as bad eggs, and that the people of localities, and even states, have declared by majority vote, that they will not have within their borders, but that are shipped therein with impunity, and such shipments are upheld by the government. We refer to intoxicating liquors. If the shipment of rotten eggs from one state to another can be prohibited, and such shipments confiscated and destroyed for the protection of the people, like shipments of intoxicating liquors may certainly be prohibited on precisely the same grounds, particularly where the people themselves have declared against such articles because of their harmful nature. But there is not the financial and political power behind rotten eggs that there is behind intoxicating liquors.

The Hope of the Farm

THERE must be more farmers in this country. Farm labor was never so scarce before. We know localities where there are not workers enough to tend the ground that is in cultivation, and yet better prices are offered than ever before prevailed. Why this scarcity of farm labor? Other occupations have become more attractive. Those in other business know, practically, what their reward is to be; the farmer does not. With him it is a guess—a jumble of uncertainties. Sometimes he receives a dollar a bushel for wheat, sometimes seventy-five cents; he never knows till he gets to the market. Sometimes he is offered thirty cents for corn, sometimes he is eagerly given sixty-five cents, or more. Sometimes he gets seventy-five cents or one dollar a bushel for potatoes, at other times he can get no more than twenty cents. We mention only these few products. It is so with all. There is no certainty of price on the farm.

In vain the farmer exerts himself to produce more stuff. He may succeed, and so may his neighbor, and that man's neighbor, and other neighbors. There is more than usual produced, and down goes the price. He may have two loads to haul away instead of one, but he may bring back less money. The boy and the girl may love the farm; they may delight in the work, and rejoice to see the crops grow, but it does not take them long to understand that life is something real, and nobody likes uncertainty. Hence, early in life they begin to look for something sure; some place where faithful service will bring certain reward. They find it in other callings, and they go there.

The hope of the farm is in steady prices and certain reward. This can be had, but it must come of different teaching and different practice. There must be business in farming as well as labor. Products must find the most direct and surest market. The return in cash must be equitable and remunerative, and it must be a sum to be depended upon.

Yes, it can be secured. Knock out the schemes of speculation. Teach farmers how to market as well as how to produce. Instruct them as to the demand and where it is as well as how this crop is growing and that. Let the Department of Agriculture be a promotor of business on the farm rather than a panderer to speculative trade. Secure stability of prices and certainty of reward rather than a wild dance for this new plant or that, this new theory or that, the investigation of this germ or that. Give us practical business in farming, with an assurance of dependable reward, and the boys and girls will stay on the farm, and supply the painful vacancy now observed in farm labor.

America Takes a Back Seat

THE Canadian reciprocity discussion has set people to thinking if it has done no more, and it has brought out some important, if not startling, facts. For instance, the wonderful development of wheat production in Russia is a thing unprecedented in agriculture. From being first in the exportation of wheat to European countries, America takes the second place, and Russia suddenly steps to the front. That country has exported more than 150,000,000 bushels of wheat to western Europe since July 1, 1910. Two years ago her exports were less than 50,000,000 bushels. A jump in two years to three times that, is more than a warning to all other wheat exporting countries. The following table gives the exports of the various countries up to February 17, of this export year, and for the preceding year, the first column being for the present year from July 1, 1910 to February 17, 1911, the second column from July 1, 1909 to July 1, 1910:

America	82,808,000	110,518,000
Russia	148,824,000	148,208,000
Danubian	70,509,000	30,584,000
India	30,172,000	20,788,000
Argentine	28,642,000	22,936,400
Australasia	29,618,000	23,232,000
Austra-Hungary	512,000	.....
Chili, North Africa	6,000,000	5,480,000
Totals	407,534,000	361,756,000

It will be noted that America does not mean the United States alone, but the United States and Canada, and Russia beats them both—beats all of North America. The Danubian provinces come in with a close third and a gain of more than a hundred per cent. In fact, every country but America has exported more wheat during the present fraction of a year than during the entire preceding year. This means that the farmers of the United States are losing their prestige as wheat growers, and that very soon they may have nothing but the home market; and will be competed with in this home market by the rapidly developing fields of Canada. This ought to enable the most ignorant person to realize what the United States wheat grower is up against. All we can suggest is more earnest and faithful cooperation.

Prof. Bailey's License System

IN HIS great speech before the National Corn congress, at Columbus, Ohio, Prof. Bailey, of Cornell University, is reported to have said:

I would not have the government go into the middlemen business, but I would have the government protect the people. We are already beginning to license middlemen. If it is proper for government to license them, it is also proper for government to exercise some control over them. Any organization or any business that exercises a distinctly public function must in some way be responsible to public regulation.

We have great respect for Prof. Bailey and any opinions he may entertain, but we are opposed to any license system. It can not control evils, nor can it make anything that is wrong right. Indeed, paying a license is simply buying the privilege to do what is wrong; and if it is wrong before it is paid for it can not be right afterwards. A purchased license never lessens evil. It may keep many from doing the evil, and thus diminish the apparent quantity, but in effect it is turning the evil over to the few who may be able to buy the right to do it, and the licensing power that sold the right must protect the purchaser in what he bought. Thus, instead of preventing the wrong, it perpetuates it. Besides, any license system is a discrimination in favor of the few against the many; it allows the few to do what the many are forbidden to do.

But we are sure Prof. Bailey did not have in mind any such license system. He was simply seeking a means of preventing the abuses that have grown up in our commercial system, especially that part of it which includes trading in farm products that go to make up the necessaries of life. The buying of those products from the farmers at a low price and selling them to the consumers at an exorbitantly high price appeals to his broad minded sense of justice as being wrong, an evil which affects everybody, the farmers who produce the stuff and the eaters who consume it. But no license system can be devised that will cure that evil. As we argue in another article in this paper, the simple remedies in selling to meet the demand instead of dumping to get rid of the stuff, and shipping to places where the goods are needed instead of piling them up in congested centers. This is merely the Equity System.

OLD SOCIETY'S OFFICERS ABANDON CORPORATION

(Prepared for Up-to-Date Farming, March 20, 1911.)

IT IS not a secret from any of our readers that the organizing and co-operating movement of farmers, as represented by this paper and the Farmers Society of Equity, started in 1902 in the name of the American Society of Equity of North America. Also most of them know that under the direction of its founder, Mr. J. A. EVERITT, editor of this paper and president of the Farmers Society of Equity, the first Society grew to be powerful by 1907.

We believe we can justly claim that that Society, in its first five years of existence, gave more financial benefits to farmers than all other organizations, by or for farmers, ever gave combined. The only way to account for the splendid prices for farm crops beginning in 1903 and '04 and continuing down to 1909 is through greater control of crops and wiser marketing, the result of the teachings and organization of the American Society of Equity. One thing can not be disputed, the splendid prices and farmers' great prosperity dated from the time that that organized effort at marketing crops began to have its effect and ended with the disruption of the Society. Previous to the former time, and following the latter event the prices for nearly all farm crops were and have been unprofitably low.

Also we have frequently referred to the conspiracy of 1907 which we may say, kidnapped the original Society and carried it off into new paths. Then the plans were changed and new objects sought. From the day of the which process continued until in two beginning of the 1907 convention the great Society began to disintegrate, years all the parts of the wonderful machine of co-operative marketing were disassembled and its effect on marketing, and to influence prices, was lost.

But our purpose now is to record what seems to be the final act in the drama that may be named "The Rise and Fall of the American Society of Equity," and which marked a unique era in American agriculture. From an official statement in the Co-Operators Guide we learn that the officers of the old Society have, at last, abandoned the old Indiana corporation and "moved and reincorporated" in another state. The printed statement does not give the name of the new corporation.

With the passing of the old organization the last hope of many honest, but deluded members, that some way would be evolved to restore the old Society, must pass away too. Also, those who have hoped for three years that the two Societies would get together can now see that that is unnecessary. Both of these classes should see now that the only thing that remains for them to do. If they want to realize the objects of the original Society is to connect with the Farmers Society of Equity, as the Society they originally joined, which it is in fact, as relates to the principles and objects, and plans to accomplish them.

The Farmers Society of Equity seeks your support. Let as many old members as want to return to the former good times send their membership and we will soon have a reunited Society in fact. Then when the next national convention meets at Indianapolis next October 27th, we can again make our demands for fair and profitable prices and be in a position to enforce such demands.

NEED NOT SELL UNTIL THEY WISH TO

FARMERS are not compelled to sell at harvest time as they once were. The money held as deposits in country banks is unprecedentedly large in amount, so the comptroller of the currency reports, and a heavy percentage of the local deposits are made by farmers. This induces the Mail Order Jurnal to conclude that the fact that the grain reserves on the farms are at present larger than ever shows that farmers as we say above, do not have to sell their products when the prices do not suit them, for they are amply provided with ready money, and are not pressed by the needs of local business as was the case not very long ago.

We are inclined to think the reports of local deposits are greatly exaggerated, not with the purpose of being untruthful, but because they necessarily include frequent redeposits of the same money; nor do these deposits belong to the average farmer as the figures indicate. But we agree that farmers are not in the straightened circumstances they once were. Farm mortgages are the exception now instead of the rule, and it is seldom farmers have to sell their surplus stuff to meet prior obligations. Still it is not the time of selling so much as the manner of selling that affects the farmers' interests. The practice of dumping the surplus on a shippers' market to be rushed to a glutted market in the congested centers is what hurts. We do not care when farmers sell provided they sell right and at reasonably remunerative prices.



FIVE ROSE BUSHES FREE

Transform your home surroundings into a beautiful garden with the loveliest flowers ever created. These are all roses of rare merit. Each plant is different, but all possessing every attribute to make a perfect rose including entire hardiness. They are vigorous, healthy, one-year plants, quickly forming shapely bushes, giving a fine display of bloom. Each collection is accompanied with special printed instructions how to plant and care for roses.

BLACK ROSE

This marks the highest attainment of the hybridizers' skill and for grace, form and magnificent color, it is supreme in its beauty. The large beautiful flowers look as if cut from the heaviest rich velvet, shading from deepest maroon red to blackest crimson. They are produced in successive crops the entire growing season.

WHITE—KILLARNEY

The wonderful new "Irish Beauty" is carrying off every prize when exhibited and setting everyone to raving over its surpassing beauty and elegance. In habit of growth it is robust and free branching, having an abundance of rich green foliage. The buds are exquisitely long and pointed, unfolding broad wax-like petals into enormous semi-full flowers of pure snow white, which retain their freshness of form and purity of color for an extensive time.

YELLOW—MD. PHILIP REVOIRE

One of the most delightful roses, a color to catch the eye at once, deep apricot yellow, touched carmine. A strong, rampant grower. The fine habit, good constitution and continuous blooming qualities stamp this as a rose of great value, being planted in great numbers by those knowing its merits. One of the showiest roses extant, the open flowers large and semi-double, possessing a delicate apricot fragrance.

RED—RHEA REID

A wonderful new introduction possessing every quality a perfect rose should have. It is a strong healthy grower. Handsome double flowers, which are produced in the greatest profusion all through the growing season and which retain their freshness and beauty for an extensive time. The color is a brilliant, rich red, one of the richest reds in existence, and the fragrance is delicious.

DOROTHY PERKINS (Climbing)

This rose is a most valuable acquisition to the list of hardy climbing varieties. It is perfectly hardy and a rapid, vigorous grower. The rich, deep-green foliage is extraordinarily beautiful. It is extremely free in bloom, producing flowers in immense clusters, each rose being perfect in form and size. The color is an exquisite shade of clear shell-pink, deepening to a darker shade near the center.

MY OFFER Send 30 cents and I will send Up-to-Date Farming one year and all five of the rose bushes. In clubs of four or more 25 cents each with the collection of roses to each.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Ind.

System and Cost of Marketing

The Old and the New Systems of Marketing Farm Crops Compared

By J. A. EVERITT

UNDER THIS head we will print a series of articles which will cover the whole subject of marketing all kinds of farm crops. The article will be particularly valuable as contrasting the enormous cost incurred through the old system, and the uncertainty and lack of definite results, with the economy and the certainty and uniformity of results through the new Equity System.

We will probably not present much that we have not printed in this paper before, but we will now cover the whole subject in a connected way. Also after the article is printed in the paper it will be published in book form and sold at a price equal to, or more than the subscription price of this paper, which is 25 cents a year.

One of our objects in publishing this article now is to help the educational and organizing campaign to establish the new system. We hope to awaken the whole country to the badness of the old system and convince it of the goodness and equity of the new. To this end we seek a rapid growth in our subscription list and we appeal to every present subscriber to send the names of as many of his neighbors and acquaintances as he can possibly see; or pay for their subscriptions from his own purse. We expect the article to run in six issues, three months. Therefore, we seek three months' trial subscriptions and will accept them at 10 cents each.

We wish each present subscriber would send a club of five for 50 cents, or ten for $1.00, using the coupon below.

In the 1909 Year Book of the Department of Agriculture we found an article, "Methods and Costs of Marketing," by Frank Andrews, Scientific Assistant, Division of Production and Distribution, Bureau of Statistics. Mr. Andrew's article deals only with the old system, without any suggestions for improvement, and we will print it in connection with ours, because of its high source and the prominence given it.

Mr. Andrews' introduction to his article is as follows:

The difference between the amount received for a given product by the farmer and the price paid by the consumer is relatively much greater in some cases than in others. These variations in the expense of distribution are due partly to differences in the number of middlemen intervening between producer and consumer. For some products the trade is so well organized that few intermediate sales are made and the ultimate purchaser is but a step or two removed from the farmer. While for other products the course of distribution is long and costly. The various methods and cost of marketing are illustrated by instances reported to this Department by a large number of farmers and dealers throughout the country, and these illustrations form the basis of this article.

Mr. Andrews' article was divided under the following heads:

EXPENSE OF DISTRIBUTION.—Transportation. Commissions for Selling. A Few Summaries of Expense. The Use of Capital.

FINDING A MARKET.—Selling in Transit. Division of Shipments. Market Places.

DIFFERENT CLASSES OF MIDDLEMEN.—Traveling Buyers. General Merchants. Local Buyers of Special Products. Commission Dealers. Exporters.

STEPS IN THE MOVEMENT FROM PRODUCER TO CONSUMER.—Direct Sales Without Aid of Middlemen. Transfers Through One Middleman. Marketing Through Two Middlemen. Transactions Involving Three or More Middlemen. Terms of Sale.

CO-OPERATIVE SELLING ASSOCIATIONS.

All of these subjects will be included in our article and others will be introduced. Also, as we proceed, it will be evident that the new system can easily be substituted for the old without disturbing any necessary established business, but with benefit to producers, handlers and consumers.

The first installment will be printed in our May 1 number.

Send a club and the coupon below and educate your neighbors on this MOST VITAL SUBJECT.

COUPON

UP-TO-DATE FARMING,
Indianapolis, Ind.

Enclosed is $..... for which send your paper three months (covering the time when the article, "System and Cost of Marketing" will be printed), to the list of subscribers I enclose. (Three months for 10 cents.)

My Name .....

My Address .....

Did you collect this money from the subscribers or is it your own money?.....

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the present term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$6 00@7 00
HOGS—At Chicago, per cwt. ..$6 00@7 00
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

Western Receipts of Grain

	April 8	A Yr. Ago
Wheat	229,000	429,000
Corn	296,000	426,000
Oats	266,000	367,000

Advice

Hold wheat, corn, oats, beans and broom corn. Market all the hay, potatoes, cabbage, hogs, cattle, barley and cotton you can as long as minimum prices or better will be paid. Stop if the price goes below the minimum.

FOR SIX months the table of "Minimum Prices for 1910 Crops," has appeared at the head of this column. When it was placed there not a crop with the exception of barley, hogs and cattle was selling at the recommended prices. In the cases of cabbage and potatoes the prices ruled very low until a few weeks ago, and



it is a matter of great regret that the great bulk of the crops were marketed at the low prices, which hardly paid the cost of producing. Now, however, barley, hay, potatoes cabbage and cotten sell at or beyond the minimum. As has been the rule in the past, those who held have profited thereby. But this rule has exceptions and we want our subscribers to always understand that we do not print the minimum prices with any kind of a guarantee that they will be paid. However, if farmers were organized, then it would be possible to get a correct report of the amount of each crop produced, and if it were known that a real surplus was not produced, we could positively guarantee the prices to be reached before the next crop was harvested.

It is impossible to predict the future prices of wheat, corn and oats. If the reciprocity proposition is killed in April or May, and if the crop prospect for wheat is only an average one, we believe the old crop will sell well over the dollar mark. If the agreement is killed and if the crop prospects are a shade off of an average, wheat can easily sell up to $1.20 before the new crop comes. Corn and oats are not so much affected by the Canadian agreement and we expect both of them to sell higher, particularly corn.

All United States grain visibles decreased in the past two weeks, compared with increases for the same period, a year before. Contrary to the behavior in this country, wheat and oats in Canada increased. Price of wheat declined 1 to 4 cents in the various markets; corn advanced 2 to 2½ cents and oats 1 to 2 cents in some markets, while others show nearly an equal decline. Potatoes and cabbage have recorded the greatest change the former being about 15 cents higher than two weeks before and the latter $10 to $15 a ton higher. Reports are that more than the usual amount of beans are being held by elevator interests. They are undoubtedly being held for profit, therefore, we may reasonably expect the recent advance to be maintained.

As we predicted, hogs and cattle prices are going down to meet the price of corn. The only way to stop the decline is to send the price of corn up to the minimum and maintain it there. There is not a surplus of corn and as much will be consumed at 65 cents as at 50 cents. Remember potatoes.

Condition of winter wheat and grass are very uniformly good. Good weather in March permitted most of the oats to be sown earlier than usual and considerable ground was broken for corn and other spring crops, so, notwithstanding the stormy period the first days of April, spring work is forward. Fruit prospects generally good.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports on April 1, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	March 18 1911 Bushels	Change from 2 wks. before Bushels	Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
WHEAT	40,897,000	—3,206,000	X 5,522,000	—1,836,000	X 1,209,000
CORN	20,715,000	— 276,000	—3,733,000	X 7,832,000	X 443,000
OATS	18,032,000	—1,820,000	X 3,193,000	X 3,451,000	— 199,000
BARLEY	1,669,000	— 126,000	—3,005,000	—3,269,000	— 175,000

The visible supplies of grain in Canada on the same date were as follows:

Wheat 23,052,000 bushels; this is a gain of 1,420,000 bushels in two weeks. Oats, 6,889,000 bushels; this is a gain of 288,000 bushels in two weeks.

VISIBLE SUPPLY OF COTTON

The aggregate world's supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Mar. 31 1911	Mar. 24, 1911	April 1. 1910
American	3,098,580	3,159,906	2,863,237
Other kinds	1,132,000	1,149,000	1,299,000
Total	4,230,580	4,308,906	4,162,237

The total visible decreased 257,292 bales in two weeks.

PRICE—New York, April 9—Cash cotton, middling uplands, 14.75c; middling gulf, 15.00c.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on April 8, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

	April 8	2 Wks. before	A Yr. before
Chicago	87½@88½	88½@89½	$1.19
St. Louis	87½	90 @93½	1.17½
Kan. City	86 @87	89 @90	1.19
Cincinnati	.86 @89	90 @92	1.20
New York			1.22

MINNEAPOLIS—Spring wheat, No. 1, hard, 99⅝c; No. 1, Northern, 95@96⅛c. Two weeks before, 97c and 93@94½, respectively. A year before, $1.12@1.13 and $1.09@1.11, respectively.

CORN, No. 2, WHITE

Chicago	48½@48¾	46 @46½	57½
St. Louis	47½	46¾@47	64
Kan. City	46 @46½	44	59
Cincinnati	48½@49½	48 @48½	58½
New York			62¼

OATS, No. 2, WHITE

Chicago	32½@33	30¾@31	44
St. Louis	33	32	44½
Kan. City	31 @32½	31 @32	46
Cincinnati	31½@32	32½@33	43½
New York			48

Future Grain Prices

Chicago grain futures closed April 8, and two weeks before, as follows:

WHEAT—May, 87c; July, 85⅝c; September, 85½c. Two weeks before, 88⅝c, 88¼c and 88⅜c, respectively.

CORN—May, 48¾c; July, 49⅞c; September, 51c. Two weeks before, 47⅜c, 49⅜c and 50¾c, respectively.

OATS—May, 31c; July, 31c; September, 31c. Two weeks before, 30⅜c, 30⅝c and 30½c, respectively.

Chicago Produce Market

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market.

POTATOES—Arrivals by cars, with comparisons, follow:

	This Week.	Last Week.	Last Year.
Monday	52	97	44
Tuesday	65	90	35
Wednesday	28	33	23
Thursday	47	31	26
Friday	70	45	40
Saturday	63	31	39
Total, 6 days	325	327	207

Offerings were light and there was only a limited demand. The trade was holding off until Monday, and receivers were not offering their stock very freely. Values ruled steady. There were good receipts.

Sales reported were: 1 car Wisconsin, ordinary, at 58c; 1 car Michigan, fancy, at 65c.

The market was quotable as follows:

Per bu., Michigan, round, white common	$ 53@ 56
Fair to choice	58@ 62
Fancy to extra fancy, sacked	63@ 65
Wisconsin, common	52@ 55
Fair to good	56@ 59
Choice	60@ 62
Fancy to extra fancy Dusty Rurals	63@ 65

NEW POTATOES—Are quoted steady. There is a very fair inquiry for fancy stock. Present offerings are only moderate.

Barrels, Bermuda, No. 1	$7 00@....
Florida, red, depending on size	7 00@....
White	6 75@7 00
No. 2	5 00@5 50
Hampers, Florida, red	....@2 50

The price of old potatoes is about 15 cents a bushel higher than two weeks before. New potatoes, Bermuda, 50 cents a barrel higher; Florida, about the same as two weeks before.

HAY—Scarce and firm. Demand good for all descriptions.

Choice Timothy Hay	$19 00@20 00
No. 1 Timothy	17 50@18 50
No. 2 Timothy	15 00@16 00
No. 3 Timothy	13 00@14 00
Kansas and Oklahoma Prairie, choice	15 00@15 50

Timothy hay is $1@1.50 higher than two weeks before; Prairie hay unchanged.

BROOM CORN—Steady when of good quality. There is a moderate trade. Common grades continue as before—dull, slow sale and easy.

Illinois corn, per ton	$ 80 00@100 00
Some poor, damaged, less.	
Oklahoma, per ton	70 00@ 90. 00
Poor, badly damaged and stemmy no regular value.	

The price is the same as two weeks before but we believe there is a greater disposition to buy than has been manifested heretofore.

BEANS—There was a further advance in prices for white Beans the past week. For a couple of weeks prices have been advancing. It has been due to small stocks and very light arrivals. Demand in the meantime has continued in a very moderate way, so there was no activity. The rest of the market has remained dull and very quiet. The season for Red Kidney and Brown Swedish Beans is over. Prices at the close were as follows:

Pea Beans—	
Hand-picked, choice	$2 05@2 10
Good but not strictly hand-picked	1 95@2 00
Bediums nominally about same as Pea Beans.	
Red Kidneys, depending on quality	2 75@3 00
Brown Swedish	2 00@2 50

The price is about 17c a bushel higher on Pea Beans; Red Kidneys the same and Brown Swedish 25@50c lower than two weeks ago.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows

	This Week Cases	Last Week Cases	Last Year Cases
Monday	20,605	18,006	32,925
Tuesday	35,666	24,808	41,613
Wedn'sd'y	20,251	23,288	27,653
Thursday	21,180	13,167	30,588
Friday	19,412	13,538	32,533
Saturday	17,837	23,004	32,606
Total	134,951	145,791	197,918

Receipts, April 1, 1911, to April 8, 1911, 157,955 cases.
Receipts, April, 1, 1910 to April 9, 1910, 252,698 cases.
Receipts, April 1, 1909, to April 10, 1909, 178,984 cases.

There is a firm feeling in this market. Trade is very good and receivers are finding ready sale for their goods. Consumption is large, and a great many Eggs are being taken on local and on outside order account, and with the more settled feeling in the market buyers are not afraid to buy ahead of their immediate wants, and besides this demand a good inquiry also exists from parties buying for storage purposes, a good many Eggs going into storage daily.

The following quotations were established by the Butter and Egg Board today:

Miscellaneous lots, cases returned, 13@13½c, depending on quality.
Ordinary Firsts quotable at 14c.
"Firsts" quotably 15c a dozen.
"Prime Firsts" quoted at 15½c.
Checks or Seconds quotably 11c.
Dirties quotably 13c per dozen.
The price is 1 cent higher than two weeks before.

Proof of Farm Independence

Now that the farmer's vital relation to the prosperity of the country is pretty well understood by others than Wall street men, advertisers and business men are generally becoming more accustomed to studying crop prospects, farm statistics, etc.

The government corn report just issued (March), shows that 180,000,000 bushels of wheat, or twenty-five per cent of the 1910 crop is still on the farms. In other words farmers have held back one-fourth of their wheat for satisfactory prices. Forty per cent of the 1910 corn is still on the farms. In both the case of wheat and corn, more grain is retained on farms this year than last year at this time. This indicates a rather more independent position even than last year among farmers, in that they have capital to hold on to their crops for the best prices. The proportion of the total 1910 crop which is merchantable is 86.4 per cent against 82.6 per cent of the 1909 crop and 83.6 per cent of the ten-year average. This seems to prove that farmers are at this moment in a more independent position than perhaps at any time in the past ten years.

Perhaps the withholding of so much grain from the market explains continued business conservatism. When the farmer sells he also buys, and then we all buy and sell. Thus he keeps himself the drive wheel of business everywhere.—*Printers Ink.*

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When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

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UP-TO-DATE FARMING

Production and Marketing

CROPS "RUNNING OUT."

GO into any farming neighborhaad and talk may be heard of crops running out, that is, deteriorating in quality and the farmers must therefore introduce "new blood." We know there is such a thing as breeding up in vegetable as in animal life, and we are glad when new seed is brought in from some other locality; but when benefits are derived from the change it is because the new seed came from a place of more vigorous growth, or had been more carefully selected and had greater vitality than the native seed.

Where crops or varieties deteriorate, it is most likely the soil or the farmer that is "running out." A crop grown on the same ground year after year, and year after year, with nothing added to the soil, must necessarily absorb the elements required by that crop and the result is bound to be that observed in the strawstack calf, there must be weak growth and lack of development—the variety runs out.

Where the farmer comes in for his share of the blame is in the selection of the seed, or rather the lack of seed selection. He does not care to purchase something of which he already has an abundance, so he takes the seed as it comes from the field, and since he is to plant it himself he can make due allowance for any imperfections it may contain, and for any lack of cleanness, and in the ground it goes just as it is. He would not think of buying such seed, nor would he offer it for sale without recleaning, but since it is his own and is to be used by himself, he can make due allowance for all imperfections.

There is the mistake. He can't allow for the imperfections. The weak seed goes into the ground and germinates, and struggles on through the season with poor growth; it may be by the side of a vigorous neighbor from a good seed. The weak seed, the seed that should never have been planted, multiplies itself in seeds still weaker, and—the crop runs out. There is no wonder. The farmer invited it to run out, planted it so that, by the laws of nature, it had to run out. If the seed before planting had been carefully cleaned, and none but well matured, vigorous grains, full of vitality had been planted, and the soil had possessed an abundance of the substance needed to give it a vigorous growth, there would have been no complaint of that crop running out.

Firm the Soil

There has been considerable discussion this spring in the trade papers as to the advisability of soaking various seeds which have a hard shell, or which are slow of germination in ordinary garden soil. Most of the writers advise soaking the seeds in warm water, for various lengths of time, but I think a better way to start these seeds is to put them in moist white sand for twenty-four hours, just before they are needed for planting. There would not need be so much of this soaking of hard-shelled seeds, if people would understand the principles of germination. The average garden maker sows seeds and then covers them with a rake, loosely. It is almost a miracle if such seeds germinate, and usually, not fifty percent do. The proper way is to firm the soil after planting, so that the seeds will be fully incased in a wrapper of moist soil, under pressure, as the two things needful for good germination are warmth and moisture, and a seed will be neither warm nor moist if a tiny draught of air is playing around it, as it is, when put loosely in the soil.

All kinds of fence for field, lawn, cemetery. Send for catalog to Republic Fence and Gate Co., 231 Republic St., North Chicago, Ill.

DODDER, THE ALFALFA AND CLOVER PEST

DODDER is one of the worst vegetable pests of alfalfa and clover. It is a vining plant of peculiar growth and appearance, apparently without leaves, but it has little scale-like leaves in the axils of which several buds lie. It may grow from seed and also from slips. It thrusts its thick roots into the soil and throws up a stem which rises above the ground until it reaches the clover or alfalfa stem around which it winds and sinks its suckers into the stem. It thus becomes a voracious feeder on the sap of the stem it climbs, and when well established thus as a parasite, the root and lower part of the stem connecting it with the ground dies. Thenceforth its entire substance is drawn from the plant it is fastened upon, which soon becomes so exhausted that it dies. But not so the dodder. By this time it has reached out and grasped other stems until quite a space may be overrun with it and injured or killed.

Dodder blooms in July and August, and the seed capsule contains four seeds, which ripen in September and October. These seeds retain their germinating power, it is said, four years, and do not sprout except when very lightly covered.

The best remedy is to be careful to sow only clean seed. Second, turn clover and alfalfa under with the attached dodder. The surest way to destroy the dodder, however, is to spray with a 15 to 2 per cent solution of sulphate of iron. This kills the dodder, and it blackens or may even kill the clover or alfalfa, but it does not destroy the roots of these plants, and they immediately come on with increased vigor.

FARM DEVELOPMENT IN THE WEST

IF IDAHO may be taken as a typical one of the newer Western States, the development of farm values in that portion of the country during the preceding ten years has been wonderful. From a circular recently issued by the Census Bureau, we learn that the increase in rural values in Idaho since the preceding census is as follows:

In the total value of all farm land, 518 per cent; in the total value of farm land and buildings, 478 per cent; in the average value per acre of farm land alone, 276 per cent; in the total value of farm buildings alone, 267 per cent; in the average value per acre of farm land and of all farm implements and machinery, 217 per cent; in the total expenditures for labor, 197 per cent; in the total improved farm acreage, 96 per cent; in the whole number of farms, 76 per cent.

A similar circular covering the same items in Massachusetts, shows the greatest gain in that State to be in the average value per acre of farm lands and buildings, 33 per cent, the smallest in the total value of all farm lands alone, 20 per cent.

OWNER POORER THAN THE RENTER

A GENTLEMAN driving through a not very progressive agricultural neighborhood, observed a farmer in a field nearby scratching with a one-horse shovel plow among some sickly looking corn that was vainly trying to grow, but making a very feeble effort, in ground too poor to grow weeds. Speaking pleasantly to the farmer, the gentleman said:

"My dear sir, you must be awful poor to have to farm such land as that!"

"There's whar you're off, stranger," replied the farmer; "I'm not so poor as you think I am; not by a long shot I aint; this ain't my land, I just rent it."

THE ODD JOBS

THERE are odd jobs about a farm, and no management can avoid them, but management may keep them from interfering with other work. Not many of these jobs are pressing, and for that reason they are neglected until some times one will come on in such a shape that attending to it will be absolutely necessary at a time when it will seriously interfere with some important work.

Most of these odd jobs could be attended to at a time when the farmer is not tired from other work, and when no other work would be at all interfered with. All that is required is a little thinking. "I have nothing on hand now; what little job could I do that would save being done when I am otherwise busy?" Such thinking is worth money. We have known farmers to walk directly by a coat that had been taken off in the morning, and then have to go back for it perhaps a quarter of a mile. Didn't think of it at the time. A gate or a door may need ten minutes work, and many times there are ten minutes to spare when that very job would come handy, and some morning it may have to be done after the team is ready to go to the field. Some stovewood is to be cut, and there is some unoccupied time this evening, but it will go much against the grain to stop and do it in the morning.

Do the odd jobs at odd times, and then they need not interfere with the regular work. So much of it depends upon thinking. There is no habit that a farmer can more profitably cultivate than the habit of thinking—of seeing what is happening or taking place about the home or on the farm so as to be able to promptly meet it.

SAVE THE WASTE LAND

TO SAVE a bit of untilled or untillable land is equal to the purchase of that much more land and adding it to the productive area. There are few farms that have not more or less of this kind of land, land that is entirely valueless so far as making any productive returns is concerned. The cause of this idleness of the land may be the lack of a fence or a fence in the wrong place, the choking up of a drain causing an overflow, a cutoff by a washout, or an untimely bend in a creek.

Study the farm well and carefully note all these conditions. Land is too valuable to allow a rod of it to go to waste. There may not be an acre near you to purchase at any price, but there may be acres of your own that a little care and labor would make as productive as any you have in cultivation.

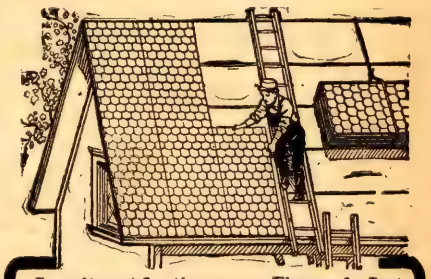
Specially notice the ditches and drains. These must be kept open, and wherever there is a tendency for the water to overflow, the break must be promptly and securely filled. We have known large areas badly managed by a single overflow that a half hour's work at the proper time would have prevented; now the damage may be almost beyond repair. A farmer would search long and earnestly were he to lose a silver dollar. He may lose soil worth many such dollars and give it scarcely a thought. Watch the land!

Automobile manufacturers used to sell cars—not service. But one maker of a reliable car has decided that when you pay your money you must get value—service—from an auto, not merely a machine. We refer to the Marathon. This car is especially adapted to the farmers' needs and fits a moderate pocketbook. Send for catalog to Southern Motor Works, 1228 Clinton St., Nashville, Tenn.

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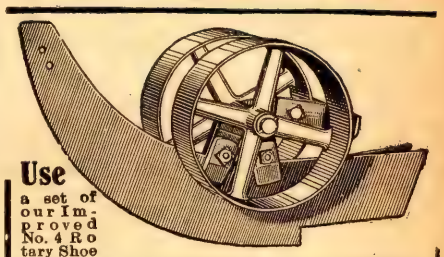
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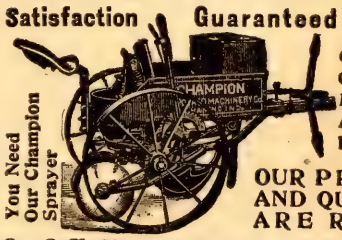


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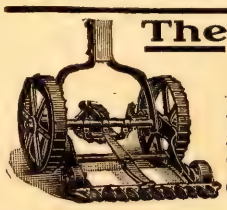


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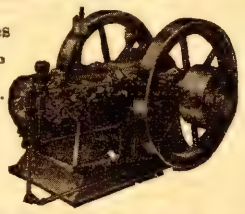
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IWAN BROTHERS, Box 81, So. Bend, Ind.

Making Tile on the Farm

LAND drainage proves that the returns from a piece of land is not so much dependent upon the soil as upon the kind of management which that piece of land receives. Many a seemingly worthless piece of land has been made to produce a profit by tiling. Poor land should be tiled to make it good, good land should be tiled to make it better.



Every farmer looks upon each unimproved acre of his land as an item on his expense book. He has taxes to pay upon it, the same as on his most productive land. Why should he not want to make it all productive?

One time the up-to-date farmer laid a few tile in just the worst parts of his land. Now he has learned that drainage is beneficial to all his land. It is the means of making his farm pay. There is no question but that an excellent crop can be grown on a well tiled field in time of drought. By cement tiling a certain degree of soil ventilation is brought about, and brings these dry lands to their highest state of productiveness.

Soil that has been drenched with water, dries by evaporation and becomes hard instead of being porous. When it is dried by drainage the soil is porous and permeable to dews and showers.

A cement tile machine will help you to improve both your wet and dry land. It means this much to you: It will enable you to drain your land; make your own tile; increase your farm in value; increase your wheat crop; increase your corn crop; put money in your pocket.

Soil that is dry is made mellow by drainage because of the aeration it recieves. The roots of plants penetrate deeper into the soil, where they are protected from the heat and drought, enabling the plants to stand dry periods.

Fruit growers have found that the decaying of trees can be prevented by drainage. Dr. W. I. Chamberlain, of Ohio, says of his own orchard: "I have now nearly finished picking and marketing the Red Astrachans on a row, which, like all other varieties, runs across both plats. The total yield per tree, is fully 50 per cent greater on the tiled part, and in size, beauty and evenness of shape, there is more than that amount in favor of the tiled."

The importance of drainage and the high cost of clay tile have resulted in the invention of tile making machines with which the farmer can now make his own tile during his spare time and at a fraction of the cost of clay tile. Cement and gravel are the only materials used and the result is a tile that is far better for drainage and is more durable than clay which breaks and crumbles after a certain amount of exposure.

Horse Owners—Don't Hesitate

If you have any blemished horses, now is the time of the year to treat them. Get them in condition for the early spring sales. Don't use "any old liniment." Procure one which is positive in its action, and known to be an excellent preparation. ABSORBINE has been on the market for many years, and is popular among the horse trainers and horse owners. W. F. Young, P. D. F., 102 Temple St., Springfield, Mass.

VALUE BEYOND ESTIMATE

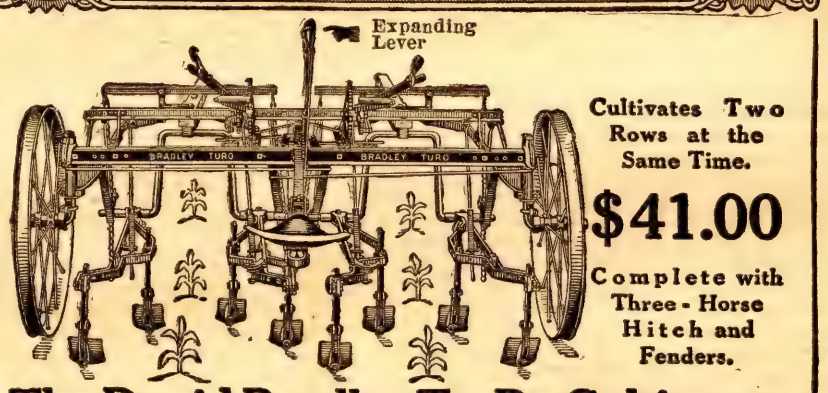
It is difficult to write the value of ensilage in terms of money for the reason that many of its properties which have an actual obvious value can not be so measured. While an analysis will show probably no more food units than many another food, ensilage has succulency, giving it much of the properties of grass. This means that the stock will eat more of it and assimilate it more readily. Still one can not express that value in figures.

It takes far less storage space than hay or other feeds, pound for pound of nutrient quality, a saving in storage space and the cost of buildings and their maintenance. Large herds can be fed in a short time with a little labor, clearly a saving. Another and far greater consideration to the dairy farmer is the increased production of milk from the feeding of ensilage.

It has been proven beyond controversy that cows may be made to produce milk in a constant quantity the year around by the feeding of ensilage. Yet many of the creamery men will tell you that they are receiving more than half of their butter fat in three months of the year. By the silo the farmer is enabled to put butter fat on the market when it is worth the most. The silo is one of the scientific developments which is making the farm a source of dividends the whole year around.

In one of the most productive dairying districts of Wisconsin many of the dairymen own no pasture. They feed winter and summer on ensilage. The success of the Wisconsin dairymen is a sufficient argument.

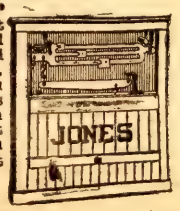
The necessity of the silo is highly

DAVID BRADLEY


Cultivates Two Rows at the Same Time.
$41.00
Complete with Three-Horse Hitch and Fenders.
The David Bradley Tu-Ro Cultivator
¶ The only successful two-row cultivator made. Built to withstand the severest strain and hardest usage. Saves horse flesh, time and labor. One man or boy and three horses do the work of two single row machines.
¶ The Tu-Ro embodies the famous David Bradley patented pivot axle seat bar dodging principle. The instantaneous dodge saves almost every out of line hill, often paying for the tool in one season. Operator has a clear view of both rows at all times, with both hands free to drive.
Pivot Axles and Seat Bar Dodging Lever; easiest, quickest, widest dodge. Operator shifts gangs to right or left by light pressure with either foot and swaying his body in pivoted seat, without changing gait or direction of team. The only two-row cultivator suitable for hillside work.
The Bradley Expanding Lever regulates distance between gangs for rows of varying width. Nothing like it on any other cultivator.
Depth Regulation Lever for each gang and **Combined Gang Raising and Balancing Lever** that lifts all gangs at end of row without disturbing their depth adjustment.
Short Hitch and Direct Draft; easy on horses. Draft helps to lift gangs, also keeps shovels in ground.
Wheels, 42 inches high, wide tires, staggered spokes. **Bearings** dustproof and oiltight.
Gangs of every style for all kinds of soils; pin break, spring trip and surface or gopher blade, all interchangeable. One or more styles can be used on the same cultivator.
Materials, only the best of steel and malleable iron throughout; money can't make it better.
What Tu-Ro Users Say.
R. F. D. No. 4, Box 82, Blissfield, Mich.
Sears, Roebuck and Co., Chicago, Ill.
Gentlemen:—I want to say that the David Bradley Tu-Ro Cultivator I bought of you is the best put up and most satisfactory cultivator I ever owned. No more single row cultivators for me. I hitched three horses to the Tu-Ro, one an unbroken colt, and started in to work. My boy had its operation learned in no time, and the work he did with the machine was an eye opener to my neighbors. At least twenty-five farmers have been over to see my Tu-Ro work and I think nearly every one of them will get one, too. If anyone wants to know how good a machine your Tu-Ro is, tell them to write to me.
Yours truly, A. J. SELL.
R. F. D. No. 4, Box 41, Marion, Iowa.
Sears, Roebuck and Co., Chicago, Ill.
Gentlemen:—I am well pleased with my David Bradley Tu-Ro Cultivator. I have plowed corn crossways, used it in sod, cornstalks, and for fall plowing. I can guide it with one foot and dodge every crooked hill. A neighbor saw it work and said: "That suits me," and then went over to another man plowing with a single row and told him I was doing better work. I plowed 8 acres the first half day, the first time over and it did not cover up any more than a single row. I also like it because it is close to the ground and I can always see both rows. I am advising all my neighbors to get a Tu-Ro.
Yours truly, LEWIS WEIS.
¶ Our big General Catalog shows pictures, complete description and prices of the Tu-Ro Cultivator, also David Bradley plows, harrows, planters, single row cultivators, manure spreaders, etc., the farm tools backed by eighty years of knowing how. If you have not a copy, send today for our Book of David Bradley Farm Implements.
We can always supply promptly any repair part for any Bradley implement, no matter when or where bought.
SEARS, ROEBUCK AND CO CHICAGO

I WANT FAIR PLAY -- YOU WANT SCALES.

For 45 years I have fought all trust combinations, have kept prices where any man could buy a first class scale at a fair price, and have protected the dealer. Now he is controlled by the trusts and says that if I sell my scales to you, that I can't sell to him. All right. I am ready to fight for you. My price is the same to all. Money talks, and you can buy scales on approval to be paid for on agreed terms at dealers' prices. Money or credit talks, and your request will bring my offer on any kind of a scale, big or little. Money talks, and if you need them, I have scales to sell and the inclination to fight for you against that trusts which says you must pay a dealers' profit to get my scales.



Write me and soon.
"Jones, He Pays the Freight" 23 Lea St. Binghamton, N. Y.

apparent. The reduction of pasture acres, the high cost of corn and feeder cattle has made it a serious question if there is a profit in making beef out of corn. In fact, many stock feeders have suffered losses.

The value of feed has been doubled in the last ten years. The cost of corn is more than twice as high. The farmer is not getting twice as much for his stock. Still he is getting about as much as he can expect to get. The problem has reduced itself to scientific feeding and the elimination of waste. The silo is a solution of that problem.

Professor Hoecker, of the Nebraska Experiment Station, figures the cost of production of ensilage, compiled from reports of silo users in Iowa, Nebraska, Kansas and Wisconsin, as follows:

Cost of Growing

Rent of land, per acre	$ 4.50
Plowing and harrowing, per acre	2.00
Seed corn, per acre	.25
Planting, per acre	.30
Harrowing and cultivating, per acre	2.25
Total, per acre	$ 9.30
Average yield, per acre, tons	13
Cost, per ton, to grow	$ .72

Cost of Filling Silo.

Eleven men at $2.00 per day	$22.00
Seven teams at $2.25 per day	16.75
One traction engine, per day	7.50
Engineer	2.50
Coal	3.00
Board for men	6.00
Total	$56.75
Silage cut per day, 75 tons; cost to put in silo, per ton	75

Interest and Depreciation

Interest on money invested in silo	$25.00
Interest on money invested in machinery	12.00
Depreciation and repairs on silo and machinery, per year	30.00
Taxes and insurance	6.00
For 150-ton silo	$73.00
Interest and depreciation, per ton	.48

Summary

Cost of growing, per ton	$ .72
Cost of putting in silo, per ton	.75
Interest and depreciation, per ton	.48
Total cost of corn silage, per ton	$ 1.95

The above figures are liberal. In many cases this cost can be reduced. We find that this valuable feed, which is worth from $5 to $8 per ton in actual feeding value, can be produced for $2.

There are two important questions before the stock farmer. One is, "Can I produce something that will bring a higher price?" and the other, "Can I reduce the cost of production?"

A cream separator should be on every farm where there are three or more cows. A separator is not an expense, but an investment. It pays for itself. The Sharples Separator Co., West Chester, Pa., will place a Sharples Separator in your home on free trial, no expense to you. Better accept this offer. Send for their catalog No. 136.

More farm homes would have furnaces if our readers realized their great advantage, moderate cost and ease with which anyone can put in an outfit. Be up-to-date. Send to the Jahant Heating Co., 209 Howard St., Akron, Ohio. They will make you a liberal proposition. Pay a little each month on a furnace.

An Indian motor car is an all 'round farmer's business and pleasure auto. It is built for hauling milk or cream or produce or for a quick trip to town. Also for one to four passengers for pleasure. Costs $465. Write Indian Motor Co., Mass. Ave., Indianapolis, Ind., and mention Up-to-Date Farming.

Ladies, if you want a fine 54-piece dinner set free, write to the Pure Food Co., 519 Pearl St., Cincinnati, Ohio. Their plan will interest you. Costs nothing.

Col. Roosevelt is contributing editor of the Outlook. This leading weekly is published in New York city. If you want the news of the world in clean, consistent, condensed and readable form there is no better publication. Send for it.

Got Wiser Afterwards

Grim—Did you feel ashamed and nervous when you asked your wife to marry you?

Grip—No, but I've felt that way ever since.



HARVEST TIME IS COMING FAST

Better Be Ready Than Sorry

NOW is the time to look ahead to the harvest. Be sure that you are in perfect readiness to reap the reward of the spring and summer's hard work. Take no chances on a machine which may not stand up during the trying harvest days.

Time flies faster than ever when the busy days come. Your mind may be so occupied with other things that you will overlook harvesting machines entirely until the harvest days are at hand. Then you may not be able to get just the machine you want—or you may have to use your old machine. In either case you are taking a big, unnecessary risk.

Now is the time to investigate the harvesting machine situation—now—when you can give the matter the careful attention it deserves. Too much emphasis cannot be placed on the importance of having the right equipment at harvest time. If you want to be sure, choose one of the celebrated machines in the I H C line—

Champion McCormick
Osborne Deering
Milwaukee Plano

Millions of farmers throughout the world have tried these machines under every condition. The result of these tests has shown the merits of I H C principles, I H C materials, I H C construction, and I H C workmanship.

The present perfection of I H C harvesting machines has required many years of thorough and careful experimenting.

I H C Service Bureau

The Bureau is a clearing house of agricultural data. It aims to learn the best ways of doing things on the farm, and then distribute the information. Your individual experience may help others. Send your problems to the I H C Service Bureau.

Every year finds hundreds of I H C experts in grain fields, watching carefully the harvesting machines at work and interviewing thousands of farmers, to find, if possible, where I H C harvesting machines can be improved.

This method of keeping I H C harvesting machines up-to-date—of making them suit every condition—has been going on year after year for over half a century. That is why I H C harvesting machines get all the grain, whether it is tall or short, whether it is down and tangled, or standing straight, whether the land is hilly or level. That is why all the bearings in I H C harvesting machines are easily accessible, so there is no difficulty in oiling the working parts and giving the machine the proper attention which it needs. That is why, in a nutshell, I H C harvesting machines are right in every respect.

Also bear in mind that exact duplicates of all I H C harvesting machine parts are carried in stock by the I H C local dealer for your convenience in case of accident or other emergency. And remember, too, that the I H C reputation is a guarantee of quality—a guarantee of your satisfaction—a guarantee of utmost value.

Why not visit the I H C local dealer at once, while you have plenty of time before the rush season? Take the step now that will insure for you a quick harvest and a full harvest. Look over your equipment—investigate—then decide. Don't overlook the haying machines and tools of those lines.

Don't experiment with binder twine, either. Get one of seven perfectly dependable brands of twine and be sure. Choose Champion, McCormick, Osborne, Deering, Milwaukee, Plano, or International—in Sisal, Standard, Manila, and Pure Manila brands.

If not convenient for you to call on the I H C local dealer at once, or some day this week, be sure to write for the catalogues you are most interested in and any special information you desire.

International Harvester Company of America
(Incorporated)
CHICAGO U S A

CHOICE BIG WOOL-MUTTON MERINOS
Ewes with lamb at side. Lambs sired by one great est rams in Ohio. Inspection at station before money is paid. H. M. CULBERTSON, ZANESVILLE, O.

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

Get this Genuine Alectride Tool

Grinder on Free Trial

Harman Supply Co., 160 Harrison St., Dept. 3655 Chicago
Please send me free and prepaid book with explaining your free trial offer of your Alectride Tool Grinder.

Name _____

Address _____

No letter necessary; merely send the coupon.



Sharpen your tools at my expense. I want to show you that the ancient grindstone is a back number and that the emery wheel is a menace. I want you to try positively free this genuine Alectride Farm Tool Grinder. Alectride is the only true abrasive. **It will not draw the temper from steel;** it will sharpen the dullest tool in from 3 to 5 minutes, when the grindstone would take half an hour. Alectride **never** wears out. It does not glaze over. I want to send a few of these machines out on **Free Trial** in every part of the United States. I want to put one in every locality. I want you to clip off and send the coupon at the upper right hand corner of this announcement and I will mail at once circulars explaining every detail of the offer I am making here.

I Don't Want You to Send Me a Cent of Your Money. I Don't Want Any Promise

I merely want to place this Genuine Alectride Grinder on your farm for a few days. Sharpen your dull axe, your dull scythe, your dull corn knives, your dull cold chisels, or hatchet, or any dull tool you have. See how quickly and how easily it is done. See how Alectride (made of the substance of precious stones) sharpens your tools in from one-fourth to one-twenty-fifth of the time required by a grindstone and does not heat nor draw the temper. Do all this—give this machine the most severe tests—then unless you think that you positively cannot get along without this Alectride Tool Grinder, send it back at our expense. We'll ask no questions. We'll take it back without a word, and we'll pay the transportation charges. Now send the coupon. Let us tell you all about this wonderful abrasive and our free trial offer.

Remember—Alectride is really manufactured precious stones. It is *even harder* than the hardest diamond. Alectride will scratch a diamond and cut glass like a knife cuts an apple. Send the coupon today and get full explanation of our **Great 10 Day Free Trial Offer.** Do this now. Do not delay.

Harman Supply Co., 160 Harrison St., Dept. 3655, Chicago, Ill.

10 MACHINES IN 1

1 One Sickle Grinder Wheel
2 One Fine Grinding Wheel
3 One Coarse Grinding Wheel
4 One Harman Special Oil Stone
5 One Saw Gummer
6 One Sickle Holding Attachment
7 One Scythe Stone
8 One Harmon Special Razor Hone
9 One Disc Grinding Attachment
10 One Tool Rest

SHARPLES
Dairy Tubular Cream Separator
Set Up In Your Home
FREE

Pay no freight. Pay nothing in advance. Stand no expense. Take neither risk nor trouble. We will deliver and set up The World's Best separator, in your own home, without cost to you for free trial. Later than, different from all others. Twice the skimming force—skims faster and twice as clean—no disks or other contraptions—wears a lifetime—guaranteed forever by America's oldest and world's biggest separator concern.



Mr. Brum, Dodge, Neb., has used Tubular 11 years, no repairs. J. Jenson, Wild Rose, Wis., 11 years, $1.00. Champion Hill Stock Farm, Martinsville, O., 10 years, 20 cts. H. J. Lockwood, Columbus, O., 10 years, 50 cts. John E. Taylor, Orion, Mich., 9 years, 50 cts. Similar records all over world.

Buy one Tubular for life. Risk nothing on "mail order" or other (so called) cheap separators, the average life of which is one year.

Write for catalogue No. 136



THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore. Toronto, Can. Winnipeg, Can.

Heaves Cured—Free Trial

Our ARABIAN HEAVE TABLETS cure heaves. If your horse shows signs of this disease don't delay treatment; we guarantee results. For sample, enough for 10 days' treatment, send 6 cents in stamps for postage, etc.

BeSaw Chemical Co.

Cleveland Ohio



THICK, SWOLLEN GLANDS

that make a horse Wheeze, Roar, have Thick Wind, or Choke-down, can be removed with

ABSORBINE



or any Bunch or Swelling. **No blister, no hair gone,** and horse kept at work. $2.00 per bottle, delivered. **Book 3 E free.**

ABSORBINE, JR., for mankind, $1 and $2. Reduces Goitre, Tumors, Wens, Varicose Veins, Ulcers, Hydrocele, Varicocele. Your druggist can supply and give references. Will tell you more if you write. Send for free book and testimonials. Manufactured only by **W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.**



Indestructible HAMELESS Horse & Mule Collars

prevent and cure sore shoulders. Save cost of hames, pads, or straps. Stronger, lighter, better. Always keep their shape. Guaranteed not to rust. Adjustable in size to fit animal whether fall poor or spring fat.

Write Today For Our YEAR'S FREETRIAL with freight prepaid. Endorsed by veterinaries, used by City Fire Depts. and more than 100,000 farmers and teamsters. Sold by dealers everywhere. **Good agents wanted.**

JOHNSTON-SLOCUM CO. 712 State St. CARO, MICH.

Horse Owners: Ten Cents

will prove that you can save **dollars** in time, trouble, labor and expense by using the Automatic "Clean" Curry Comb. Durable, effective, easy on the horse, and **always clean.** Send 10c to pay actual postage, **state number of horses you own,** and we'll send Comb postpaid. Wt. 10 oz. Price 35c. **After 3 days' trial,** send **25c** or return Comb at our expense.



Clean Comb Co., 60 5th Street, Racine, Wisconsin

Will Trade:

A roan Belgian stallion, 3 years old and sound; also trotting stallion, record 2:16¼, a Baron Wilkes and a grand individual. These horses are the right kind and good stuff: will trade or sell for cash. Address Box 20, care of Up-to-Date Farming.

CALVES. Raise Them Without Milk. Booklet Free. J. W. BARWELL, Waukegan, Ill

HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.



FEED AND FEEDING

NOT MUCH is made or saved by feeding unsound or moldy feed. Such feed, whether grain or hay or fodder, has lost most of its nutritive qualities, and it positively injurious to most animals. Moldy corn is a dangerous feed for horses, and we have known cases where it has done serious injury to cattle and sheep. All farmers know the effect of feeding moldy clover hay to horses, and moldy or rotting feed of any kind is bad. Stock will eat such feed when given no other, and the farmer may think he is saving value in thus using such feed; but he is doing it much as did the boy who threw a silver dollar at a bird, and missed the bird and lost the dollar.

Regularity of feeding is a matter of greater importance than most farmers regard it. Contentment counts with animals as it does with men. Irregular feeding creates restlessness in the stock. They don't seem to get hungry until the time for feeding arrives, and after that they begin to look and fret and worry. When the belated feed arrives they eat ravenously, and the feed does not do them so much good as when eaten quietly at the regular time.

HOGS TO QUIT ROOTING

IT IS WONDERFUL how "experts" do trouble themselves. One of these in the east has lately been "studying" the hog, and trying to find out for the benefit of the farmers, whether there will not be a time in the far away when there will be a rootless hog; in other words, when the hog will be educated out of the habit of rooting. He decides that after awhile the hog will cease to be a rooter, and the "expert" steps out in broad day light as a great helper of the farmers.

We are sorry the poor man took upon himself such an arduous task purely for the benefit of others. It could not result in any benefit to himself, for he never raised a hog and never expects to. But farmers have known for several years exactly how to make rootless hogs. A ring or two properly applied and firmly attached does the business.

BE SENSIBLE WITH THE YOUNG HORSE

MANY farmers make a mistake when they commence to work the young horse. They do not seem to realize that the colt is unprepared for whatever is done to or with it. It is taking lessons, it is true, but each lesson is a wonder. Nothing in its life has been like it, and no part of its body that is affected by the work is prepared for it. Its shoulders are unused to the pressure of the collar, and every part of the harness brings with it an unusual experience.

It is very easy to overwork the young horse and injure it for life. Not a muscle is accustomed to the unusual strain, and if the strain be prolonged injury is sure to be the result. It is seldom that farmers are so thoughtless as to overwork a young horse, but many of them are not sufficiently careful with the fit of the harness. The first harness used is usually that of some other animal, and the fit is almost sure to be bad. Unexpected injury frequently results. Such risks should never be taken. If the young horse is worth breaking it is worth harness fitted to its own body, and for the hope of its future service, it is entitled to kind and sensible treatment and moderate work until habit and muscle are fully inured to the task a work animal is expected to perform. A love of value should prompt that kind treatment as well as a natural inclination to kindness and reason.

Hog Cholera and Swine Plague

These diseases have destroyed millions of dollars worth of hogs, for the country during the past few years. It seems to us that from the very encouraging reports that we have had from some of the remedies that the farmers could have reduced this heavy lose to a minimum.

Having failed with so many remedies, no doubt they have become discouraged and do not believe there is any merit in any of the remedies. In this frame of mind they are slow to avail themselves of the benefit of remedies that have true merit.

We have had reports from hog raisers who are using the Snoddy Remedy, put up, sold and distributed by the Snoddy Remedy Company, Station 24, Alton, Ill. These men who have cured and saved their hogs with this remedy are very strong in its praise.

Mr. A. N. Henry, of Connersville, Ind., reports that he can not raise hobs successfully without the Snoddy Remedy.

A. J. Pursifull, of Cyclone, Ind., reports that the Snoddy Remedy is the only hog remedy he has ever been able to get that would cure and immune his hogs.

Mr. Chas. Dale, of Jamestown, Ind., reports that it is a sure cure for hog cholera.

W. M. Carrier, of Danville, Ind., reports that the Snoddy Remedy is just fine, and a sure shot on the diseases of sick hogs.

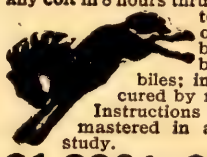
We believe, from what we have learned of this remedy, that every farmer should investigate it. Dr. Snoddy has written a little booklet, in which he describes the disease and the whole method of handling and treating diseased hogs. This little book is free, with other particulars concerning the medicine. Any farmer who will send his name and address plainly written on a postal card will receive one of these little booklets free of charge by return mail. It fully explains cholera and directions for saving a sick herd, how to keep hogs clear of worms and thrifty.

Maize

That precious seed into the furrow cast
Earliest in springtime, crowns the harvest last."—*Phoebe Cary.*

Train Your Colt
in 8 Hours—Break Your Horse of Any Bad Habits

by my simple method. I can teach you to break any colt in 8 hours thru my wonderful mail system, or break your horse of any bad habits, such as balking, kicking, shying, being afraid of automobiles; in fact, any habit can be cured by my method.



Instructions complete and **simple**; mastered in a short time with little study.

$1,200 to $3,000 a Year
At Home or Traveling

Several of my pupils are making big money giving exhibitions in different cities. Others train horses at home, making $15 to $25 a head. You can do the same.

I have graduate pupils in every walk in life—**Farmers, Professional Horse Trainers, Horse Breeders, Riding Masters, Teamsters, etc.**

I have two courses—one, "How to Train a Colt to Drive, and Break Horses of Bad Habits"—the other, "How to Ride and Train the Saddle Horse; Different Gaits and Fancy Steps."

Let me send you my **Free Book** on horses, and the opportunities open to you. Write today, now, while you think of it, for **Free Book.** Also tell me about your horse. (14)

Prof. Jesse Beery, Box 66, Pleasant Hill, Ohio

$15.95 AND UPWARD
AMERICAN SEPARATOR



SENT ON TRIAL, FULLY GUARANTEED. A new, well made, easy running separator for $15.95. Skims hot or cold milk; heavy or light cream. Different from this picture which illustrates our large capacity machines. The bowl is a **sanitary marvel, easily cleaned.** Whether dairy is large or small, obtain our handsome free catalog. Address

AMERICAN SEPARATOR CO. Box 1149 BAINBRIDGE, N.Y.

BUY YOUR ROOFING DIRECT FROM FACTORY

A Roof that is Proof against Wind, Lightning

Rain. We manufacture the world's best Steel Roofing in Roll Cap, Pressed Standing Seam and V Crimp; also Galvanized Conductor Pipes, Eave Troughs and Fittings. It will pay you to send for catalogue and prices FREE.

THE NILES IRON & STEEL ROOFING CO., Niles, O.

The purchase price of a
United States Cream Separator
is practically the final cost.

Barring accident or abuse, the United States Separator will last a generation, with **no expensive repairs.**

An implement dealer has just refused to handle the United States Separator, on the ground that "there is good money in selling ———— repairs," while there is no money to be got that way in selling the United States.

Could a Separator be paid a higher compliment? We don't want that kind of a dealer to handle the United States Separator. We want a dealer who is satisfied to sell the Separator which gives the most satisfaction to his customers. We want such dealers as The Schantz Company, of Grand Rapids, Mich., who recently wrote to us:

> "With between **six and seven hundred United States Separators** in this locality we would respectfully call the reader's attention to the amount of our repair bills for a year. By referring to our account you will see that the aggregate amount of repairs for all these Separators ordered in one year does not exceed **$20.00,** and by taking in consideration that part of these machines have been in almost daily use for ten to fourteen years, we believe that this in itself is ample argument as to **why we handle** the United States Cream Separators."

A United States Cream Separator, once bought and properly handled, is **paid for.**

Its first cost is its total cost.

The United States Separator holds the World's Record for **close skimming** made in 50 consecutive runs, with 10 different breeds of cows, lasting a period of 30 days.

A Catalog will be sent on request. Ask for No. 187.

Vermont Farm Machine Co., Bellows Falls, Vt.



(Look for This Label)

Absorbs the Sweat

and then evaporates it by means of the open texture. Even a flannel shirt can't do that.

Even on a hot day the open "Porosknit" fabric cools you like a breeze. Wears well and washes easily.

"Porosknit" keeps you comfortable in the field and when you are "dressed up." Two million men and boys wear it every summer. They wouldn't change.

Try a suit yourself. Get it now. The only way to tell "Porosknit" is by the label on every garment.

MEN'S Any Style **50c**
BOYS' Shirts and Drawers **25c**

Men's Union Suits, $1.00
Boys' Union Suits, .50c

Buy "Porosknit" at your regular store

Write to us for Illustrated Catalogue showing all styles

CHALMERS KNITTING CO.
102 Washington Street, Amsterdam, N. Y.

Removes Shoe Boils

Sloan's Liniment is the best remedy for Spavin, Curb or Splint, Stiff Joints, Shoe Boils, and any enlargement.

HERE'S PROOF.

Mr. ANTHONY G. HIYER, of Oakdale, Pa., R. F. D. 1, writes: — "Sloan's Liniment is the best made. I have taken shoe boils off a horse with it as big as a water bucket. I have killed a quarter crack on a mare that was awfully bad. I also cured a sore neck on three horses that were raw. I cured greece heel on a mare that could hardly walk. I have told lots of people about it and they have used it."

SLOAN'S LINIMENT

At all dealers. Price, 50c. and $1.00. Send for free book on care of stock. **Dr. Earl S. Sloan, Boston, Mass.**

NEWTON'S HEAVE COUGH, DISTEMPER AND INDIGESTION CURE

The Standard Veterinary Remedy. 21 years sale. Send for booklet.

SAFE TO USE



BEST CONDITIONER

Makes the horse sound, stay sound

DEATH TO HEAVES

The first or second $1.00 can cures Heaves. The third can is guaranteed to cure or money refunded.

$1.00 per can at dealers, or express prepaid.

THE NEWTON REMEDY CO., Toledo, Ohio

MODIFICATION OF SOUTHERN CATTLE QUARANTINE

NEARLY 11,000 square miles of additional territory has been released from the federal quarantine for Texas fever or tick fever of cattle by an order of the secretary of agriculture, taking effect March 15. This action is taken as a result of good progress made during the last year in the extermination of cattle ticks which spread the disease. The total area released from quarantine since the eradication of the ticks was systematically undertaken in the summer of 1906 by co-operation between federal, state and local authorities now amounts to nearly 140,000 square miles, and includes territory in the states of Virginia, North Carolina, South Carolina, Tennessee, Kentucky, Georgia, Mississippi, Arkansas, Oklahoma, Texas and California. The released territory exceeds in extent the combined aera of South Carolina, Georgia and Alabama.

The territory released by the recent order is as follows:

In Virginia, the counties of Fluvanna and Chesterfield.

In North Carolina, the counties of Stanly, Montgomery, Randolph, Chatham, Wake and Franklin.

In Tennessee, the county of Overton and portions of the counties of Fentress, Polk, Lincoln, Lawrence, Benton and Madison.

In Mississippi, portions of the counties of Marshall and Benton.

In Oklahoma, the county of Kiowa and portions of the counties of Greer, Jackson, Swanson, Caddo, Cleveland, Pottawatomie, Lincoln and Pawnee.

In Texas, the county of Cottle and portions of the counties of Hardeman, Howard and Mitchell.

The order also prescribes regulations for the territory remaining in quarantine, which includes the entire states of Alabama, Florida and Louisiana, and parts of Virginia, North Carolina, South Carolina, Tennessee, Georgia, Mississippi, Arkansas, Oklahoma, Texas and California. Copies of this order may be obtained on application to the Bureau of Animal Industry, Department of Agriculture, Washington, D. C.

STOCK AND PASTURE

THE STOCK raiser must have pasture. The farmer without land of his own or where rental vallands, is at a disadvantage as a stock raiser. One can not raise cattle, hogs ues are too high to justify pasture or sheep, or even horses, at present prices, and depend entirely on hay and grain for feed. As land increases in value, therefore, and as rental values increase also, pastures must be made richer and more valuable acre for acre. The day of making pastures of the worn out fields is gone. There must be no worn out fields. The yellowing hillsides must be covered with manure and seeded to crops that not only hold the soil in place but that enrich it; and the arbitrary ditches must be filled and the washes stopped. Fields devoted to pasture must be as rich as those that are cultivated, and they must be seeded to the best forage crops. Weeds and wild grasses must not be depended upon; in such pastures too many acres are required for a given number of stock. The acres are what must be saved, and pasture and cultivation must take reasonable turn with one another in the fields. A field that is not worth cultivating is not worth pasturing.

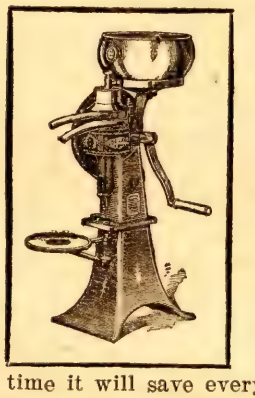
Modern conditions bring us to this conclusion: All farmers must raise stock; to raise stock there must be pastures; to afford pastures they must be brought to their highest feeding value by having in them the best forage crops.

It may come as a surprise to some of our readers who are familiar with the amazing success of the "Wisconsin" incubators and brooders, to learn that both of these famous machines may be secured for $10. A postal addressed to the Wisconsin Incubator Company., Box 96, Racine, Wis., will bring a free copy of their incubator book and full particulars of their great offer by return mail.

DE LAVAL Cream Separator

SAVES ITS COST EVERY YEAR

Occasionally the intending buyer of a cream separator who has but a small amount of ready cash to invest is tempted to put his money into one of the so-called "cheap" machines which are being largely advertised.



Why pay your hard earned money for a "cheap" trashy machine when you can buy a reliable DE LAVAL upon such liberal terms that

It will more than earn its cost while you are paying for it.

When you buy a DE LAVAL you have positive assurance that your machine will be good for at least twenty years of service, during which time it will save every possible dollar for you and earn its original cost over and over again.

If you purchase the so called "cheap" separator you must pay cash in advance and then take the chance of the machine becoming worthless after a year or two of use, to say nothing of the cream it will waste while it does last,—all of which means that you have virtually thrown away the money invested in the cheap separator and wasted your time, labor and product in the bargain.

The DE LAVAL separator pays for itself. It runs easier, skims cleaner and lasts longer than any other cream separator.

Be sure to see the local DE LAVAL agent and try a DE LAVAL before you buy any cream separator.

THE DE LAVAL SEPARATOR CO

165-167 BROADWAY, NEW YORK — 29 E. MADISON STREET, CHICAGO — DRUMM & SACRAMENTO STS, SAN FRANCISCO

173-177 WILLIAM STREET, MONTREAL — 14 & 16 PRINCESS STREET, WINNIPEG — 1016 WESTERN AVENUE, SEATTLE



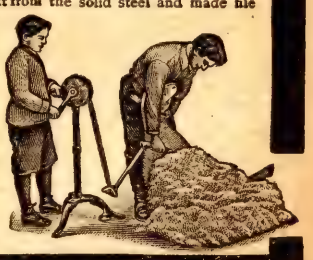
Shear Your Sheep with this Machine

It makes the job infinitely easier than with the old hand shears. It takes the wool off evenly all over the body. It never injures or maims sheep like hand shears and the evenness of work done by this machine nets you from 15c to 40c worth more wool per head.

This Stewart Ball Bearing Machine No. 9

is the only sheep shearing machine ever made with ball bearings throughout and with a ball bearing shearing head. It has all gears cut from the solid steel and made file hard. They are all enclosed in a dust and dirt proof gear case where they run constantly in oil. It turns easiest of all shearing machines and anyone can operate it and do good work. Any of your help can operate it well from the very start. The price, all complete, with four combs and four cutters is only **$11.50**

Get one from your dealer or send $2 and we will ship C. O. D. for balance. Write today for copy of our free copyrighted book, "Instructions on Shearing Sheep," by the leading American expert. DO IT NOW.



CHICAGO FLEXIBLE SHAFT CO.
224 Ontario St. Chicago

Special Factory OFFER



$18.90 and Up

Important Here is an amazing separator offer—a chance to get your choice of America's leading separator direct from the factory at factory prices—the same price which the jobber or wholesaler must pay. And you get it on a liberal 30 Days' Free Trial Plan. But you must act quick—right now.

Save HALF If You ACT NOW! Don't let this opportunity slip by to get the famous New Butterfly—the separator which has out-classed all competition. Amazingly low prices. Our Free Catalog explains all.

——30 DAYS' FREE TRIAL! A LIFETIME GUARANTEE!——

Shipped direct to your farm for a whole months' trial—any size—without sending us a cent in advance. Write a postal or letter for Free Catalog and Offer today. Do it now—right away. You'll save a lot of money.

ALBAUGH-DOVER CO., 2203 MARSHALL BLVD., CHICAGO

FIVE SIZES to fit any needs

WRITE NOW for our Big **Separator BOOK - SENT FREE**

REQUEST TO READERS! Advertisers Want to Know in what paper their advertisements are seen. Therefore please mention **UP-TO-DATE** every time you write to our advertisers



$7.55 Buys Best 140-Egg Incubator

Double cases all over; best copper tank; nursery, self-regulating. Best 140-chick hot-water brooder, $4.85. Both ordered together, $11.50. Freight prepaid (E. of Rockies). No machines at any price are better. Satisfaction guaranteed. Write for book today or send price now and save time.



Belle City Incubator Company, Box 79 Racine, Wisconsin



PFILE'S 65 VARIETIES

LAND AND WATER FOWLS. Farm-raised Stock, with EGGS in season. Send 2 cents for my valuable illustrated descriptive POULTRY BOOK for 1911. Write today.

HENRY PFILE, Box 615, Freeport, Ill.

Chicken Gaps, White Diarrhea, Cholera and Roup Cured

OR MONEY REFUNDED

First box 25c prepaid. Future supply free.

MAUD E. WOOD, NEWBERRY, IND.

Indian Runner Ducks White Plymouth Rocks

Fowls for sale. Eggs for hatching. Book "Indian Runner Duck Culture from A to Z," price 50c.

J. B. HOWE, Poultry Judge, Box M, Fortville, Ind

Indian Runner Duck Eggs

$1.50 per setting. Only white eggs shipped. Instructions how to raise them sent free to customers.

J. J. MILHOUS, Valley Mills, Ind.

HOUDANS Big Egg Laying Strain! First prize winners 1911 exhibition. Matings $2.00 and $3.00 per 15. Write for mating list; also S. C. Rhode Island Reds, prize winners, at $1.25 per 15 eggs. Satisfaction guaranteed. Stock for sale. STUMBAUGH BROS., St. Charles, Ills.



EMPIRE FENCE

Get the genuine EMPIRE big wire fence, direct, at wholesale. Save dealer's profits.

Big Factory, Big Sales, 23 Styles

No traveling salesmen, small expense, prices low. Everything guaranteed. Free samples by mail. Prices of leading styles freight prepaid to all points north of the Ohio and east of the Mississippi River:—

Wires	Inches high	Medium Weight	Extra heavy (all No.9)
9	39	23c per rod	37c per rod
10	47	26c per rod	41c per rod
12	55	32c per rod	49c per rod

Special rates beyond this territory.

BOND STEEL POST CO., 31 E. Maumee St., Adrian, Mich.

47-Inch Fence, 24c Rod

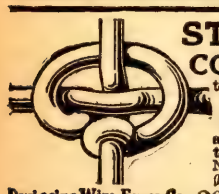
Other styles at proportionate prices. Heavy high carbon steel wire thoroughly galvanized. Can't rust. Stretches anywhere. Shipped direct from factory to you. Sample and catalog free. Write today.

The Shaw Wire Fence Co. Box 4 Warsaw, Ohio

13½ Cents a Rod

For 18-in. 14 3-4c for 22-in. Hog Fence; 15c for 26-inch; 18 3-4c for 32-inch; 25c for a 47-inch Farm Fence. 48-inch Poultry fence 28 1-2c. Sold on 30 days trial. 80 rod spool Ideal Barb Wire $1.45 Catalogue free.

KITSELMAN BROS., Box 289 MUNCIE, IND.

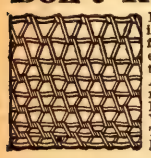


STAR FENCES COSTS NOTHING

to find out about our fences. Guaranteed in every respect. Best quality wire used. Easy to erect. Allowance for expansion and contraction. See our crimp. Nothing like it elsewhere. Write for Free Catalog.

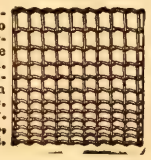
Dwiggins Wire Fence Co., 208 Dwiggins Ave., Anderson, Ind.

Don't Rust Farm Fence



Extra heavily galvanized. Sold direct to farmers at manufacturers' prices. 30 days' free trial. Freight prepaid. Also Poultry and Ornamental Wire and Iron Fences. Catalogue free. Write for special offer.

The Ward Fence Co., Box 331 Decatur, Ind.



FENCE *Strongest Made*

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free.

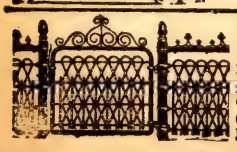
COILED SPRING FENCE CO. Box 88 Winchester, Indiana.



LAWN FENCE

Many Styles. Sold on trial at wholesale prices. Save 20 to 30 per cent. Illustrated Catalogue free. Write today.

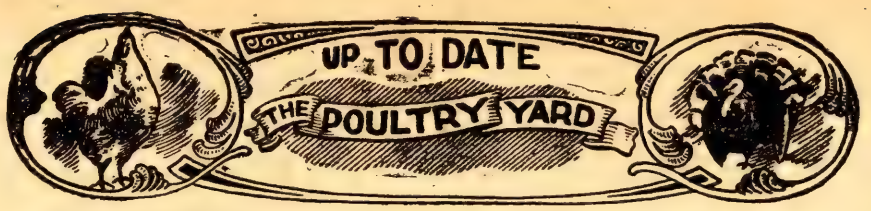
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LAWN FENCE

Many designs. Cheap as wood. 32 page Catalogue free. Special Prices to Churches and Cemeteries.

Coiled Spring Fence Co. Box416 Winchester, Ind.



INDIAN RUNNER DUCKS

By J. J. Milhous

INDIAN Runner ducks were introduced into this country about fifteen years ago from England, and into England from India. They are very swift on their feet, hence, their name, Indian Runner.

The original ducks, as well as those grown and shipped from England, are absolutely "brown and white" with no fawn on them. But Americans are not satisfied without change. Hence, they have bred into the original brown and white a fawn strain of duck until many flocks have no brown feathers in them. Others have bred the fawn out and have a white Indian Runner duck.

I do not know that they have injured the quality of the duck as to size, or egg production, but there is one thing. The pure Indian Runner duck which is brown and white lays the white egg, and this is the egg most desired on the market, and brings the highest price. The quality of the egg for table use is certainly unsurpassed—free from the strong taste which usually is found in the duck egg. They are very great layers—averaging from 180 to 225 eggs a year if properly cared for. But they are like chickens—must be cared for to get a profit.

I am frequently asked if they will live without water. I invariably reply no. They must have water in which they can cover their entire bill. They get their breath through the upper part of their bill and that cavity must be kept open or the ducks will all die. They are so much like other ducks that they enjoy a good creek or pond where they can and do show you all the mannerisms belonging to the duck tribe.

Indian Runner ducks are small, the male weighing from five to five and one-half pounds and the female about four pounds. They are great foragers and like a good range in summer in which to gather worms and bugs. And yet they will probably bear confinement as well as any breed of ducks. Two hundred and fifty can easily be quartered on an acre of ground or even less if properly cared for.

As to feed they are less expensive than chickens as they eat and demand an abundance of rough feed, such as silage, clover, chaff, turnips, beets, mangul wortzel, and most every thing that belongs to the vegetable line.

The statement is frequently made that the market for eggs is going to be overdone. How can this be while we are not producing enough eggs for our own use, and have to annually import millions of eggs—again the consumption of eggs for food increases several millions every year and many millions are annually used in various lines of manufacture. The number in this manner of use exceeding by far the increase in the number used for food.

There are a lot of good incubators made—few poor ones. The farmer who has none should have one. The farm that does not make money from poultry and lots of it is missing a golden opportunity. One of the first things is an incubator. If you have none send for catalogs, study them and you make no mistake in any of the standard makes.

A clipping machine is so cheap every farmer should have one. Clip horses, mules and cows. Easy to operate. Pays for itself; besides the dumb animals will thank you. Write for full particulars to Chicago Flexible Shaft Co., 224 Ontario St., Chicago.

Investigate this trough; made of galvanized steel, can't rust, rot or break. Feeds all kinds of dry feed automatically. Finest thing for slops, water, skim milk, etc. Cheap. Saves its cost in a short time. Write Ben Hur Mfg. Co., 127 Wabash Ave., Crawfordsville, Ind.

EARLY BROILERS

THE FARM income from eggs will slacken after June or a little before. Broilers are about the next thing that can be brought in. These must come from the earliest chicks, and at this time it is too late to set for earliest chicks. But almost as much depends upon treatment as on age. Therefore, if any of our readers may have failed to get as early hatches as they desired, they need not despair. Keep the chicks growing by good care and frequent and proper feeding. Push them. Shorts and corn meal (chopped corn) mixed but not wet, make an excellent feed, and they must be so fed that they may eat without being disturbed—must have a feeding place separate from that of the other fowls, a place where the other fowls can not come. But we are in favor, unless practicing the Philo system, of their having free range at all but feeding time. They need to pick green and tender grass, must have plenty of suitable grit, and are much benefited by flies, worms, bugs and beetles they may get. Hence, we advise to work for broilers any way, even though your hatches may be a little late. Push them is what spells success.

FREE TO FARMERS

A Valuable 160-page book entitled "SILO PROFITS"



Written by 200 of the most successful Feeders, Farmers and Dairymen in the World. Every farmer in America should read this book, and as long as our supply of these books last we will mail one copy free to each person asking for it. It gives the actual experience of these farmers and in their own words.

Our Factories are located at Anderson, Ind., Des Moines, Iowa, and Kansas City, Missouri. Write NOW for this book "Silo Profits"

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BROWN FENCE

Rust Proof - Bull Strong

Fences for horses, cattle, sheep, hogs, chickens, etc. 160 styles.

BARGAIN PRICES: 14 Cents Per Rod Up.

We pay the freight. Lawn Fences and Gates. Free catalog and sample.

The Brown Fence & Wire Co., DEPT. 70 CLEVELAND, OHIO

FIRE PROOF FROST PROOF NO PAINT

HOW

THE INDIVIDUAL FARMER MAY BUILD A SILO WITH UNSKILLED LABOR AND MATERIAL FOUND ON HIS OWN FARM. ACTIVE WORKERS CAN COVER A LARGE FIELD WITH OUR RAPID CONSTRUCTION. WRITE FOR CATALOGUE

CEMENT SILO CO. KALAMAZOO, MICH

White Indian Runner Ducks

From the original Southern California stock. Lays from 275 to 300 pure white eggs a year.

The 20th Century Egg Machines

$6.00 per setting of 15.

Also Fawn and White and White Penciled Indian Runner Ducks at $1.50 and $2.00 per setting of 15.

PETALUMA INCUBATOR CO. 145 N. Delaware St. INDIANAPOLIS

Why Take a Chance With Your Eggs or Chicks?



Don't blame your poor hatches to the parent stock, or the eggs, because lack of moisture, irregular heat, and cheap incubators are responsible for the death of millions of chicks in the shell every year.

The International Self-Humidifying Incubator

is absolutely automatic in every function, unvariable temperature, positive moisture from the moment of starting the hatch until necessary to properly dry the newly hatched unit of future profit, so thoroughly safeguarding its entrance into poultrydom as to guarantee its livability.

Your brooder losses are not always the fault of the chicks. Ultimate success depends on the proper mothering of chicks

The International Sanitary Hover



is the only one positively supplying the highest temperature at the outer edge. Therefore, no loss by crowding to the center and every chick has a chance under this hover. Entire metal construction. Portable and adjustable to all conditions. Eliminates expensive brooder house equipment.

Our best efforts are centered in the production of **Day-Old-Chicks and Hatching Eggs** from matured stock. No pullet eggs are used except for table purposes. **All orders for Incubators, Hovers, Day-Old-Chicks or Hatching Eggs will positively be filled within 24 hours after receipt.**

Send today for 1911 catalogue on incubators and hovers, also our stock catalogue on Rancocas Strain Baby Chicks and Hatching Eggs.

INTERNATIONAL POULTRY SALES CO. Home Office, Box 270, Brown's Mills, N. J. Branch No. 21 Barclay St., New York City



Freight Paid

125 Egg Incubator and Brooder Both For $10



Why pay more than our price! If ordered together we send both machines for $10.00, and pay all the freight charges. Hot water, double walls, dead-air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery underneath the egg-tray. Both Incubator and Brooder shipped complete, with thermometers, lamps, egg-testers—all ready to use when you receive them. All machines guaranteed. Incubators are finished in natural colors showing the high grade lumber used—no paint to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Send for the free catalog today, or send in your order and save time.

WISCONSIN INCUBATOR CO., Box 96, Racine, Wis.

A PROFITABLE INVESTMENT



Republic Ornamental Fence will enhance the value of your property.

Republic Ornamental FENCES

are made by cabling large heavily galvanized wires and in serting heavy upright wire pickets, corrugated only at point of intersection; thus forming an immovable joint without injuring the galvanized coating. Most durable fence made. A variety of beautiful designs. May be erected with wood or iron posts. Write for catalog. If you need Farm Gates, write for Special Farm Gate Catalog.

REPUBLIC FENCE & GATE CO., 231 Republic St., N. Chicago, Ill.

Why Rent a Farm

and be compelled to pay to your landlord most of your hard-earned profits? Own your own farm. Secure a Free Homestead in Manitoba, Saskatchewan or Alberta, or purchase land in one of these districts and bank a profit of $10.00 or $12.00 an acre every year.

160 ACRE FARMS IN WESTERN CANADA FREE

Land purchased three years ago at $10.00 an acre has recently changed hands at $25.00 an acre. The crops grown on these lands warrant the advance. You can

Become Rich



by cattle raising, dairying, mixed farming and grain growing in the provinces of Manitoba, Saskatchewan and Alberta in Western Canada.

Free homestead and pre-emption areas, as well as land held by railway and land companies, will provide homes for millions.

Adaptable soil, healthful climate, splendid schools and churches and good railways.

For settlers' rates, descriptive literature "Last Best West," how to reach the country and other particulars, write to Sup't of Immigration, Ottawa, Canada, or to the Canadian Gov't Agent.

W. H. Rogers
3rd Floor Terminal Traction Bldg.
Indianapolis, Ind.

(53)

FOR INFORMATION AS TO LANDS IN

The Nation's Garden Spot—

THAT GREAT FRUIT and TRUCK GROWING SECTION—
along the

Atlantic Coast Line RAILROAD

in Virginia, North and South Carolina, Georgia, Alabama and Florida, write to

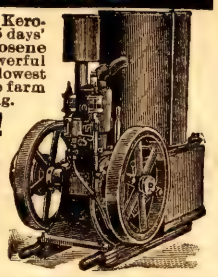
WILBUR McCOY, A. & I. Agt. for Florida, Alabama, Georgia, Jacksonville, Fla.

E. N. CLARK, A. & I. Agt. for Virginia and the Carolinas, Wilmington, N. C.

FOR SALE 12 WESTERN MINNESOTA and SOUTH DAKOTA improved farms, containing from 113 to 620 acres. Price from $40 to $55 per acre. Small payments down, balance 10 to 15 years, at 6 per cent. Very choice lands. Good reason for selling. ALBERT D. SNOW, Batavia, Ill.

Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing.



Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil.

Amazing "DETROIT"

The "DETROIT" is the only engine that handles coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h.p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. **Prices (stripped), $29.50 up.**

Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you Special Extra-Low Introductory price. Write!

Detroit Engine Works, 396 Bellevue Ave., Detroit, Mich.

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WELL AND PROSPECTING DRILLING MACHINERY



43 years' successful operation. Used in nearly all parts of the world. We make a complete line of Drilling Machines and tools for every condition of earth and rock drilling and mineral prospecting. Complete catalogue No. 120 showing over 40 styles of machines free.

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Will reduce inflamed, strained, swollen Tendons, Ligaments, Muscles or Bruises, Cure the Lameness and stop pain from a Splint, Side Bone or Bone Spavin. No blister, no hair gone. Horse can be used. $2.00 a bottle, delivered.

Before After Horse Book 2 E free.

ABSORBINE, JR., for mankind, $1 and $2. Reduces strained, torn ligaments, enlarged glands, veins or muscles—heals ulcers—allays pain. Your druggist can supply and give references. Will tell you more if you write. Book Free. Manufactured only by W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.

A CHAT ABOUT WATER FOWLS

By MRS. J. B. HOWE

AMONG the profitable assets of the farm water fowls should have a prominent place. There is scarcely a farm so situated that these fowls could not be reared at a good round profit.

As their name signifies they are more happy and contented with plenty of their native element near at hand, but both ducks and geese can be reared nicely without water to swim in, though, as before stated, they are in better health, look handsomer and require less attention when allowed the freedom of a stream or pond of water, than when water for drinking purposes alone is provided for them.

There are a great many farms which have low, marshy portions that are unfit for cultivation, and are either allowed to lie idle, or are kept in continual pasture. These places should be turned into goose and duck pastures, and in this way made to bring returns equal or superior to the most productive portions of the farm. Cattle, horses, sheep and any kind of stock except hogs may be pastured with the water fowls. Hogs do not make good companions for any kind of fowls, being to voracious by nature; besides when grain is fed to the swine the fowls also partake, and in this way get more grain than they need. Many a fowl meets its doom at the feeding troughs.

For this reason the fowls and the hogs should be kept apart.

Geese require very little grain, grass and water alone being the chief part of their diet. In the winter and very early spring they should be fed a little grain. When the ground is bare they will gorge all winter, but when the pasture is snow-covered they need some bulky feed to take the place of grass. Clover, or alfalfa or even the heads of timothy hay will be devoured by them. One lady claimed to have wintered several geese on the rakings of her lawn, which she had stored for bedding and chicken house litter. As spring draws near and their breeding season comes on, the grain should be nearly discontinued, as it seems too stimulative and causes them to lay an occasional soft shelled egg.

Geese should be mated early, as they begin to lay the latter part of February or the first of March. They become quite attached to their mates and do not take kindly to a change in their domestic affairs.

It is considered the best to mate geese in pairs, though they will usually tolerate two or three females to each male.

Geese may be picked three or four times during the summer, though they should not be picked when laying or setting.

It is estimated they will yield about one pound of feathers each, per year. Prime live geese feathers always find ready sale, at good prices. Then think of the downey pillows, etc., one can have from one's own flock.

Roast goose is considered by many superior to turkey, and the extra members of the goose family will not go begging at Christmas, Thanksgiving or New Year's festivals.

There are several varieties of geese. The Toulouse is the largest, and the White China the most beautiful, while the Toulouse and the Emblem are larger than the White China, the latter will lay more eggs than either. They are styled "The Leghorn of the goose family." While the Toulouse will lay only eighteen or twenty eggs each, the Emblem but twelve to fourteen, the Chinese Geese will lay about sixty eggs each, per season.

Nothing can be more beautiful than these stately fowls grazing on the green or dashing through the water with a cry resembling the wild goose; then when some sight stirs their enthusiasm and they raise their wings and with breasts protruding and martial tread, beat a double quick measure across the pasture, it is a sight not soon to be forgotten.

They make good watch dogs, giving their peculiar signal at approach of anything unusual.

Our flock is kind and gentle, seeming to take delight in being noticed and talked to.

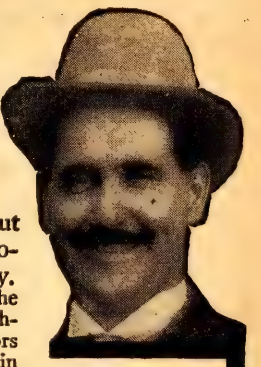
In color they are pure white with orange colored feet, legs and bills, and an orange knob on the head. Their necks are slender and swanlike; they are graceful in carriage, and attract a great deal of attention and no end of admiration. The old fashioned goose of our grandmother's time would blush with shame and retire out of view of these stylish beauties, but we have slighted the ducks in our enthusiasm over our pet geese, so shall leave them for another paper.

Good wire fence at a fair price. That is the kind Star fence is. It will pay subscribers to send for catalog to Dwiggins Wire Fence Co., 208 Dwiggins Ave., Anderson, Indiana.

There is something wrong with the President Shirt advertising that has been in Up-to-Date Farming. It is not strong enough. The shirts are better than the advertising! They call them work shirts, but the advertising manager of Up-to-Date Farming finds them good enough for most all occasions. We do not see how they can be sold for 50 cents. Write President Shirt Co., 114 Wyoming St., Baltimore, Md.

A fine new sewing machine from factory to you. You can get it on trial and pay for it, if satisfactory, a little each month. Write for catalog and offer to King Sewing Machine Co., 704 Rano St., Buffalo, N. Y.

Is $21.25 To $45.00 Worth Saving On A Cream Separator?



IF IT IS, then write for my big new Book about Cream Separators, and the Personal Price Proposition that I'll make you for a limited time only. It's the most complete and interesting book ever written on the Separator question. Full of eye-opening information and truthful pictures of Galloway's famous Bath-in-Oil Cream Separators —$29.75, and up. We make a line of cream separators equal in *every* way to the highest priced separators made. I sell them *direct* to farmers in great quantities at *enormous savings*. There is absolutely no reason in the world why you should pay around $85 for a separat r that skims no better than the Galloway—*if as good.* That $85 you are asked *doesn't represent* separator value. What it does represent is what you are asked to contribute to the *many-profits* system in the old-fashioned way of selling. Just compare this with my *low-priced* system. Then again look out for the machines that are way too cheap. You don't want one of those at any price.



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FREE Book

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We deal on a big scale. We have to, because my whole business depends upon the law of volume. By dealing with tens of thousands of farmers I am able to sell implements direct on a *small* margin of profit. I am able to save you from $21.25 to $45 on a Cream Separator of higher quality because of this and because of my splendid factory organization and improved automatic machinery. But one thing I don't save on is materials. The only way I save on *materials* is by buying in *enormous quantities.* I don't save at the expense of quality. If Galloway's Bath-in-Oil Separators were not equal in every way to the highest-priced separators on the market, I *wouldn't dare* to guarantee them as I do. I *wouldn't dare* send them to you freight prepaid on 30 days' free trial with the distinct understanding that I'll accept them back on your say-so and refund every cent of your money, including freight charges both ways. I stand all the expense—take all the risk. It is up to me to convince you—to satisfy you. Now sit down and write for my big Separator Book. It's interesting and it's convincing. Let me make you my personal price proposition. Send me a postal NOW.

William Galloway, President
The Wm. Galloway Company
503 Galloway Station, Waterloo, Iowa

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GOULDS RELIABLE PUMPS

The Old Style is a Nuisance

70 DAY CORN

We have had thousands of pleased customers for Buckhart's White Dent in the past few years. It is a 70-day corn that surpasses every other early variety for late planting. The cob is small and the grain is deep. Ears are medium sized. Carefully grown and especially selected and prepared for seed.

Price Peck, 75c; ½ bushel, $1.35; bushel, $2.25; bag (2½ bu.), $5. This is a special low price and you should be sure to plant this variety—you'll not regret it. Bags are free. Send for catalog of all field and garden seeds or order corn direct from this ad.

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PRATT'S "SCALECIDE"

Will positively destroy SAN JOSE SCALE and all soft bodied sucking insects without injury to the tree. Simple, more effective and cheaper than Lime Sulphur. Not an experiment. One gallon makes 16 to 20 gallons spray by simply adding water. Send for Booklet, "Orchard Insurance."

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BEES Send for our large free illustrated catalogue No. 1 of Bee Supplies with Veiling samples and Free instruction to beginners. DADANT & SONS, Hamilton, Illinois

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I don't care who you are or where you live--men--women --boys--girls--I want you to work for me and I will pay you big. :: :: :: :: :: :: ::

If you can give all your time to my work you can earn up to $175.00 or more a month. :: :: :: ::

My work is High Class--Clean and Pleasant. You can do it in your spare time. I start you. No capital needed.

Be your own Boss--fix your own hours. How nice to have plenty of money! How much shall I pay you? :: ::

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AGENTS PORTRAITS 35c, FRAMES 15c. Sheet Pictures 1c. Stereoscopes 25c, Views 1 30 days' Credit. Samples and Catalog Free. Consolidated Portrait, Dept. 3655, 1027 W. Adams St., Chicago

Wanted—A man or woman to act as our information reporter. All or spare time. No experience necessary. $50 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION, 629 Association Building, Indianapolis, Indiana

We Pay $36 A WEEK and expenses to men with rigs to introduce poultry compound. Year's contract. Imperial Mfg. Co. Dep. 57, Parsons, Kan

GARDEN and ORCHARD

SAMUEL ARMSTRONG HAMILTON, Editor

The editor of this department will answer inquiries by mail if a stamped envelope be enclosed, and desires all to write him freely. This is your department; use it. Horticultural books and pamphlets will be reviewed if sent in. If you desire to know where any seed, plant, or implement can be had, write me. If obtainable, I will tell you.

Publications Received

Fungous Diseases of Plants.—A very valuable treatise on the fungous diseases of fruits, vegetables and flowers, written by the experts who have made the popular *Scalecide* a household word. All interested in spraying for these diseases should have it. Free. B. G. Pratt Co., 50 Church street, New York.

THE ORCHARD

If the manure was not spread over the orchard during the winter when there was plenty of time in which to do it, do it right now, so that it will have some time to leach out during the April rains which are a feature of all sections of the north, and be ready to plow under later. This plowing is generally the first work in these orchards in which the tillage system obtains.

If you did not get all the prunings out of the orchard last winter on account of the deep snow in some localities, it should not be put off, but done at once, as these limbs will be in the way of cultivation, and gives the orchard a slovenly appearance. Let the orchard be as neat in appearance as the home-yard.

Spraying

It is not too late to give the trees that deferred or neglected spraying, up to the time that the buds are ready to burst. This is the last spraying with the commercial stock solutions of lime sulphur of scalecide; thereafter the spraying is not for scale, but for scab, rot, coddling-moth and curculio, directions for which will be given in good time. **Do not spray while trees are in bloom.**

Grapes

The grape vines should have attention. No doubt you had them pruned properly before the sap ran, but did you burn all the prunings? Did you have them cut back to three spurs for this year's bearing? This will make but little old wood for the vines to support, and all the strength will go into bearing-wood and fruit. Every dead leaf should be raked up and burned, for there are four deadly diseases which lurk in them: Bitter-rot, black-rot, downy-mildew and powdery-mildew, any one of which is enough to destroy the crop. Before the leaves get expanded, spray the vines with scalecide. If you have but a few vines, and do not own a spraying machine, go over the stems with a sponge dripped in scalecide solution, according to directions. This is not feasible for large numbers of vines.

THE SMALL FRUITS

Now is the time to look to the small fruits, if this important work has not already been done. It is not too late to go over the cane-fruits and give that careful pruning without which a good crop can not be assured. There should be no old wood left on them, and the last year's growth should be shortened back one third. This will produce the finest large berries, and the enhanced price will give you more profit than one-third more of small fruits.

The strawberries should have attention. Go over the matted rows and **give them a cleaning out by hand.** I always advise this for those who have a market for the finest berries. All the old last season leaves, especially those which show any trace of anthracnose should be removed and burned—**sure**—the crowns cleared of rubbish, and any that have been raised by the frost re-set before growth starts.

In situations where the soil is well drained, it is a good idea to give the small fruits a shallow cultivating, as soon as the ground can be worked, as this will bring on the first crop of weeds early, and they can be killed before the mulching must be done and be out of the way at fruiting time. It will also give vigor to the rows.

Planting Small Fruit

Any planting of small fruits should be done this month, as the soil and temperature, in most sections will be just right. Have the plants come to you at the time when past experience has taught you that both will be right for your section. I do not approve of deep planting of such fruits as the raspberries, blackberries and strawberries, as I consider it best that they be planted level, so as to allow as much good feeding room right beneath them as possible, as this is better than compelling the roots to feed out between rows, and be in the road of the cultivator, as is often the case.

The farmer who does not give serious thought to his poultry is neglecting a possible source of considerable income. Eggs and poultry are a big thing in the year's business. An incubator will help to make the most money out of the business. We suggest that every reader send for the Sure Hatch catalog, which is very valuable. Address Sure Hatch Incubator Co., Box 28, Fremont, Neb.

The Onion Most Effective

She—"They say an apple a day will keep the doctor away."

He—"You can beat that. An onion a day will keep everybody else away."



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A. MATHEWS, 6081 Wayne Street, DAYTON, OHIO

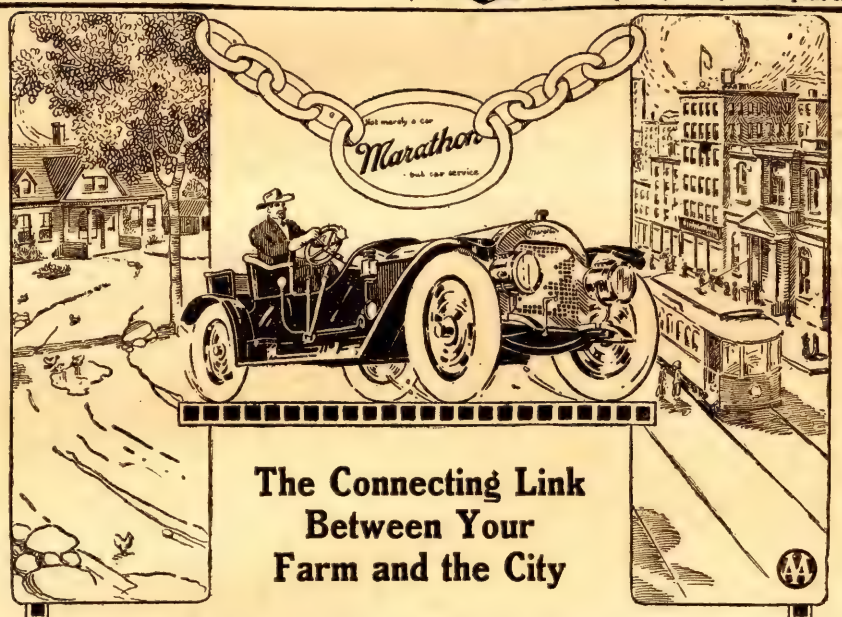


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The Connecting Link Between Your Farm and the City

IF YOU want to keep in touch with the city, you should own a *"Marathon"* Car. It will not only facilitate your business transactions, but give your family better social advantages. Your children may attend the good city schools, and your grown-up folks will be contented and remain on the farm.

Not simply a car - Marathon - but car service

It leads in the test and wins in the race for ***Speed, Endurance, Reliability, Perfect Power Transmission, Style, and Best All-Around Car Efficiency.***

The *"Marathon"* is an economical car, its up-keep is always small. If you want a car that meets all requirements, you'll buy the *"Marathan."* It is now entering upon its sixth season and challenges comparison with cars selling at twice the price.

Attractive Agency Propositions Still Open.

"Marathon" Models include Torpedo Touring Car, Fore-Door Touring Car, Standard Touring Car, Standard Roadster and Torpedo Roadster. **Prices from $1,500 to $1,700.**

WRITE FOR CATALOG

SOUTHERN MOTOR WORKS, Nashville, Tenn.

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A CAR FOR EVERY FARMER

A few years ago it was thought an automobile would never do for farmers. It was the millionaire's toy. It was a luxury of the first water.

But experience, demonstration, and education taught us otherwise. Now farmers are buying more than half of the automobiles made.

Many farmers have one machine. How about two? Seems as though two automobiles would not be needed at first thought. Let's consider.

Is it economy to run a big, expensive touring car to town for a small repair? Or to take a load of produce, eggs, butter, etc? Or to take the daily run to the creamery? It means expensive tires. The machine is heavy, and consumes more gasoline than a small car. Now, mind you, a touring car is worth much to every farmer who can afford it. It pays to take the family. But if you can afford a large touring car you should have a smaller business car,"

Manufacturers are more and more turning their attention to the commercial car for business use, and now there is made a farmers' business car.

One of these cars can be used to take the milk to the creamery daily, also for the hundred and one odd trips to town. If wanted it can be rigged up to carry four and more passengers—and away you go with the family.

These cars are light. They go over the road at little cost. They get there and back, always ready, and the cost is within the reach of every farmer.

A FARM AUTO-WAGON

THERE are a good many farmers throughout the country who have hailed the day when the farm auto wagon made its appearance among them, and justly so. It is one of their biggest assets. We all know that a farmer's biggest asset is his land. On its power to grow good crops depends his livelihood.

The next problem that confronts Mr. Farmer after he has grown a good crop is how to gather same the easiest and quickest way possible and with the least expense. Right here let him stop to think and think hard; for here is where the auto wagon steps in and relieves him of that big problem. What is easier than to jump into his machine and in a very few minutes be at the spot where he can load up his machine and back again where he started from. It matters not whether he wishes to load up wheat, corn, rye or any other grain and take it from the field or go to market with whatever he may wish to haul. In place of hauling the harvest being a drudgery, it is more of a pleasure because of the additional time it gives to Mr. Farmer to apply elsewhere.

It also cuts down the number of horses he is now required to have to do his work for him.

There is nothing since the day of the reaper that has meant so much to the farmer in the saving of dollars and cents than the farm auto wagon. It is opening up a new era. It is but a short time hence when we will see the farm auto wagon used as universally as the present horse wagon. When that day does come, it will be a blessing to the farmer and his family. It is another adjunct to making farm life more pleasant, and in this way keep the boys home instead of having them look to the city to try and lighten their burden of work.

However, the farmer must be careful in making a choice of the wagon that will be most serviceable to him. It is a proven fact that a light wagon to haul about five hundred to six hundred pounds is the best adapted for their work, both in the upkeep and the service it will render. Those manufacturers who are specializing in this kind of an auto wagon are the most successful builders.

A good new fanning mill will save and make its cost in a short time over a poor, worn out one. Investigate the "New Superior." 30-day free trial, etc. J. L. Owens Mfg. Co., 936 E. Monroe St., Springfield, Ill. Catalog free.

Ask for Our Tire Book
Cut Tire Bills in Two

We have made enough No-Rim-Cut tires to supply over 100,000 motor car owners—10% oversize.

The control of this tire jumped our tire sales last year to $8,500,000. And 64 leading motor car makers have contracted for these tires this year. They now outsell our clincher tires almost six to one.

If you are a tire user you should know these tires. They cut tire bills in two. Ask us to mail our Tire Book.



Goodyear No-Rim-Cut Tire

The No-Rim-Cut tire—like the clincher tire—fits any standard rim for quick-detachable tires. Also demountable rims.

In changing from clinchers, you simply slip each removable rim flange to the other side. Then the tire comes against a rounded edge, as shown in the picture above.

We have run these tires flat in a hundred tests—as far as 20 miles—without a single instance of rim cutting.



Ordinary Clincher Tire

With the ordinary tire—the clincher tire—these removable rim flanges must be set to curve inward—to grasp hold of the hooked tire base. That is how the tire is held on.

The picture shows how the thin edge of the flange then digs into the tire. That is the cause of rim cutting. That is what ruins a tire beyond repair if you run it not fully inflated.

More damage is done by rim cutting than by any other single cause. To avoid it means an average saving of 25 per cent on tires. We do avoid it utterly in Goodyear No-Rim-Cut tires.

The Secret

The reason lies in 126 braided piano wires which we vulcanize into our tire base. That makes the tire base unstretchable. Nothing can force it off of the rim until you unlock and remove the rim flange.

When the tire is inflated these braided wires contract. The tire is then held to the rim by a pressure of 134 pounds to the inch.

That's why No-Rim-Cut tires are not hooked to the rim. That's why the rim flanges can be turned outward. Not even tire bolts are needed.

We control this feature by patent. All other methods for making an unstretchable tire base have been found deficient. Single wires or twisted wires won't do. The braided wires which contract under air pressure are essential to a safe hookless tire.

Tires 10% Oversize

When the rim flanges curve outward, the extra flare lets us make these tires 10 per cent oversize. And we do it without any extra charge.

This adds 10 per cent to the carrying capacity—10 per cent to the air cushion. It takes care of the extras—the top, glass front, gas tank, extra tire, etc. It avoids the overloading which is almost universal without the oversize tire.

This 10 per cent oversize, with the average car, adds 25 per cent to the tire mileage. These two features together—No-Rim-Cut and oversize—are saving thousands of motorists about half on their tire bills. Nothing else invented in late years saves so much on upkeep.

Yet these patented tires—which used to cost one-fifth extra—now cost the same as other standard tires.

GOODYEAR
No-Rim-Cut Tires

Our Tire Book explains things fully. It tells all we have learned about making tires in 12 years spent in tire making. It tells how you can reduce your tire bills to a trifling sum.

It is time that every motorist knew these facts. Please write us to mail the book.

THE GOODYEAR TIRE & RUBBER COMPANY

Thirty-Fifth Street, AKRON, OHIO

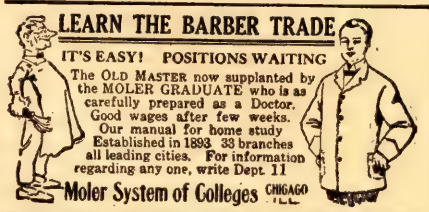
Branches and Agencies in All the Principal Cities **We Make All Sorts of Rubber Tires**

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MADE. Lowest fuel cost; lowest up-keep cost; easiest on the machine it operates, delivering steadier power than any other gasoline engine, adapting it especially for operating farm machinery, with better results and least waste of grain. Lowest fuel cost for it runs on Gasoline, Kerosene, Distillate, Gas or Alcohol and has perfect lubrication. Lowest cost because it delivers greatest available power per horse. A slow speed, high duty engine. Starts easier and quicker than any other engine, occupies less space, is less cumbersome, with less vibration, therefore adapting it for either stationary, portable or traction use. **IT IS THE POWER CONTRACTOR'S FAVORITE ENGINE.** No engine made has so wide a range of use. **YOU WILL MAKE A MISTAKE IF YOU DO NOT WRITE US FOR INFORMATION.** 1½ H. P. to 5½ H. P. single cylinder. 6 to 20 H. P. two cylinder. 30 to 50 H. P. four cylinder. State your requirements and get our advise. **THE TEMPLE PUMP CO., Manufacturers, 432 West 15th St., Chicago, U. S. A. This is our 58th year.**

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Send for prices with manufacturers' discounts on poultry and farm hard wire fence. Best of galvanizing. Great strength—long service. Write today.

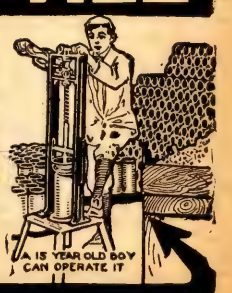
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One Man Can Make 300 to 600 Perfect Tile a Day

WITH OUR **FARMERS' CEMENT TILE MACHINE**

at a cost of $3 to $5 per 1000. The only farm tile machine that does not require hand tamping; the only farmers' machine operated by either hand or power. Machine makes 3, 4, 5, 6 and 8 inch tile, 12¼ inches long. **Our Patented Water-Proof FLEXIBLE CASING** holds tile in perfect shape till set. **No Pallets.** If after 10 days' trial it does not meet **10 DAYS FREE TRIAL** with entire satisfaction, return **at our expense.** The price of the machine will be saved in making your first 2000 tile. **Can You Afford to Be Without It?** Write today for illustrated catalogue.



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There is not a single case of spinal curvature in the world this method will not immeasurably benefit. Thirty days' free trial given to all.

Write to us to-day, giving age, character of spinal trouble, and its location, and you will receive free of all charge instruction and information of great value. Address

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MAKES IRONING EASY AND A PLEASURE

Pronounced "The World's Best" by over 275,000 satisfied customers. No hot stove—easy to operate. Heat regulated instantly. SATISFACTION GUARANTEED.

Highest in quality—lowest in price. Highly polished and nickel plated.

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FOR SELLING POST CARDS

We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. WILLARD WATCH CO., Dept. 437 CHICAGO

Perfection Burner **HERE IT IS!** And Only **50 cts.!**

A burner with indestructible STEEL MANTEL giving a soft glowing light equal to sixteen candle power incandescent. NO SOOT! NO ODOR! fits any common lamp. 3 for $1.00 for a limited period.

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LIGHT AS DAY

Better light from your old kerosene (coal oil) lamps and lanterns than from electricity or gas. Our great WHITE FLAME BURNER fits any lamp, gasifies the oil and develops a brilliant, white, 32 candle power light from a one inch wick, and never smokes. NO MANTLE TO BREAK. Nothing to get out of order. Safe and reliable.

AGENTS WANTED RED HOT Seller. Sample, postpaid, 35 CENTS, stamps or silver. MONEY BACK IF NOT SATISFACTORY.

WHITE FLAME LIGHT CO., 20 CANAL STREET, GRAND RAPIDS, MICHIGAN.

Don't Throw It Away Does Your Granite Dish or Hot Water Bag Leak? **MENDETS** A PATENT PATCH

Mend all leaks instantly in graniteware, hot water bags, tin, copper, cooking utensils, etc. No heat, solder, cement or rivet. Any one can use them. Fit any surface. Smooth. Sample box, 10c. Complete box, assorted sizes, 25c, postpaid. Wonderful opportunity for live agents. Write today.

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BRACELET AND RING FREE

We positively give free a fine Adjustable Signet Bracelet, guaranteed 5 years, also a beautiful Stone Set Ring for selling 20 packs high-grade art post cards at 10c a pack. Order 20 packs, when sold send us $2, and we will positively send Bracelet and Ring. WELLS MFG. CO., Dept. D47 CHICAGO

KITCHEN SET FREE

(22 INCHES LONG)



(10 INCHES HIGH)

Complete Kitchen equipment-a utensil for every purpose. A place for everything, fewer steps, less annoyance greater comfort, Every item is a household necessity, used daily. Made of the highest grade of tempered crucible steel, ground and polished by the latest improved process. Rubberoid finish, hardwood handles; matched and mounted with nickel plated ferrules, making set an ornament to your kitchen. The rack is 22 inches long, made of wrought steel, heavily enameled in black. In back of rack is space for kettle covers, trays and shallow articles or cooking utensils.

COUPON

D. W. BEACH, BOX 502
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Send me full information how I can get the American Kitchen Set FREE, by getting a few subscriptions to the EPITOMIST. Also send me a sample set of Post Cards that go with each subscription. I will do my best to get up a club for you and get the Kitchen Set.

Name.....

P. O.....

St. or R. F. D..... State.....

THE HOME ON THE FARM

CONSIDERATION FOR MOTHER

A DELIGHTFUL correspondent writes of two girls she visited only a few days apart. The mother of each happened to be making a dress for the daughter, to be used at an entertainment soon to be held in the neighborhood. In one case the girl was decidedly grouchy, and complained at the mother's slowness in getting the dress done; that she always had to wait for anything longer than anybody else, and too frequently had to wear some old thing when there was anything to do. The mother was doing her best. She was not strong, was tired, looked as if she was overworked, the furrows of care were distinctly visible in her face, and the daughter was not at all watchful to relieve her of household burdens. A sigh showed how painful the peevish complainings were to her.

At the other home, the young lady for whom the dress was being made, insisted, on the arrival of the visitor, that her mother put away her sewing and enjoy herself during the afternoon. Admonished by the mother that she had little enough time in which to finish the dress, the daughter replied that there was plenty of time, that she would do all the other work, and even if the dress were not finished there would be no serious inconvenience, as she could very well wear one of her old dresses. The mother, she said, was already tired and had worked enough for that day. So saying, she gently and pleasantly relieved her mother of the sewing and neatly put it away. A smile illuminated the mother's face and a happy love glowed in her eyes.

Which of these girls had a mother the longest, and which was happiest with her mother? Which of them, dear young lady friend, was most like you?

TO REST THE EYES

AN EASTERN writer is said to have discovered that looking with tired eyes upon bright but different colored scraps of silk, was immediately restful. Silk scrap quilts are good for this purpose and lamp mats made of such scraps that may be looked upon at any moment, are very restful of the eyes.

POTATOES ON THE HALF SHELL

TAKE good sized smooth potatoes about one hour, or until they are pretty well crusted, but not burnt. When done cut in halves, lengthwise, and with a small spoon carefully scoop out the potato into a hot bowl, being careful not to break the skin. Mash fine and add two teaspoons of butter, or more according to quantity; also about half a cup of hot milk, with salt and pepper to taste. Fill the skins with this mixture, brush over with a little butter, and bake until brown.

BE CAREFUL WITH POISONS

SOMETIMES it is thought to be necessary to have poisons about the farm home. Such necessities are really very rare, and we always preferred to do without, even when they seemed to be needed. One can not tell what time an accident may happen. When there are children about a place it is specially dangerous to have poisons. If conditions make such drugs necessary, exercise the utmost care in using them, and be sure to keep them where there can be no danger that they may be found by the children or others that might use them unawares. After the accident has happened it is too late to be careful.

"Children Teething"

Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

THE COUNTRY SCHOOLS

MOST OF the country schools are now closed for another term. We know of no happier place or brighter days for the boys and girls of the farm than the school house and the days spent there, excepting, of course, the home itself.

But what has resulted from these days spent in the school but recently closed? There have been pleasant associations, no doubt, and there have been incidents that were not pleasant; but how much has been learned, how many ambitions have been stimulated, how many aspirations awakened, how many hopes encouraged? In all this, much depends upon the teacher, more, perhaps, upon the pupil, and some upon the parents.

In the schools rests the future of the country and humanity. Do we look upon them with as much interest as they deserve? Do we do all for them that we should? Are farmers as vigilant in making the schools a success as they are in working their farms and producing their crops that perish in a season? The productions of the schools are to blossom in time, making all around sweeter and prettier and better, and to bear fruit both here and hereafter. We sometimes fear that farmers are neglectful of their schools, and yet those schools are the showers that water and stimulate the growth and development of the minds of their children.

"Healthy and Cool in Summer"

The idea responsible for the first manufacture of Porosknit Underwear was, that underwear, to be healthy and comfortable, should be VENTILATED. The soundness of that idea is shown by the fact that today Porosknit has the greatest sale of ony underwear of its kind. You do not know summer comfort if you have not worn it.

Porosknit assists evaporation and cools the skin. Does not stick, cling and pull like some underwear when damp with perspiration. That means greater comfort, greater cleanliness, and better health.

The Chalmers Knitting Company, 102 Washington St., Amsterdam, N. Y., who make Porosknit, tell us the boys are crazy for it. The company issues a fine illustrated booklet which they send free.

Even

"You have deceived me," she complained. "You gave me to understand that you were rich."

"Well, you deceived me, too," he replied. "You caused me to believe that you would be brave and cheerful if it ever became necessary for us to get along on a small income."—*Judge.*

$3.50 Recipe Cures Weak Kidneys, Free

Relieves Urinary and Kidney Torubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

Consumption Book FREE



This valuable medical book tells in plain, simple language how consumption can be cured in your own home. If you know of any one suffering from Consumption, Catarrh, Bronchitis, Asthma or any throat or lung trouble, or are yourself afflicted, this book will help you to a cure. Even if you are in the advanced stage of the disease and feel there is no hope, this book will show you how others have cured themselves after all remedies they had tried failed, and they believed their case hopeless.

Write at once to The Yonkerman Company, 4772 Water Street, Kalamazoo, Mich., and they will gladly send you the book by return mail free and also a generous supply of the New Treatment, absolutely free, for they want every sufferer to have this wonderful remedy before it is too late. Don't wait, write today. It may mean the saving of your life.

CANCER TREATED successfully without operating. Send today for Free Book. Pay When Cured

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THIS EXQUISITE ART PANEL and CALENDER SENT YOU FREE

PRINTED IN 13 COLORS AND GOLD
SIZE 7¼ INCHES BY 36 INCHES

IF we could only show you the original of this beautiful work of art instead of the miniature photograph printed here in black and white—if we could only place it right before you so that you could see how all the delicate colors and tints used by the artist are exquisitely reproduced, how every line, shadow, and expression of the original painting is faithfully preserved, how the splendid bouquet of roses with their rich, deep red petals and glossy leaves seem so real that you can almost smell their fragrance—if we could only do this then we are certain you would never hesitate about sending for it.

The panel measures 7¼ inches in width by 36 inches in length—printed in 13 colors and gold on enameled ivory finish picture-paper, and then pebbled to bring out realistically the true effects of the artist's own work.

There is no advertising on the front to prevent framing, but the panel effect really does away with the necessity of framing.

A loop at the top permits of easy hanging. There are no strings tied to this offer. We want you to have it in your home, hoping that it will act as an occasional reminder that THE FARMERS REVIEW is The Best Farm Paper in the Middle West.

Send 10c (Stamps or silver), to pay for postage and packing. Just say, "Send me your Art Panel." Address:

THE FARMERS' REVIEW
1006 Ellsworth Bldg. Chicago, Illinois



U. S. Army Bit With Bridle $1.40



Regular U. S. Cavalry, steel forged curb bits, high or low port; blued, white, tinned or black enameled. Reins and head stall of best selected saddle leather. Never been used. Sent upon receipt of only $1.40. Bit alone retails for more.



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Made for U. S. Cavalry at U. S. Arsenal of heavy blocked saddle leather, 31½ in. long, will carry most any size gun. Have straps which may be adjusted to sling over shoulder or adjust to saddle. Cost the government more than $4 to manufacture; sent anywhere upon receipt of only 75c. Hirsch "Book of a Thousand Bargains." Free on request. Enormous list of big money-saving bargains in Government goods.

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I will send you my 84-page book "Advice to Stammerers" Free. It explains how I quickly and permanently cured myself. Profit by my experience and write for free book and advice.



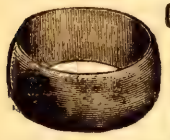
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Lovely assortment of 20 Artistic Christmas, Friendship, Good Luck, Roses and Flowers in exquisite colors, all for only 10cts. if you answer this ad immediately.

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Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the $1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring, not the cheap kind. Address R. F. MOSER, 332 Household Bldg., Topeka, Kan.

RICE. New Crop. 100 pounds beautiful clean white table Rice, in double sacks freight prepaid to your station $3.85.

J. ED. CABANISS, Rice Farmer, KATY, TEXAS

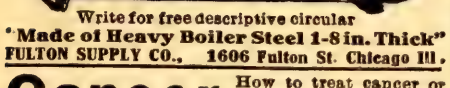
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How to treat cancer or tumor by a new home treatment mailed free to all sending address.

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New Rupture Cure

Don't Wear A Truss



Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions.

Binds and draws the broken parts together as you would a broken limb.

No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

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Select any pattern you want at 10 cents each and send all orders to

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Garden and Farm tools made by a firm in business for 75 years must be made right. Merit wins. If you have not had the Bateman catalog send for one. Address Bateman Mfg. Co., Box 656, Grenloch, N. J.

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Get the Farmer catalog of strawberry, raspberry, blackberry plants; currants, gooseberries, etc. New varieties make money. T. J. Farmer, Box 135, Pulaski, N. Y.

Free to Every Reader

We have just finished reading a very interesting book on poultry entitled "Chicken Chat," written by Mr. A. H. Zenner, 219 Lafayette avenue, Detroit, Mich. Every person interested in the profitable raising of poultry should own a copy of this book and we have arranged with Mr. Zenner to supply it free to every reader of this paper. All you have to do to get it is to send your name to him on a postal and he will forward it free of charge.

Among the various topics described in "Chicken Chat" are Lice, Mites and the various germs that are responsible for Roup, Pip, Tape Worm, Canker, Typhoid, Black Head and other infectious and contagious diseases which destroy all chances of profit in poultry raising.

"Chicken Chat" shows you how you can cure and prevent the spread of these diseases and how you can effectively disinfect your poultry house as the surest and safest means of making the industry more profitable. It is filled with hints on successful raising of chicks by means of the incubator and complete report contained therein of the Ontario Government Poultry Expert, Professor Graham, showing a series of scientific tests which will prove to be of special value. It shows you how you can secure 9 per cent more chicks than in any other known method. The book is free for the asking, and Mr. Zenner will be pleased to send it to every reader of this paper who is interested in bigger poultry profits.



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It's the very nature of a soda cracker to absorb moisture and foreign odors.

That's why the ordinary soda cracker remained so long in obscurity.

The advent of Uneeda Biscuit and the moisture-proof and odor-repelling package changed all this—for Uneeda Biscuit, the perfect soda cracker, keeps select company—its own.

To-day the goodness, the freshness and body-building virtues of Uneeda Biscuit are acclaimed in tenement and mansion.

Never Sold in Bulk

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In the moisture-proof package

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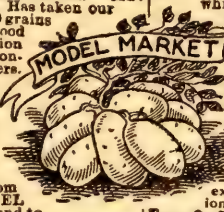
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600 Grains Farmers Interest Corn

Has been bred and improved more than 15 years. The most productive white dent corn in the country. If your corn yields less than 100 bu. per acre on good ground send for this at once. Read extracts from letters: INDIANA, "Farmers Interest yielding 100 to 120 bu. per acre all over field." "50 acres averaged 98.96 bu. per acre." "Turning out 95 to 100 bu. per acre." KY., "Yielding 100 to 120 bu. per acre." ILL. "Good for over 100 bu. per acre." KANS., "Yielded 114 bu. per acre. Ears like arms of giants." TENN. "Largest, heaviest and best. 50 ears made a bu." IOWA. "28 acres yielded 2430 bu." MD. "Greatest ever seen. Has taken our country by storm." 600 grains will yield 10 bu. on good ground. Full description and complete testimonials free to subscribers.



1-2 Lb. Model Market Potato and a secret process how to raise 3 to 5 times as much from a given amount of seed. Guaranteed. By our process you can raise 1 to 3 bu. from the half pound. MODEL MARKET is white, round to oblong, smooth, bakes or boils like white flour. Out yields Kings, Carmens, Rurals and Burbanks. The greatest yielder of all and the market's model. We give 1-2 lb. free. Think of the prices you have paid for New Potatoes before.

10 Pkts. Vegetable Seeds including a package of the largest, heaviest and most productive Pumpkin in existence. Read this letter: "Perhaps the greatest exhibit was 21 pumpkins grown on one vine. The total weight was over 1000 lbs. the average weight was over 50 lbs." This is what our paper printed about your mammoth pumpkins that I exhibited at our institute."—Mrs. Jas. Seeds, Lawrenceville, Ill. The other seeds are: Cabbage, E. W. T. and All Head; Beets, Columbia; Cucumbers, Everbearing; Lettuce, Everlasting and Early Curled; Radishes, Crimson Giant and Cin. Market; Tomato, O. K. First Early and Quarter Century. These seeds will give you the best garden you ever had.



10 Pkts. Choice Flower Seeds including one pkt. Pyrethrum, a large, showy plant which bears a profusion of delicate pink daisy-like flowers. The dried and powdered flowers make the famous Persian Insect Powder which, while harmless to people and animals, is sure death to bugs, worms, flies, mosquitoes, bed bugs, roaches, etc., on plants and in the house. Once sown last for years. The other 9 pkts. are Asters, Balsams, Carnations, Marigold, Pansy, Phlox Drummondi, Nasturtium, Poppy, and Sweet Peas. 10 Pkts.

30 Big Cash Prizes Will be awarded to subscribers who plant these seeds. No exacting conditions. Full instructions sent with each collection.

For Only 50 Cts. We will send Up-to-Date Farming one year and all these seeds postpaid. 24 big numbers. 22 different varieties, 22 packages.

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I enclose .....please send your paper a year and the GREAT SEED DISTRIBUTION FOR 1911. A condition is, that the money will be returned if everything is not as represented.

My Name.....

P. O.....

R. R..... State.....

Attach paper for more names

20 Beautiful Post Cards 10c
Very Choicest Gold Embossed



Our prize collection of 20 most beautiful Souvenir Post Cards, in lovely colors and exquisite gold embossed designs, all different, extra fine quality, and the prettiest collection ever offered; to introduce our cards quickly we send these cards and latest catalogue prepaid for only 10cts; 6 pkgs 50cts. **Seymour Card Co., Dept. 90, Topeka, Kan.**

STEM WIND & SET **WATCH RING & CHAIN FREE**
FOR SELLING POST CARDS



We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2. and we will positively send you the Watch, Ring & Chain. **WELLS MFG. CO., DEPT. 425 CHICAGO**

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Our American made, stem wind watch beautifully designed case, factory-tested, guaranteed for 5 years, and this latest style double heart signet ring are given to boys and girls for selling 20 packets of high grade art post cards at 10c a packet. Order 20 packets to-day. When sold send us $2.00 and we will positively send you at once the watch, ring and chain. **Palace Mfg. Co., Dept. 507 Chicago**

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We give all grades of Watches for selling our fine Art Post Cards at 10c per pkg. Order 20 pkgs. today. When sold, send us the $2.00 and we will send you an elegant 5 YEAR GUARANTEED WATCH, also a FINE SIGNET RING and a CHAIN, postpaid, as per our premium list. IT COSTS YOU NOTHING. Write us to-day. **BELMONT MFG. CO., Dept. 139 CHICAGO**

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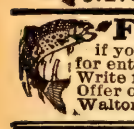
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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

BIRTHDAY CARDS! Everybody has birthdays; and everybody has friends whose birthdays it is desirable to commemorate.

Easter is gone for this year, but Birthdays, somebodys' birthdays, are coming all the time.

So many of the Cadets secured subscribers and got our beautiful Easter Cards, Mr. Everitt suggested that we now offer them just as pretty **BIRTHDAY CARDS,** cards that are good for every day in the year. And we make the offer.

Get four subscribers for Up-to-Date Farming at 25 cents a year each, making a total of $1.00. Send the dollar, with the names and addresses, to the office at Indianapolis, Ind., together with your name and address, all written very plainly, and we will send each of the subscribers ten beautiful post cards, besides the paper a whole year, and to you for getting the subscribers and sending them in, we will send thirty of the prettiest Birthday Cards you ever saw.

Now, 25 cents is a very low price for such a paper as Up-to-Date Farming, besides each one who pays you 25 cents for the paper gets 10 beautiful cards. It seems to me that everybody you ask will give you a quarter on such an offer as that, and then you send the dollar and the names to us and get 50 cards for yourself. We love to do the very best we can for our Cadets of Equity. Our first letter in this issue shows how one Cadet gets cards. Remember that each Cadet who sends subscribers becomes a Pioneer of Equity.

DEAR CADETS: I have been a reader of Up-to-Date for several years. Papa and brother were both subscribers and as their time has expired. I am going to subscribe for it myself. We all like to read it very much, especially the Cadet pages. We have made up clubs of subscribers so that my brother has had 50 Twentieth Century cards, and 50 Christmas and New Year cards, and also a set of 20 Thanksgiving cards, and a set of Friendship Favors. They are the most beautiful cards ever offered, and all the young people should try at once to get these cards; they are beauties. I will be 16 April 25, and I would like to have a post card shower. I have a brother 11 years old, and four sisters all younger than myself. My brother is soon to attend the Northwestern University at Watertown, Wis. I graduated last spring, and will attend the Ladies' Seminary at Mankato, Minn., next fall. Papa has a violin and I have a piano, and we play together. I will also try to help poor little Nellie Tipton get her piano. I was very much interested in the letter written by Charles Woland. I would like to correspond with Cadets of my age, and will answer all I receive. I prefer views.—Anna Keller, Juneau, Wis.

DEAR CADETS: My little sister's letter was received so kindly by the young people that I wish to become a Cadet myself, for I think some of the best girls and boys in the world write for that splendid paper, Up-to-Date Farming. I am 17 years old, and I am glad to say I am a farmer. It does me good to see the rich soil turn over as the sturdy team, in obedience to my word, make their way across the field. But I am fond of amusement as well as of work, and have good times with the young People of my acquaintance. My father only a few days ago made me a present of a new buggy, and my pony, Creno, is always ready to whirl it along the roads in this beautiful part of southern Illinois. If you Cadets were here I would be glad to give each of you a ride; but since you are not here, let's get acquainted by means of post cards. I will answer every card or letter I receive.—Charley Roberson, Dahlgren, Ill.

DEAR CADETS: My sister Alberta wrote you a short time ago, but she did not begin to tell you of all the beautiful scenery we have on our hill in Georgia, Vt. She expects a postal shower May 3, if you Cadets do not forget her. We can see old Mr. Mansfield from nearly all of our windows, and on the west of us is Lake Champlain. I can walk to it in less than an hour. In the summer time the shores are full of campers from many different states. I am a farmer boy 13 years old, and we have had a fine old winter, with more than 120 days of sleighing. It began about Thanksgiving, and it is not gone on some roads yet.—Asa Pattee, Georgia, Vt.

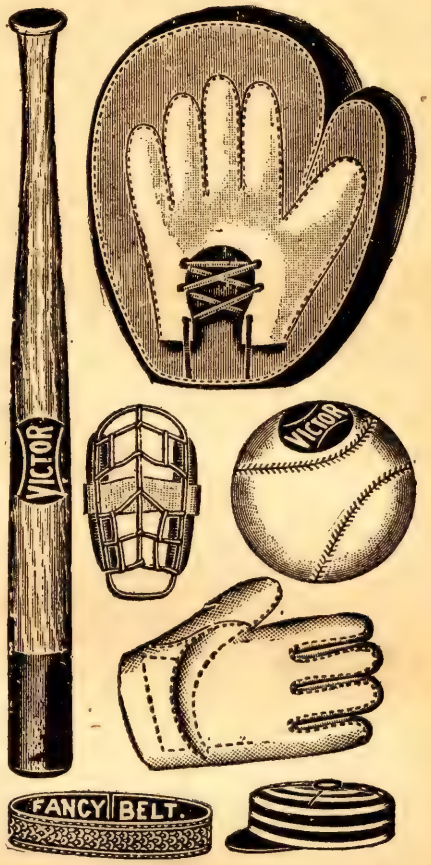
DEAR CADETS: I am 18 years old, and live on a farm. We raise corn, wheat, tobacco, and a large quantity of tomatoes; there are 45 factories that use them in our county. I can't see what is the matter with the boys, they are so backward about writing. I would like to see more letters from Virginia. I thank Up-to-Date for giving the young people a corner. I would like to exchange cards with the Cadets, especially with Sadie Gordon of West Virginia.—Joseph A. Markhem, Indian Rock, Va.

DEAR CADETS: I am a Missouri girl 15 years old. I live on a farm of 120 acres. I like to live on a farm. We have six cows and I do all the milking myself. We have 5 calves, 7 horses, 20 hogs, 160 chickens and 14 geese, and we raise most all kinds of grain. We have been taking Up-to-Date for a year, and I think it ought to be in every farmer's home. I enjoy reading the Cadet letters very much. I would like to exchange cards or letters with the Cadets.—Pauline Glanbitz, Rogersville, Mo.

DEAR CADETS: have taken Up-to-Date for more than a year, and I like it very much, especially the Cadet letters. I am 10 years old, and live on a farm of 100 acres. We have 5 horses, 1 pig, 9 cows and 70 chickens. It is sugaring time out here, but it has been awful since we tapped. My uncle has an evaporator, and I have fine times watching him boil. I would like to exchange cards with some of the little girls, especially with Pearl Roberson, Dahlgren, Ill.—Rhena A. Ashline, Alburgh, Vt.

DEAR CADETS: It was only recently that we subscribed for Up-to-Date Farming, and we consider it an excellent paper. I appreciate some of the letters of the Cadet writers. I am a small personage of 21 years, and I weigh 120 pounds. So you see living in the Ozark hills is healthful. I taught my first school this winter, and teaching certainly affords a good experience for any young man or girl. It teaches patience. But I like teaching fine. I attended the State Normal last spring, but I am glad to be at home this spring, for I have been away so much. My brothers are all away, and, of course, we are very lonesome. If any of the Cadets want to see beautiful scenery come to the Ozark mountains in spring. But you must not imagine that the Ozarks look anything like Pike's Peak. I would not give up good old Missouri for any state in the Union, and I have been in a few others. I am a Jayhawker by birth. My parents were both raised in Indiana. I have been within 100 miles of Indianapolis. I would

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"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

like to correspond with Cadets near my age.—Pearl Crowe, Rogersville, Mo.

DEAR CADETS: My brother takes Up-to-Date, and we think it a fine paper. I live on a farm and am proud of it; have been at work today (March 20), for it is spring here and the farmers are very busy. I am 16 years old April 12, and would like the Cadets to give me a post card shower. Utah is a beautiful place, with high mountains. I would like the Cadets to go with me on the mountains on Easter. It is fine when you get to the top and can see all around. I love to fish and hunt, and I do lots of both.—James Allan, Mapleton, Utah.

DEAR CADETS: I am 16 years old, but we do not live on a farm, though father owns one at N. Baltimore, where we resided for 18 years. I do not remember much about it; but I believe I would like farm life, it is so healthy. I have been getting this paper for some time, and have always enjoyed reading the Cadet letters, and I hope the writers will not forget me, for I will gladly exchange cards with any of my age or older, especially from the west. I have three brothers in the west, two in Junction, Idaho, and one in Dillon, Montana.—Jennie Speicher, Belmont, Pa.

DEAR CADETS: I have been a subscriber for Up-to-Date for some time, and I think all farmers ought to read it, for there is no other paper like Up-to-Date. I am sending a new subscriber for it. We raise corn and cotton and most all kinds of fruit, and vegetables. I would be glad to have cards from the Cadets. I am a farmer and live on a farm.—J. W. Holley, Midland, Ark.

DEAR CADETS: I have just read over the letters in the March 15 issue, and decided to write this to get acquainted with more of the Cadets. I have corresponded with Nellie Tipton and have received one of her pictures; and I wish all the Cadets would send to her for one. That would make her piano fund grow, and help to make her life indoors happy. I am also acquainted with some of the other Cadets through correspondence, and I hope you will not exclude me from your circle because I am not a farm girl. I have never lived on a farm, but I live in a small country town in Northampton county, 5 miles from Easton. I have worked in an office here as stenographer ever since we lived here, which is now three years and a half. Before then I lived in Philadelphia, but I prefer the life here to that in Philadelphia. I am 20 years old and would like to exchange cards or letters with more of the Cadets.—Eva Driver, Tatamy, Pa.

DEAR CADETS: I am a farmer's daughter in the state of Maryland and we have a farm of 140 acres. I have always lived on the farm, and I think farm life is much better than living in the city. I like to sew, but I like to do most any kind of work. I have four brothers and two sisters; my oldest sister attends the Maryland State Normal school in Baltimore. I was 18 the 28th of March. My father has been taking Up-to-Date for some time, and thinks it a very nice paper; we all enjoy reading the Cadet letters. I wish more farmers would take your paper, and profit by the good things they would find in it. I do thank Mr. Everitt for my beautiful Easter cards. Every one that sees them thinks they are very pretty. I attend the M. E. church, and we have lately organized a Good Templars lodge in Mt. Airy, two and one-half miles from our home. We already have 169 members, and expect to receive a good many more; it is the strongest Good Templar's lodge in the state. I will be glad to get cards from all the Cadets, and I will try to answer all.—Esther May Walker, Mt. Airy, Md.

DEAR CADETS: I am an Oklahoma girl, and live on a farm of 160 acres, 17 miles south of Alva, the county seat, and 12 miles east and 2 south of Waynoka. We have an 80-acre farm, 6 miles west of Carmen. Our principal crops are corn, cane, Kaffir corn, brown corn, wheat and maize. We have 20 acres of fruit, principally peaches and apples. We also have a blackberry patch, and sometimes pick 300 and 400 quarts of berries. We sold $200 worth of fruit last year, mostly peaches. We also raise lots of garden vegetables. We have about 200 chickens, and 21 cattle, and 4 horses. Papa has taken Up-to-Date for about 2 years, and I like it fine, especially the Cadet page. My birthday is April 28, and I would like a postal shower. It is very lonesome here now. My brother had typhoid fever and passed away February 23.—M. Viola Saladin, Dacoma, Okla.

DEAR CADETS: I am a country girl of pleasant disposition and full of country life. I am 15 years old, and have 3 sisters and 3 brothers. My father died when I was 9 years old, and my mother is blind, so I do not go to school, because I must help my sister, who is 19 years old and the oldest of the family. We two have had a pretty hard life. We have 6 cows, a pair of oxen, one horse, 3 pigs and 200 chickens. We have 175 acres of land, but we keep a hired man to help us along with the farm work. I am fond of sewing and reading, which I do a good deal of; also of music. We have an organ, which I enjoy. But most of my time is devoted to work. But it is pleasant to help take care of my blind mother, and do the work she would do if she were not so afflicted, especially since we have no father. I would like to exchange postals with the Cadets.—Helen Inbick, Sandy Hook, Conn.

DEAR CADETS: I am a farmer's daughter, and have lived on a farm all my life. My mother died when I was only six years old, and left besides myself four brothers and two sisters. I and my younger sister kept house for my father ever since we were able to do any work. I can now do any house or farm work. I milk three cows every day. My sister goes to school. During the past year my sister has taken Up-to-Date, and this year I will take it. I enjoy reading it. I will be 16 years old April 12, and I would like to get cards or letters from the Cadets.—Rosa Stein, Auburn, Mich.

DEAR CADETS: I have been a reader of Up-to-Date for some time. My father takes this great paper, and I certainly think it has the right name, for it is one of the most up-to-date papers. I am a girl 20 years old, and live on my father's farm close to town. We all enjoy farm life. I have four sisters, and we have an organ. I am taking music, and enjoy it well. I would be glad to exchange cards or letters with some of the Cadets.—Zena Baggett, Epley Station, Ky.

DEAR CADETS: I live on a farm in the southern end of the corn belt of Illinois, and we raise corn, wheat, hay and broom corn. There has been lots of broom corn raised during the last two years. My brother has taken Up-to-Date Farming for nearly three years, and we all think it a very useful and instructive paper for the farmers, and no farmer should be without it. So I think we should all occasionally hand a copy of it to our less fortunate neighbors, so that every farmer in the United States may become a subscriber and reader, and learn what it so ably teaches. I would like to exchange cards with the Cadets:—Joseph J. Sudkamp, Sigel, Ill.

DEAR CADETS: My father has been a subscriber for Up-to-Date Farming for several years, and I think it is a very good paper for the young people to read; it gives them better ideas of farming and stockraising. I am 19 years old, and live on a farm near Hoisington, in the great wheat belt of Kansas. My father owns 525 acres of land here, and we have 19 mules and 13 head of horses; about half of these are under 3 years old. We also have 22 head of cows and calves. We have out 250 acres of wheat, but it does not look very good on account of being so dry last fall. I have not gone to school since I was 15, when I graduated from the 8th grade. I would be glad to hear from any of the Cadets.—Harry E. Gage, Hoisington. Kas.

DEAR CADETS: Will you let a friend from the Golden West come into your midst? My father subscribed for Up-to-Date in February, and I have enjoyed reading the Cadet letters very much. I was born in a little log cabin up here in the mountains on New Years day, 19- years ago. My sisters and brothers walk three miles to a little country school house down in the valley. Our nearest town is 10 miles away. We raise Angora goats, and have a number of milch goats on our ranch. We also have quite a number of chickens, and grow our own vegetables every year. One of my brothers has been trapping this winter, and has a lot of fine pelts. I am very fond of climbing mountains, and greatly enjoy going over the range when my brother rounds up the goats. I would like to exchange post cards with all the Cadets.—Amanda Mahuke, Kelseyville, Cal.

DEAR CADETS: I have just finished reading the Cadet pages in our paper received today, and they are the best yet. I noticed that two or three spoke of coming west to teach; but the editor does not seem favorable to that because of breaking family ties. But the break must come sooner or later and I think the sooner the better. I wish I could get out and shift for myself now. I have among my friends many eastern people, especially from Ohio, my father being from that state. From their stories of the east and my knowledge of the west, I think it would be profitable for all who can to come west for six months or a year, or more. I am 21 years of age, and am taking a college course in electrical engineering, but I hope to become an architect. My parents own a 400-acre farm near here.—J. K. Truman, Bozeman, Montana.

We have no doubt that there are good openings in the west, and some find them, but many do not; and we believe in push and enterprise, even though it may sometimes involve risk and daring, but such steps should be well considered before they are taken. Our correspondent does not mean it when he says the quicker home ties are broken the better, else he does not realize what home ties mean.

We now close with names and addresses of writers whose letters we found it impossible to make room for. We assure our Cadet friends that these letters are as good as those printed, and the writers, who are all enrolled as Cadets, deserve the same consideration that others do.

Odessa M. Crowe, Rogersville, Mo.....17
Mildred Maloch, Emerson, Ark.....13
Hallie Smith, Shelby, Ohio.....10
Lorena Leasure, Mt. Hood, Oregon.....17
Catherine Ferris, Knoxville, Pa.....17
Ernest Johnson, Geneva, Ill.....17
Florence Hulbert, Sherwood, Orgeon....11
Ruley Hulbert, Sherwood, Oregon.....13
Ethel Anderson, Howell, Mich.....19
Earl Layne, Cloverdale, Ind.....10
Burton Atwood, Scottsville, Ky. 18
Nora Corbat, Merrell, Mich.....18
Stella Olson, Smolan, Ky.....12
Carrie Sattler, Empire, Mich.....17
Margaret Doubek, Cold Springs, Minn...12
Arthur W. Reinke, Farmhurst, Del.....19
Winfield Gove, Canterburg, N. H.....12
Erma Gildner, Mishawaka, Ind.....12
Marie Dunlap, Moundsville, W. Va.....16
Mary Mauler, Tulare, Cal.....13
Laura May, Bellmore, Ind.....12
Dollie Williams, Grimes, Okla.....12
Dewey Kerr, Greenback, Tenn.....13
Nelta Schriefer, Madrid, Ind.....17

SPECIAL LETTERS

Minnie Sincebaugh, West Danby, New York, writes:

"I sent in a club of 10 subscribers last December. I also sent a letter to be printed in the paper. I have watched for it ever since, but have not seen it. Suppose it was overlooked."

No, Minnie, your letter was not overlooked; none of them are; but it happened to be one of those that came at a time when our space was full. But it made you a Cadet, your Cadet number being 735; and your club of subscribers made you a Pioneer of Equity.

The following is also from a second letter written March 17:

"The weather is fair and the farmers are busy plowing in this county. Housecleaning is the topic of the women folks, and playhouses for the girls. The boys are out with hook and line, and pockets filled with bait. The ball and bat and catching gloves are flying in the air. There is always a noisy time when the boys can be about. I am a reader of Up-to-Date Farming, and think there can be no better paper; there is so much beneficial information to be obtained from it, and the Cadet letters are so interesting.—Thomas Brant, DeSoto, Ind.

ANOTHER LETTER FROM NELLIE TIPTON

Nellie Tipton is certainly a grateful little girl, and so many of our readers express pleasure in reading her letters, that we give the following as her latest. Of course, we can not print it in our regular Cadet department, as our space there must all be saved for new Cadets. We have the new picture referred to, and it is a fine work of art, a picture everybody that knows the history of little Nellie would be glad to have:

DEAR CADET FRIENDS: I thank you all for your kindness to me, and I assure you that I have had the happiest birthday I ever had. I received several presents and 51 letters and 66 postals this week, also $14 for my piano fund, making a total of $67. I must tell you about my new wheel chair that Mr. W. I. Brown, of Lisbon, Ohio, made me a present of. I thank him very much. It enables me to move about more naturally than anything I have ever found since I became paralyzed. I have had my picture made in it with my violin. It is much better than the others I had, and I can send it post card size for 25 cents, and photo, 6 by 9 size, for 50 cents, all to be added to my piano fund. My health is good, but my legs are no better. Yes, dear little girls, I love to get your letters and cards, but I can't answer them all; I answer all that send return postage.

I spent my birthday at home with a few friends that came to spend the evening with me. They brought their music, and we had a lovely time playing together. They brought me presents and helped my piano fund also. The dime shower has also been a great help to my fund. Thanks to all who are helping me, and to Mr. Everitt and his good paper for the happiness you have brought me.—Nellie Tipton, Maryville, Tenn.



Discouraged

The expression occurs so many times in letters from sick women, "I was completely discouraged." And there is always good reason for the discouragement. Years of pain and suffering. Doctor after doctor tried in vain. Medicines doing no lasting good. It is no wonder that the woman feels discouraged.

Thousands of these weak and sick women have found health and courage regained as the result of the use of

Dr. Pierce's Favorite Prescription.

It establishes regularity, heals inflammation and ulceration and cures weakness.

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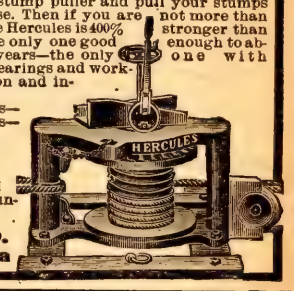
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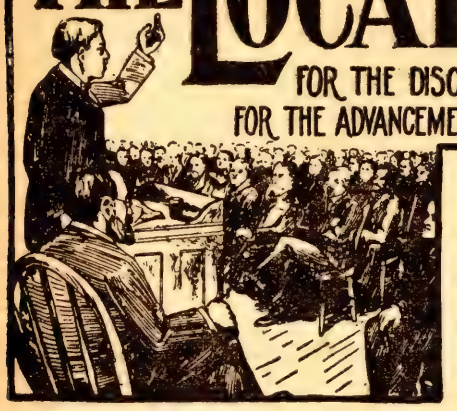


A CART LOAD OF FUN

This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed. Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price. If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Potts and the Lightning-Rod Man," "How to Go-a-Courting," Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Biff," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide." "Queerly Married." "Hannah was Aroused." "How the Tired Patient Man had His Feelings Upset," "Jone's Baby," "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. COONER & FORTUNE CO., Indianapolis **FOR 10 cts**

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is "*To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressive ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



of the Farmers' Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

Read the "Question Box" in this issue.

—o—

The two letters there, one from Pennsylvania and the other from Maryland, are examples of hundreds of letters we receive. The bulk of our correspondence is of this nature.

—o—

The same problems confront the people in every community where any farm crops are produced to sell. It is not confined to points either that produce to ship away, but producers for local markets often fail to get sufficiently remunerative prices.

—o—

That organization and co-operation in marketing is the solution of the problem every person will concede. But there are many people who think that benefits can not be realized short of a broad, comprehensive organization—nation wide, or covering a district producing a certain crop, or comprising all the districts producing a certain crop.

—o—

The nation-wide organization—one organization for the whole country and for all the crops—is the Equity idea. But the Equity plan makes it unnecessary to wait until the Society is fully developed—completed—before it gives benefits. There is not an agricultural community in the country, where crops are grown to sell, but can reap immediate benefits, as soon as local organization is effected.

—o—

This is one of the most valuable features of the plan, but is not generally understood. Therefore we want to explain and make it perfectly plain. It will take time to complete the organization all over the country, but ten or more farmers can get together and organize a local union at any shipping station, no matter where they live, and with the directions from headquarters can reap immediate financial and other benefits.

—o—

To illustrate: In every town are buyers of farm produce, and in harvest seasons buyers are sent out from city houses who visit the producing districts. These people receive probably 99 per cent of the produce from the farmers that is sold, such as grain, hay, cotton, fruit, potatoes, vegetables, wool hides, poultry, butter, eggs, etc. They buy from various farmers and hold the stuff until a carload or other considerable amount has accumulated, when it is shipped to some city market for immediate consumption or storage, depending on the demand.

—o—

But we will not follow the stuff through all the intricacies of marketing. This will come in our article, "System and Cost of Marketing," that will begin in our next issue. Our purpose now is to show how a local union of the Farmers Society of Equity can be made of immediate and great financial benefit to any agricultural community.

—o—

There are three reasons why the present system of marketing at country points obtains. One is that the individual grower does not usually produce enough of the crop to market it advantageously to the final market; another reason is that he has not the business training to do it and the third is that there has not been any way that would enable him to wisely select markets without such an amount of details that his volume of shipping would not justify. May we not conclude if these three objections can be overcome that practically all the reasons for letting the local buyers toll his produce, will cease to exist?

—o—

Where there is a local union of the Farmers Society of Equity not one of the three reasons remain valid. Let us assume that 100 farmers have been in the habit of marketing their produce at R——. selling it to local, resident buyers, or delivering it to that station for transient buyers. That was the best they could do for the three reasons already given. But these 100 farmers have organized a local union of the Farmers Society of Equity. Of course, they selected a secretary and have a meeting place and should have a wareroom. By rules of the local union certain days are agreed upon when butter and eggs will be brought in, and all the members bring theirs on those days. It may be once a week or oftener. If vegetables or fruit are among the products they will probably be delivered daily during the season. For grain, hay, potatoes, cotton and such staples, the secretary will notify the members when a car is to be loaded, or the local union may have elevators and warehouses in town to store their crops and make them independent of hauling when the roads are bad.

—o—

Take butter and eggs: Instead of each farmer turning them over to the local buyer all of them take them to the local union warehouse and turn them over to the secretary, The secretary has received in his morning mail, or by wire, reports of the various Equity System markets and he knows where the best demand and the highest price is being paid. Accordingly they are shipped to that market. In a few days settlement comes back, at the final market price, for distribu- to the members.

—o—

If fruit or vegetables, or grain, hay, cotton, potatoes or any other crops are shipped the operation will be very similiar. The advantages will be the saving of the toll exacted by the local buyers, which oftentimes is a very considerable sum as patrons of the Equity System soon learn; better grading, and better markets than the local buyer can hope to get, because none of them has such an organization and system back of him as the local unions of the Farmers Society of Equity have.

—o—

To make the development of the Farmers Society of Equity system clear we have had the map of the United States made (see next page). Each black spot represents an Equity System market. On each market is a representative of the society who reports the market to headquarters and will do the same for any local or county union. Headquarters will then direct the shipments, or county and local unions may select their markets if they prefer. None of the representatives buy produce, therefore, they are not interested in getting it as cheap as possible, as the local buyer is, but their concern is to get the most money possible for the shippers.

—o—

About all the extra expense attached to this plan, over the individual system of marketing is the nominal membership fee and the secretary's salary. Even this latter the members can avoid paying. In nearly all large markets the rate of compensation for handling produce is fixed by an ordinance, or by an association of handlers. This

Rally Days

Let's have **RALLY DAYS.** We mean days when each subscriber will get a club of five new subscribers—$1.00; when each member will get another member-at-large—$1.00; when each organizer will organize an extra local union; when each present local union will go to a neighboring town and organize another; when every farmer who wants better living and business conditions on farms will give the cause a boost. Let the first rally days be **SATURDAY, APRIL 22 and 29.** We depend on **YOU** to help a little on those days.

Next Rally Days

April 22 and 29

APPLICATION FOR MEMBERSHIP AT LARGE

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R.*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

I further agree to attend the meetings of my local union, (when a member of one) to assist in its programs, to talk, praise and promote the Society, by voice, pen, the wearing of the official button and distribution of literature, as may be convenient, to its upbuilding throughout America.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date, for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) and gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?..... *Will you try to Organize a Local Union?*.....

Name of Your Shipping Station .....

rate is usually imperative; that is, all produce must be taxed the agreed price or commission. But the local handler may usually share the commission with the person who sends him business. This share of the usual and fixed charge, that can be turned back to the local union, will pay all the secretary's salary and the other expenses of the local and should leave a surplus in the treasury. This is an item of additional profit worth considering.

—o—

The reader should understand that the Equity System is already established in more than sixty-five of the great markets of the country. Any group of farmers who will now go through the simple process of organizing (directions are given on page 20), can avail themselves of its advantages at once. Only a few of the advantages have been referred to here, but they are such as should appeal to every farmer who is farming for money rather than for large crops alone.

—o—

The Equity System has representatives in all the great markets of the country now. And it is possible to extend the system until it comprises every city and town that consumes considerable farm produce, either as food or in factories, and until every bit of produce goes direct to the final market instead of following the intricate, devious and expensive route as in the past.

—o—

Heretofore subscribers to Up-to-Date Farming, even if they were not members of the Farmers Society of Equity, were permitted to use the Equity System of marketing. This privilege is now withdrawn. The System is a proven success. It is the system of the Farmers Society of Equity and it is not fair that non-members, who do not support the Society, should enjoy its advantages forever.

—o—

So, from April 15, 1911, the condition on which the benefits and privileges of the Equity System will be granted is a membership in the Farmers Society of Equity. This may be a membership "at large," fee $1.00; or membership through a local union, fee $2.00. A member "at large" will not be accepted where there is a local union and such member "at large" agrees to join a local union, when one is organized at his shipping town.

—o—

A membership blank is printed on page 20. Fill it out, send it in and prepare to market your 1911 crops and the remainder of the 1910, through the Equity System of the Farmers Society of Equity.

—o—

And we extend an invitation to all local farmers' co-operative associations to connect with this national movement for systematic and scientific marketing. The advantages are so apparent that we hardly need to present any argument. We will, however, say that in the comparatively small part of Colorado that produces potatoes, cantaloupes and peaches, there are about forty organizations, all marketing independent of each other. Also it is clear that they have no reliable knowledge of the yield of the same crops in other states, nor when or where the growers in other states will market. That is, they have not a comprehensive grasp of the marketing problem in their own state and can not have it in districts all over the country that compete with them, short of the Equity System that we have explained.

—o—

It will not be necessary for such associations to disband their present organization, as the Farmers Society of Equity grants local government in all things not in conflict with its constitution and bylaws. Correspondence from such local bodies is solicited.

—o—

To emphasize this point we will report the experience of a local association on the east shore of Virginia. It has been in existence for about fifteen years and has usually been of some benefit to its members in marketing their crops. But it was never able to entirely avoid glutted markets and, in years of heavy production its members' produce often perished for lack of markets. In its report this spring it expressed "The need of a more thorough knowlegde of competing crops and where produced and a more comprehensive knowledge of the markets where demand exists." These things, with the added advantage of direction to the local bodies, the Farmers Society of Equity affords.



The black spots show Equity System Markets. These markets represent probably one-third of the consumption of farm crops, off of farms, in the country. The Equity System is ready to market such part of the produce DIRECT to the final demand in these markets, and enter other markets as the development of shipping justifies.

All Things Work Together

DEAR EDITOR:

I believe President Taft's move to admit Canadian farm products into this country free will prove a blessing to our farmers in the end. This, I believe, will cause our farmers to stir as they never did before. I have thought all along that it would take something more than argument and persuasion. Close the deal with Canada and farmers will be forced to organize for protection and thus ultimately work them a blessing. Let's hope that all things will work together to bring our labors to a successful end.—N. Pierce, Nashville, Tenn.

The Potato Market

From Bangor, Maine, Commercial

Last year about ten per cent more potatoes were raised than could be consumed on the market, but this year there is no proof of a surplus. Aroostook potatoes are marketable from September 1 'round to July 1, and by an arrangement for ice and salt coolers in our cellars like what is used in cold storage apartments, we could keep our potatoes firm and without sprouting clear around to September again. Then by a farmers' union that would arrange to market but one-twelfth of the crop each month, we should never suffer from a glutted market with the largest crop yet produced.

As it is this year we still have three months in which to complete the marketing of last fall's crop or three-tenths of the usual market year still left, and probably not one-tenth of the crop remains to be marketed. The good sledding and generally mild weather has led most of the farmers to market their entire crop, and consequently made a glutted market all winter and ruinous prices.

The consequences of this hap-hazard marketing has resulted in a wide-spread disaster more far-reaching than is generally supposed. Potatoes have sold at about the average cost of production, leaving the farmers nothing for their year's work. One

50 New Brigg's Transfer-Patterns

THE LARGEST ASSORTMENT EVER OFFERED

With a Subscription to The American Woman

We will send this complete assortment of new transfer patterns—containing over **fifty different designs,** and a complete **alphabet** of 26 letters—absolutely free, and postpaid, to every one who will send us **25 cents for a year's subscription to The American Woman.** This is one of the most popular household, home and family magazines published. Its short stories and intensely interesting serials are a treat for all. Its departments and editorials help all. In short, it is a magazine that all enjoy.



This set can be used for making more than **100 different articles** and would cost you about **$5.00** to have stamped at your dealers.

These are the easiest patterns to use ever made, which accounts for their great popularity. By simply placing a hot iron on the back of the pattern, the design is transferred to any material.

Read the following list of articles. You will see that it is an assortment that **every woman can make use of,** one that **every woman needs.** The same design may be used for a great many different articles that will suggest themselves to every woman, once she has the assortment.

The illustration can show but a few of the articles, but just note what **exclusive and beautiful patterns** are shown. They are exact drawings from garments made from these patterns.

Shirtwaist-Set, consisting of Waist-Front, Collar, Cuffs and Belt to be worked in Eyelet-, French or Solid Embroidery.

Hat, to match the above waist.

Set of Sprays for Underwear, Shirtwaists, Children's and Babies' Clothes or Fancy Articles: comprising Roses, Violets, Forget-me-nots, Buttercups, Wild Roses, Daisies, Strawberries, etc. To be worked in the embroiderer's favorite stitch.

Picture-Frame for regular-sized photograph. To be worked in Outline, Solid, Wallachian or French Embroidery.

Set of Star Emblems for use with the Anchors, and for Fancy Articles. To be worked Solid or in Outline.

Princesse Waist or Dress and Skirt, Comprising two distinct panels to be Braided with Soutache, Rat-Tail or Coronation-Cord.

Set of Wreaths and Corners for Handkerchiefs, Table-Covers, Cases, Baby Pillow, Sachets, and to Enclose Initials.

Chatelaine Pocket, to be worked in French and Eyelet- or Solid Embroidery, Edge to be Buttonhole-Worked.

Shirtwaist-Set, consisting of Waist-Front, Collar, Cuffs and Belt to be Braided with Soutache, Rat-Tail or Coronation-Cord.

Hat to match the above waist.

Set of Jabots and Tie-Ends, comprising Two Jabots and Four Tie-Ends to be worked in French, Eyelet- or Solid Embroidery.

Baby's Bibs and Yokes for French, Eyelet- or Solid Embroidery.

Set of Anchor and Star Emblems for Ladies' Sailor-Blouse, Children's Sailor-Dress or Boys' Shield. To be worked Solid or in Outline.

Dutch Collar, latest style, to be worked in French and Eyelet- or Solid Embroidery.

Complete Alphabet of New Fancy Letters, Suitable for Marking Underwear, Handkerchiefs or Fancy Articles, and may be Enclosed in Wreaths previously described.

Work-Bag, to be worked in French and Eyelet- or Solid Embroidery.

Chemise, Corset-Cover and Yokes, Back and Front with Flower-Sprays. To be worked in French, Eyelet- or Solid Embroidery.

This set was made up specially for us and cannot be obtained elsewhere. The patterns are easily transferred to any material, and the garments may be made and cut in any style the wearer chooses. They are used for Ladies' and Children's Garments, Household Linen, and Fancy Articles. Don't fail to get this outfit. GET IT NOW.

THE AMERICAN WOMAN, Augusta, Maine

NEW METAL ROOFING

GALVANIZED AND PAINTED

$1.50 FOR 100 SQ. FT. AND UP



WE PAY THE FREIGHT

to all points in the United States east of Colorado, except Oklahoma and Texas. Quotations to other points on application.

Satisfaction guaranteed, or money refunded. We ship this roofing C. O. D. with privilege of examination if you send one-forth of the amount of your order in cash.

Acknowledged the best Roof covering manufactured. With ordinary care will last for many years. Thousands of satisfied customers everywhere have proven its virtue. Suitable for covering any building, also used extensively for ceiling and siding. Fire Proof and Lightning Proof.

We have two grades--Galvanized and Painted:

Galvanized: Our grade No. 18 rust proof Galvanized Steel Corrugated metal covering (like illustration). Sheets 4 feet to 8 feet long. Price per square of 100 square feet..... **$3.25**

At the same price we will furnish in "V" crimped standing seam roofing, or imitation siding.

Painted Steel Roofing: **$1.60** is our price for 100 sq. feet of our grade No. 10 flat painted, steel roofing.

We can furnish this same grade, painted No. 10, corrugated "V" crimped, Stand Seam, Steel Roofing, per 100 square feet..... **$1.95**

WRITE FOR FREE SAMPLES, ALSO ASK FOR OUR ROOFING CATALOG No. N. K. 204

A valuable book filled with information regarding all kinds of Steel Corrugated and Ready Roofing. Explains how easily this material can be applied to the roof, also describes our complete stock of fancy metal ceilings—quotes our low prices on Sidings—Eave Troughs—Down Spouts— Etc., Etc. Write us to-day.

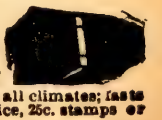
CHICAGO HOUSE WRECKING CO., 35th and Iron Sts., Chicago.

ALFALFA SEED

Greatest money-maker farmers can grow. Get started now. Alfalfa is the plant of wonderful vitality and drouth resisting qualities. Price $12.00 bu. Bags extra 20c each.

O. K. SEED Store, Indianapolis, Ind.

X-RAY KATHODOSCOPE. Latest pocket curiosity Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver **Alden & Co., Sta. A, Indianapolis, Ind**



1911 Campaign F. S. E.

Michigan State Meeting

Grand Rapids, April 27, 1911

Headquarters at Hotel Cody

The first of the series of State meetings is given to Michigan and will be held at Grand Rapids, beginning April 27, next, and will continue as long as necessary. The meeting place can be learned at Hotel Cody. Local unions of the Farmers Society of Equity in Michigan should send one or more delegates, but the representation at this meeting will not be confined to members. We want every county in the state represented. Actual farmers, land owners and renters are urged to attend the meeting and others who will honestly help to improve the system of marketing farm crops and loyally fight for farmers' protection and welfare are also invited to come.

OBJECTS

The object of this meeting is:

First: To protest against the proposition to admit Canadian farm produce into the United States free; or if the law is enacted, then to compel its repeal in 1912 through united action by the farmers.

Second: To inaugurate an organizing campaign for the whole state so that the farmers of Michigan may co-operate in marketing their 1911 crops, and

Third: To explain to the farmers of Michigan the Equity System of Marketing, instruct them as to the use of it ,and secure its greater use.

The officers of Michigan state union are:

President, David Roush, Traverse City; vice-president, Frank Kidder, East Jordan; secretary, Chas. A. Edgecomb, Traverse City; directors, W. W. Beaman, Empire; Perry Fouch, Old Mission, and Chas, Masten, Sherwood; state oragnnizer, John Belanger, Provemont.

Obtain further particulars from the officers, or from headquarters of the Farmers Society of Equity, Indianapolis, Ind.

J. A. EVERITT, President F. S. E., will be at this meeting.

Other State Meetings and National Convention

As rapidly as arrangements can be made meetings will also be announced through this paper for the following states. The order in which they will be called depends on the interest shown by farmers in the various states, which will be revealed by the coupons (see below) that are returned.

ARKANSAS, CALIFORNIA, COLORADO, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, MAINE, MINNESOTA, MISSOURI, MONTANA, NEBRASKA, NEW JERSEY, NEW YORK, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, SOUTH DAKOTA, WASHINGTON AND WISCONSIN.

The Annual National Convention of the Farmers Society of Equity Will Convene at Indianapolis, Ind., on October 23, 1911.

Farmers can not protect themselves and secure their rights short of co-operation; they can not co-operate until they are organized; they will not organize until they are educated—shown how. Therefore, the State meetings. At these meetings every county must be represented. Plans will agreed upon and the delegates will carry them to every section of the State and start the education and organization in co-operation with the State and national headquarters.

So a coupon is printed below. Nominate two or more people who should attend your state meeting. We will correspond with all people nominated to secure their attendance and co-operation. Be sure to give county.

THIS IS THE COUPON—FILL OUT EACH LINE

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I nominate the following people to attend the meeting when held in my state:

1. Name ..... P. O. .....County.....
2. Name ..... P. O. .....County.....
3. Name ..... P. O. .....County.....
4. Name ..... P. O. .....County.....

My Name ..... My Address .....

Are you a Member of F. S. E.?..... Will you attend the meeting? .....

may think that these low prices help the consumers, but such is not the fact. The consumers, for the most part, live by the wages of their employment. If the farmer has no money with which to buy machinery, paint or repair his buildings, buy new clothing, fertilizer, etc., then the great army of clerks, mechanics and laborers who furnish the supplies to prosperous farmers, must soon find themselves largely out of a job or on shorter wages. So where the city consumer thinks he gains by getting his food from the farmer at cost or less this winter, he finds himself at least that much shorter next winter in his income.

The farmer is really "the goose that lays the golden eggs" and whatever tends to cripple or destroy his success, materially injures the whole human race.

The country prospers only when the farmer prospers and in just that proportion. Had the farmers received an average of $1.25 per barrel for their potatoes and an equally good price on all other crops, the farmers of the United States would all have been prosperous, which means that the entire country would be glowing with prosperity.

The whole country is not suffering because of any over-production during the past year, because there has been no overproduction. But owing to a want of organization among farmers, and intelligence and order in marketing, coupled with good traveling and a low temperature in winter, the markets have been kept over-crowded with products and there is no way to control hap-hazard marketing but to cut and cut the prices until farmers will check themselves in the rush of their shipping. Had the New England and New York potato crop been marketed at the rate of one-twelfth of the crop per month, from July 1 to July 1, there could have been no glut, and the normal price would have averaged above $1.25 per barrel instead of 80 cents.

The price on the farmers products is not made on the amount of the annual product as is generally supposed. The price is made new every day by the board of trade in the city, and governed solely by the amount of products in that city that morning, that is demanding a market. If there is not enough in sight in the city that morning to supply the demands of that day, there will be a sharp rise in the price, and experience shows that this rise in price will bring in an increased supply.

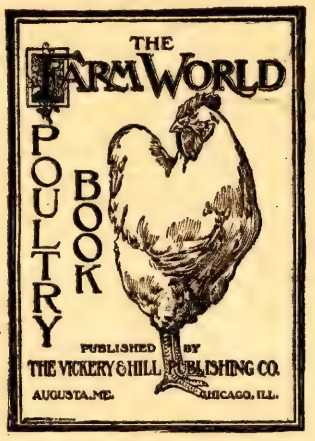
If the products in sight (in freight cars and in storehouses), in the city that morning are more than the day's demands will consume, the board of trade will drop the offering price in proportion to the surplus or glut. Experience shows that this dropping of price tends to check the farmers in their shipments, and tends to encourage a larger buying of the cheap surplus, and both together tends to relieve the market, so city dealers have less to rot on their own hands. It is the only method of self-defense and self-preservation that the cities have; this board of trade practice of regulating their offering price every day by the goods in sight that morning.

Farmers need to get acquainted with the causes of fluctuations of city prices and then organize to govern their shipments with intelligence. The Farmers Society of Equity with its national headquarters at Indianapolis, Indiana, has mastered the art of intelligent marketing and has planned to make strenuous efforts this year to organize New York and New England and farmers will do well to give them an attentive hearing and make some effort to get out and read their literature.

When Maine raises 20,000,000 bushels of potatoes and sells them for $10,000,000 and then striving to better itself raises 29,000,000 bushels and sells them for $8,000,000, it looks as though there was a screw loose somewhere.

It would be indeed a society of equity if it can evenly and justly market the food products, hides, cotton and wool to feed and clothe the people in a manner that will maintain an even prosperity for the whole people.—C. S. Griffin, Kingman, March 27, 1911.

DO YOU KNOW



That the American Hen Produces Every Year as Much Money as the Wheat Crop?

When Not to Feed Meat and Milk to Poultry?

What Causes a Hen to Lay Small, Yolkless Eggs?

How to Get the Largest Profit in February?

What Kind of Hens are the Best Egg-Producers?

How Many Eggs to Give a Sitting Hen in March?

How to Pick the Best Eggs for March Hatching?

THIS BOOK WILL TELL YOU

The Farm World has always given a portion of its space each month to the Poultry Department, and every year devotes one number to a broader treatment of the subject. Therefore we are particularly well provided with competent poultry-writers, and it is fitting that we should publish a book.

The book itself is very attractive. It is made up of **sixty-eight pages** 7¼ by 10¼ inches, printed from the best type on good **heavy white paper** with a **cover in three colors,** the whole being firmly wire-stitched. **The illustrations**—and it is profusely illustrated—of the various breeds of fowls are **accurate** and **true to form,** and the drawings of poultry-houses and appliances are very simple and easy to follow. It covers the **Breeding, Care, Management and Marketing of Poultry of all kinds.**

A poultry-raiser in Massachusetts writes: "Really, of all the literature which I have received on the subject (poultry-raising) I have liked your Farm World Poultry Book the best. It seems plainer and more common-sense."

The contents are not written for the poultry-fancier who breeds show-birds, but for the man or woman on the farm and those surburban dwellers who are engaged in poultry-raising for pleasure and profit. The book is not a technical treatise but contains a vast fund of practical, sensible information, not only for those who know something about the poultry business but for the beginner who may be counting his chickens before they are hatched. One chapter in particular is deserving of mention. It tells you **what not to do, what to do, and what to watch out for** during each month of the year in caring for your flocks. The editor gives five pages to these hints and warnings, and every poultry-raiser will increase his income by following them.

A careful study of the contents of this volume and intelligent application of the methods presented will enable any man or woman to make a profit out of the poultry-yard and provide useful and pleasant employment.

THE FARM WORLD Is now in its fourth year and has demonstrated to its 200,000 subscribers that it is a **practical, up-to-date farm paper** and of value to every member of every modern farmer's home. It is edited in that great farming section, the middle west, by Mr. C. M. Shultz, a practical farmer himself, and is published in Augusta, Maine.

OUR OFFER TO YOU

Upon receipt of 25 cents we will send you, prepaid, this new illustrated Poultry Book, and will enter your name upon our subscription list for one year.

You will then receive 12 large numbers containing almost 400 pages of interesting and valuable farm, garden, stock and poultry articles. A sample copy will be mailed you cheerfully upon request. Address your order to

SUBSCRIPTION DEPARTMENT

THE FARM WORLD, - Augusta, Maine

Use This Coupon or Write a Letter Like It.

The Farm World, Augusta, Maine.

Gentlemen:—I enclose 25 cents for which you are to send me your new 68-page Illustrated Poultry Book and enter my name for a year's subscription to The Farm World.

Name .....

P. O. .....

County .....State.....

This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *We have at present in our community three farmer clubs with a membership of about 100, and increasing daily. We feel the need, very much, of ammunition to further the cause of co-operation, which, we believe, is the most important of all farm problems. I understand the editors of Up-to-Date Farming have given this subject a great deal of study. We need help from somewhere. Just the kind we don't know, but if you think you understand our problem and can advise us we will be glad to hear from you.—R. M. Forringer, Clarion Co., Pa.*

ANSWERS You applied to the right place. Your problems are every farmers' problems in every community in the country. We HAVE studied them and have been furnishing formulas and solutions for them. We are glad to send them to you and will do the same for all who apply.

By this mail we send you copies of Up-to-Date Farming, Farmers Industrial Freedom book, and constitution and bylaws of the Farmers Society of Equity. We also recommend you to send 25 cents for a copy of "The Third Power" book. We also send "Charter Members" blanks and strongly urge you to organize a local union of the Society at your shipping station, as your business problems can not be worked out short of it.

Q. *In looking over my late father's papers I came across some literature of the Farmers Society of Equity. I don't know whether your system is what we need here, but I do know that we are very much in need of better marketing plans. We can raise plenty of stuff, but in many cases we get very little, or nothing for it. Thousands of crates of strawberries, thousands of bushels of canteloupes and thousands of watermelons rot on the vines every year because they can not be marketed profitably. So if you have any suggestions to offer the farmers here we will receive them gladly.—E. B. Plew, Somerset Co., Md.*

A. Your remedy lies through the Farmers Society of Equity and its System of Marketing. Organize in local unions and let us help you through the Equity System. The membership fee is $2.00. Refuse to organize and you will save $2.00, but don't you see you are losing hundreds of dollars every year in those crops that rot? We send literature, blanks, etc., and instructions. We also recommend every one of your farmers to read Farmers Industrial Freedom, 10 cents, and "The Third Power," 25 cents, postpaid.

RALLY DAYS, April 22 and 29

PHOTOGRAPHIC DEPARTMENT

The corps of photographers is now working in Adams county, Nebraska, with headquarters at Hastings, and is composed of the following gentlemen: P. J. Swanson, C. C. Dawson, Thomas Campbell, C. E. Black, B. A. Worthing, N. M. Vest, P. C. Harvey. Also the manager, Mr. H. H. Church, is with the field men now.

We have received many photographs of Nebraska subscribers and their homes and stock, a number of which we are anxious to print and will do so as soon as space permits If Mr. Church or any of his men call upon you and ask for the privilege of taking a picture we will greatly appreciate it if you permit them to do so. Also assist them in extending the circulation of this paper.

LADIES SOCIETY OF EQUITY

President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

MEMORIAL DAY SERVICE

Following is a resolution adopted by the Ladies Society of Equity instituting a Memorial Day Service in its order:

Preamble and Resolution

Believing that the memory of the followers and workers for equity should be kept bright and fresh in memory, therefore,

The Ladies Society of Equity has set apart a Memorial Sunday that shall be observed in our Society each year. To this end the last Sunday in June is named, when the members of each local shall meet and proceed to decorate the graves of their deceased members and friends with flowers. The ceremony should be accompanied with singing and an address.

We also urge our brothers in the F. S. E. to follow our example and observe the same day.

June will soon be here again and in the twelve months that have passed some members of the Society have died, so, conforming to the beautiful custom adopted let us who have not been called observe the next memorial day so that the lives and works of our departed sisters and brothers may be kept ever fresh in our memory. With loving hands let us solemnly place flowers on their graves, and ever keep in mind that the same loving offices will be done for us when we have joined the ranks beyond.

Mrs. James Howey,
Pres. L. S. E.

GREETING

TO THE MICHIGAN LADIES OF EQUITY:

DEAR SISTERS: I have been slow in sending you greetings but it is none the less sincere at this time. You are in my thoughts daily.

To my unbounded surprise and consternation I was elected your President at the last convention. I feel keenly my lack of ability to fill so important an office, but where I lack in knowledge I will endeavor to make up in zeal for the cause.

I feel that this organization is one of the grandest conceptions of the twentieth century and that its influence will be felt the world over, in years to come, wherever a tiller of the soil may dwell.

I need the loyal support of every member. Let us study how to improve the Society, how to enlarge its membership, how to make the local meetings of interest and benefit to the community. Let each member consider herself a committee of one to further the work of the Ladies Society of Equity until it becomes a power for justice and right. I would be glad to hear from the president of each local or any lady interested in the Society.

MRS. CORA E. SENF,
Pres. Mich. L. S. of E.
R. R. 2, Centreville, Mich.

Have We Got the Right Plan?

DEAR EDITOR:

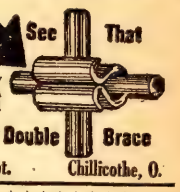
I have belonged to the ——— for sixteen years and in all that time I have not heard the question asked by officer or member, "Have we got the right plan?" I can not help but see that, although the ——— has existed for forty years, farmers are in greater need of protection and a business system for profits than they ever were before. This ought to be the best evidence the plan is not what we need. I am going to say right here and now that the present day farmer is not so dense that he can't see these things. We need a plan of co-operation to market our crops that does not turn our entire business over to the middlemen, leaving us to do all the work. We don't need so much "buy cheap" as we need "sell right" in our organization. The plan of the Farmers Society of Equity is the only practical and satisfactory plan ever given to the farmers, is my conclusion.—J. D. R., Schwenksville, Pa.

All farmers are asked to investigate Farmogerm. It is the new way to fertilize. Use the right bacteria (germs) in the soil and they withdraw nitrogen from the air. Read all about it in book A-J. It is free. Earp-Thomas Farmogerm Co., Bloomfield, N. J.

DRUMMOND FENCE LEADS!

WHY

No wraps, no twists to injure galvanizing. The Big Wire Heavy Stay Kind. Extra Hard High Carbon Coiled Spring Steel Wire, heavily galvanized, easy put up. For Strength and Endurance it's the Fence you will Eventually buy. Now is the time. Save money. Free Sample. Catalog and Wholesale prices.



DRUMMOND WIRE FENCE CO., Dept. Chillicothe, O.

Names! Names! Names!

Send us the names of your neighbors and friends who do not take this paper, with 10 cents each for a three months' subscription. The campaign of education must reach every farmer in the country as rapidly as possible. Send us the names and we will do the rest. Make it at least a club of five for 50 cents.

Names! Names! Names!

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

AGENTS: 100 per cent profit. New patented awl. Sews harness, shoes, grain bags, anything. Sample free to workers. A Mathews, 1282 Third St., Dayton, Ohio.

AGENTS WANTED to sell mottoes. Send for catalogs. F. H. Arnesen, 1864 N. Leavett St., Chicago.

SALESMEN wishing to earn three to five dollars per day, write for terms immediately. First National Nurseries, Rochester, N. Y.

WE NEED SALES SOLICITORS—Good opening for right parties selling Marinette County, Wis., farm lands. Write for particulars. Skidmore Land Co., Box 56-A, Marinette, Wis.

Farm Lands For Sale

CENTRAL MINNESOTA—100 improved farms, low prices, easy terms, "Good Title Always:" write for list; mention this paper. C. D. Baker, Fergus Falls, Minn.

FARMS, RICHEST VIRGIN. Soil—Black, deep, inexhausable; yields 150 bushels corn per acre and 25 per cent profit. Write Box 7U, Sullivan, Ind.

GREATEST GRASS and clover country on earth. Write for new booklet. Skidmore Land Co., Box 56-A, Marinette, Wis.

OWNER WILL SACRIFICE a 60-acre unimproved farm in Washington Co., Ala., near Miss. line, right on railroad. One mile from town. Best land in the country for truck raising, tobacco, corn and potato growing; will produce three and four crops a year. All good high land; no swamps; no stones; no blizzards; no long freezes. Land right next to this and no better in any way is selling right now for $25.00 an acre. Will sell at a big sacrifice for quick all cash deal. Write for particulars. J. B. Fentony, Indianapolis, Ind.

Farms Wanted

FARMS WANTED: Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 71 Palace, Minneapolis, Minn.

TO SELL YOUR PROPERTY, write Northwestern Business Agency, Minneapolis.

WANTED FARM, well situated; from owner only. State particulars. Box 754, Chicago.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

A SILVER PRESENT given free to every lady answering this advertisement and enclosing four cents postage. Ferris Company, Geneva, Ohio.

DAHLIAS, 20 kinds $1. Other bargains. H Burt, Taunton, Mass.

RICE, NEW CROP, 100 pounds beautiful, clean, white table rice, in double sacks, freight prepaid to your station, $3.85. Safe arrival of rice guaranteed. J. Ed. Cabaniss, Rice Farmer, Katy, Texas.

Help Wanted—Male

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A-839. No obligation. Earl Hopkins, Washington, D. C.

SOUND MEN 21 to 40 YEARS OLD wanted at once for Electric Railway Motormen and Conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Railway Dept., Up-to-Date Farming, Indianapolis, Ind.

MEN WANTED for government positions. Average salary $1,100. Send postal for list of positions open. Franklin Institute, Dept. J-27, Rochester, N. Y.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

ALL LEADING VARIETIES Poultry, Pigeons, Ducks, Hares, Stock and Eggs for sale. 50 page book free. H. M. Musselman, Morwood, Pa.

BARRED ROCK and Indian Runner duck eggs; stock of prize winners, $1.50 per 15. J. W. Powers, Wadely, Ky.

DO YOU STORE EGGS? For 10 cents will tell you how to keep eggs absolutely fresh for a year. Enby Drug Company, 908 24th St., Milwaukee, Wis.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs, Catalogue 2 cents. Missouri Squab Co., St. Louis.

INCUBATOR CHICKENS die by hundreds. We tell how to save them. Send us the address of ten people using incubators and get free, details of how we hatched, fed and raised fourteen hundred incubator chickens. Alva Remedy Co., Alva, Okla.

LOCATE THE LAYING HEN—Weed out the drones with La Fleur Method. New, simple, infallible. Trap nests unnecessary. Circular free. Flower & Co., Bridgeport, Ind.

SILVER LACED WYANDOTTE eggs, $2.00 per 15. Good layers, prize winners. Wortman's Poultry Yards, Leipsic, Ohio.

THREE CHICKEN GAPE worm extractors, 25 cents in silver; guaranteed. Dr. Wm. Hallowell, Johnsville, Pa.

TURKEY EGGS—Narragansett, Bourbon Red, $3 and $4 per 11; M. B. and W. H., $3 per 11. S. Durigg & Son, Armstrongs Mills, O.

Seeds and Nursery Stock

SEED POTATOES—Sound and pure, illustrated catalog 70. Popular Varieties free. Arthur Aldridge, Fishers, N. Y.

MAYER'S PLANT NURSERY, illustrated berry catalog free. Merrill, Mich.

FAT IS FATAL

Fat is fatal to Health, Comfort, Happiness and often fatal to Life.

Let me send you a trial treatment FREE OF CHARGE. You can get rid of your fat safely, surely and quickly



What my treatment has accomplished in hundreds of cases. It will help you! Try it!

E. A. Richards, Ex-Mayor of Holly Hill, Fla., says: "Your treatment cured me permanently, it has been two years since I stopped taking it and have not regained a pound. It also cured my Dyspepsia and I now enjoy the best of health."

Rev. Mary Kimball, 112 S. Jackson St., Janesville, Wis., says: "Before I took your treatment I was subject to violent choking fits and my friends were often afraid I would choke to death. Your treatment has cured all this and reduced my waist six inches and my hips eight inches. My garments now are all so large they seem as if made for another woman."

Mrs. John Bye, Minneapolis, Kan., says: "Your treatment has reduced my weight from 203 pounds to 145 pounds and has al so wonderfully improved my general health. I can do my housework now without pain or the smothering spells I used to have. My husband says it is worth $1000 to him and the children since I used your Kresslin Treatment."

SPECIAL FREE OFFER I have had such wonderful success with my method of reducing superfluous fat that I have decided to offer for a limited time—**free trial treatments.** Hundreds of testimonials on file show that my treatment **takes off fat at the rate of 5 to 7 pounds a week** and what is more, that the fat **does not return** when the treatment is finished. No person is so fat but what it will have the desired effect, no matter where the excess fat is located—stomach, bust, hips, cheeks, neck—it will quickly vanish without starving, exercising or in any way interfering with your customary habits. My treatment is endorsed by physicians, because of its easy, natural elimination of abnormal flesh and its beneficial effect on the whole system. Perfectly harmless; easy and quick results. Rheumatism, Asthma, Kidney and Heart Troubles leave as fat is reduced. **Don't take my word for this; I will prove it at my own expense.** Write to-day for free trial treatment and illustrated booklet on the subject; it costs you nothing. Address Dr. J. Spillenger, Dept 1852 E., 41 West 25th Street, New York City.

Editor's Note: Dr. Spillinger is well known as a successful Obesity Specialist and any statements he makes can be absolutely relied upon. He is licensed and registered by the State of New York.

Pass This Paper to Your Neighbor---Make It Circulate



Volume XIV **MAY 1, 1911** **Number 9**

1911 May 1911

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
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28	29	30	31	F. M. 13th	L. Quar. 21st	N. M. 28th

Up-to-Date Farming
PUBLISHED TWICE A MONTH

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JOHN P. STELLE...Associate Editor

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AN ADDRESS

Delivered by J. A. Everitt, President of the Farmers' Society of Equity, at Grand Rapids, Michigan, April 27, 1911

MR. CHAIRMAN, LADIES AND GENTLEMEN:

This meeting was called for three specific objects, viz:

FIRST

To defeat the proposition to admit Canadian farm products into the United States free of duty; or, if the agreement is ratified by congress then to throw the force of the farmers, combined, against the next congress to repeal the law.

SECOND

To inaugurate a campaign to organize farmers in order to secure protection and better methods of marketing—to establish a marketing system that will make farming as certain for profits, every year, as the best business in the country.

THIRD

To explain the EQUITY SYSTEM OF MARKETING, already in operation, and put it in operation in every county in Michigan.

The "call" further said:

This national campaign (this is the first of 24 meetings) is intended to result in a thorough awakening of the rural masses and a united movement for systematic marketing so that farmers, who labor honestly and diligently, may come into their just reward instead of keeping lean in purse and bin, while unworthy ones fatten on their labors.

As the Canadian—United States reciprocity proposition comes first in the list of objects it shall have first attention.

I shall not go into lengthy details in considering this matter. I will not quote you a lot of figures, which are tiresome to listen to, and which you hesitate to accept until you have had time to verify them. I take it for granted that it is not necessary to submit figures, to this body of farmers, in order to convince you that the admission of Canadian farm produce into this country free will be against your best interests. You are practically a unit on that proposition. I have not talked with a single

(Continued on Page 22)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD
It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.
400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

To Introduce Our Big New

Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanllo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. —Orrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for My friends want to buy.—Mer-G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there. —Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

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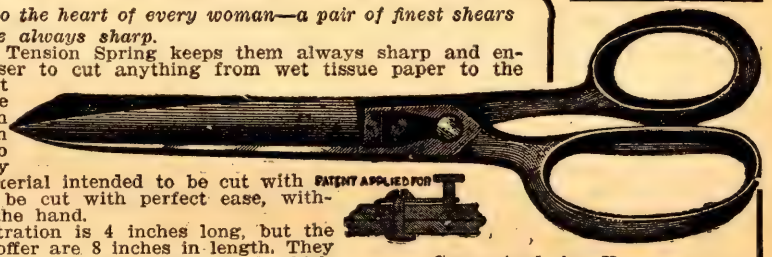
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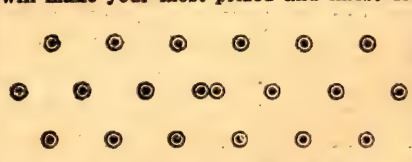
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J. A. EVERITT, Editor, Up-to-Date Farming, Indianapoliis, Ind.

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

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EDITORIAL

The Tariff and the Farmer

UP-TO-DATE FARMING does not care to discuss party questions. As an advocate and defender of the rights, privileges and best interests of the agricultural masses, it has no more interest in one political party than it has in another. But questions that directly affect farmers we are always ready to discuss, no matter what position political parties or the government may assume concerning them.

The tariff is a question of that character, and the discussion of the Canadian reciprocity agreement has given that question unusual prominence. It has awakened the people as to its real meaning and effect.

First: The tariff is one of the means, the principal means, of raising revenue to meet the expenses of the national government.

Second: The tariff is a benefit to those who produce or manufacture articles or commodities in this country on which the import duty is levied. It does not prohibit the importation of such articles into this country from other countries, but it requires the importers to pay a tax on those articles, which prevents them from selling such goods to our people in competition with our producers and manufacturers at as low prices as they could do if they had no tariff to pay. The idea that the tariff is to raise national revenue, is proof that it is not the purpose of the tariff to prevent its importation, for if nothing were imported the tariff could produce no revenue. The object, therefore, is to increase the price of such articles in the United States, but not to stop them from coming. This is the idea of protection to our home industries; it prevents goods coming from abroad and selling to our people at lower prices than our home manufacturers are willing to accept.

Third: The tariff is a double tax, one being levied by the government for the benefit of the government, the other is levied by producers and manufacturers in the United States for their own benefit. The import duty on foreign goods must be paid by the importers and goes into the treasury of the United States; but the duty is added to the price of the article when sold in this country, and those who buy and use the imported article thus pay it back to the importers. As we have said, this tariff tax on imported goods enables our home manufacturers to increase the selling price of their own commodities to the limit of the tariff rate, and thus compel our own people to pay a like tax on domestic products or manufactures. This tax, also paid by the buyers and users of the articles, does not go to the government, but to the home producers and manufacturers. It is, therefore, a benefit to these manufacturers and producers to the full amount of the increase of the price it enables them to charge.

We are not saying these things as an argument against the tariff. Our wise men think it is the best way to raise national revenue, and that it is patriotic to thus protect our industries from the free competition of like industries in foreign lands, even though it compels our own people, mostly farmers and laborers, to pay it all, not only what goes to the government, but the much larger sum that is gathered in by our protected so-called industries.

Our object in this article is to make plain what the tariff is and how it operates. But there is one truth in connection with it that no one can deny, and that is, if it is a good way to raise revenue and a patriotic means of protecting home industries, it ought to be made to apply to all our industries alike. Manufacturers are naturally and humanly in favor of the tariff, and insist upon the highest available rate on their respective commodities. They would be glad if importations were positively prohibited so as to give them a closed field entirely without competition, but they realize that would not be good policy, and the government knows it would cut off all revenue. Hence, the manufacturers limit their efforts to the maintenance of rates as high as practical on their goods, and to keeping them down as low as possible on the raw material that enters into their respective manufacturers. In this latter fact is where the injustice and lack of equity comes in.

For instance, farmers are not classed as manufacturers, but they are producers. Other countries are producers of the same crops or commodities our own farmers produce. Whether or not farmers in other countries can produce the stuff cheaper than our farmers can, it is very clear that our farmers can not compete with those other countries and pay the prices they have to pay here for the protected goods they must buy. Hence, the farming industry should be protected the same as other industries are.

But most commercial farm products are raw material used in various manufactures. The manufacturers want the raw material as cheap as they can get it. They are, therefore, opposed to duties on farm products, and as a result less tariff protection is given to farming than to any other national industry. This brings us face to face with the reciprocity agreement. True, it applies only to Canada, but Canada is the only dangerous competitor of our farmers. Previously United States farmers had a little protection from Canadian produces, but the reciprocity agreement wipes that all out though it accords protection to manufactured goods. We quote the tariff rate on Canadian live stock: Cattle less than one year old $2 each, cattle worth no more than $13 must pay a duty of $3.75 each; cattle worth $14 or more must pay 27½ per cent of their value. Horses worth $150 or less are taxed by the tariff schedule $30 each; horses worth more than $150, 25 per cent. Hogs are taxed $1.50 each; sheep, one year old or more, $1.50; sheep less than one year old, 75 cents, and all other live animals 20 per cent. The reciprocity scheme takes off all this protection to our stockmen and farmers, and makes free all live cattle, horses, hogs, sheep, other live animals and poultry. It also makes all farm products free. But if the Canadians make meat out of these animals, or flour out of their wheat, or any other manufactured article, they dare not send it across the line without paying a duty. The manufacturers, including the packing houses and big mills, must be protected, but not the farmers and stockmen. If the tariff is a necessary protection to manufacturers, flouring mills and packing houses, it is also necessary to the farmers of the country. It is, in fact, more necessary to the farmers than to the others, for Canada is a greater competitor of agriculture in the United States than it is of any other industry and any president, congress or political party that would take this protection from the farmers and still extend it is to the other classes, shows unmistakably that they are not friendly to agriculture, and thereby forfeit the support of the farming class.

THE MAINSPRING

DEAR EDITOR:

After reading the last edition of UP-TO-DATE FARMING and noting the meetings that have been called, and to be called, and the evidences of things to be done this year it looks to me as if the mainspring is about to be put in the machine of farmers' organization. These evidences have interested and pleased me very much, so I have secured the names of some of our most influential farmers as subscribers to your valuable paper.

S. E. BURGDORF, Seneca Co., N. Y.

American Meat Excluded From Australia

WHILE our President and Congress are doing their utmost to force open the doors of the United States to the herds of Canadian cattle to come in and compete with American stock raisers, other countries are closing their doors against American meat. Australia is taking the most drastic measures. We invite one great British province or dependency to come in and compete freely with our own farmers and drive them out of the market if possible, while at the same time another great British province closes its doors and says to the United States, you shall not sell your surplus stuff over here. We take the following from a press dispatch from Melbourne, Australia:

"For several months it has been an open secret that representatives of the American meat trust have been visiting Australia, ostensibly with the object of extending its operations here. The government is determined to take immediate and drastic action to discourage, and, if necessary, to prohibit its operation in Australia. It is not proposed to wait until the combine secures vested interests in this country."

The effort of that action is easily seen. Our statesmen ask British interests to load us up from the north, while on the south British interests forbid our unloading upon them. An oversupply is the natural result, and an oversupply always forces low prices.

Wonder what our statesmen think of that situation? They regard it as a blessing, the promise of future "good times." They have allowed the trade and commercial combines to build up trusts and monopolies, creating special interests that buy cheap and sell dear. Our national rulers, of course, buy their supplies from these monopolistic combines and pay exhorbitantly high prices for them. The party leaders and bosses that dwell in the cities do the same. The conclusion is that the supply must be short, and the aim is to increase it by letting in the surplus from Canada. That we are driven out of other countries does not concern them, as they look upon it as a means to maintain the extra surplus they wish to create here. Their vision is not keen enough to see through the mountain of stuff that speculation piles up between them and the farmers, nor is it broad enough to look over that mountain and see what the farmers actually produce and the low and unsteady prices they get for it. The only echo that reaches them from the farms is the urging of farmers by the press and the schools to produce more and more. They realize that the farmers with their many discouragements and disadvantages in marketing, fail to produce much more, hence the statesmen and politicians think they are conferring a favor upon all by letting the "more and more" in from Canada. They are entirely oblivious of price. The only price they are concerned in is the price they pay, and that price is made not by the farmers, but by the special interests those same statesmen, including the President of the United States, most faihtfully serve.

We appeal to our country readers who know, and to the press generally that knows the facts but does not care to discuss them, if this is not a fair portrayal of real conditions. We see no remedy but in independent action by the farmers..

20,000

Friends of this paper sending 5 new subscribers each will make our circulation (including present subscribers) a quarter of a million, and every subscriber would realize such an advance on all his crops as to make it pay him a thousand per cent. on the investment. TRY IT.

National Administration

THE people are responsible for national administration. The ballot makes them so. That, indeed, was the object of the ballot as bestowed upon the people of the United States. By means of the ballot the people elect or choose many more officials than those whose names appear on the tickets. The long list of those who fill appointed positions are chosen by those who are voted for on election day, and, whether those appointed are good or bad, the people who elected the officials that did the appointing are responsible.

To be more explicit, those who vote for a successful candidate for the presidency, for the governorship of a state, or for any other office, are responsible for the acts of every person the successful candidate puts in office. This is a broader view of the ballot than is usually taken, but it is no broader than the facts, and the effects fully justify it. Taking this view of it, no more important duty, and no greater responsibility devolves upon the citizen than the simple act of voting.

This consideration of the ballot is timely, not only because it is so lightly considered by many, who, as has been proven, make it a matter of petty commerce and sell their votes for the most insignificant and contemptible offers, but in view of the amazing corruption that has been exposed in high official life. The past few years have been wonderful for the uncovering of frauds in high places.

So early as 1909, in an official report reviewing the connivance of government officials with the sugar trust in defrauding the government out of many millions of dollars, Secretary McVeagh said:

> The study of the causes of the demoralization which has been revealed is still incomplete, but the main causes are evident. It is clear, for instance, that the influence of local politics and politicians upon the customs service has been most deleterious, and has promoted that laxity and low tone which prepare and furnish an inviting soil for dishonesty and fraud. Unless the customs service can be released from the payment of political debts and exactions, and from meeting the supposed exigencies of political organizations, big and little, it will be impossible to have an honest service for any length of time. Any considerable share of the present cost of this demoralization to public revenue, to the efficiency of the service, and to public and private morality is a tremendous amount to pay in mere liquidation of the small debts of political leaders.

Considered seriously that is a most startling statement to come from an official so close to the President, and a presidential appointee, even more so since the things specially referred to pertain to his own department, though the officers thus arraigned were not of his appointment. But the most startling part of the above quotation is the arraignment of "local politics and politicians," "the supposed exigencies of political organizations, big and little," and "the liquidation of the small debts of political leaders." Until these can be taken out of the public service, says Mr. McVeagh, "it will be impossible to have an honest service for any length of time."

Right here is a good place to stop and do some serious thinking. About the strongest chain that binds the masses of the people is party prejudice. Almost every one of our friends who reads this article is allied with some political party, and not a few of them vote the ticket because of the party name printed at its head, rather than from a calm and deliberate choice of the candidates whose names are printed thereon. The candidates themselves, in their rounds among the people, do not urge their own claims, so much as they do the claims of the party. Too many of them prefer that as little be known of themselves as possible. They realize that their only hope of election is to induce the voters to "stick to party." An intelligent voter ought to know without being told that this is the spirit that puts dishonest men in office, men that could not get there any other way. We have often appealed to our readers to not be thus maddened (it really is a species of madness) to support men whom they would not support otherwise, and now Secretary McVeagh warns us that until a different sentiment prompts our votes, "it will be impossible to have an honest service for any length of time."

We wish to appeal specially to farmers, because they are universally regarded as "the great conservative class." They bear more of the burdens of government in proportion to the concessions they receive than any other class. They divide in politics. Some belong to one party and some to another. Do they really belong to the party, or does the party belong to them? The way they are often browbeaten, cajoled and coerced, they seem to belong to the party, but when we think what the party would be without them and of boasted American independence, the party should belong to them.

We want the people to think. Everybody who is worth anything to his country, wants good government and honest service, and Secretary McVeagh tells us what is necessary in order to have it.

What Are the People to Think?

IT IS NOT our purpose to think evil, and we try to discourage such thoughts in others; but many things of a public nature force themselves upon the public mind to an extent that makes it inimical to good citizenship to ignore them. We are just now thinking of the Lorimer contest in the United States senate, with which the papers were full a few weeks ago. Among other public manifestations concerning the Lorimer case was a meeting held at Elgin in Mr. Lorimer's own state, at which speeches were made and strong resolutions adopted condemning the action of the senate in voting that Mr. Lorimer should retain his seat in that august body of the people's servants.

At that meeting in Elgin it is said that Rev. Milton B. Williams, pastor of the First Methodist church, of that city, asserted unequivocally that $625,000 was expended in the senate to secure a majority vote favorable to Lorimer, and that one United States senator received $100,000. The following was given in the papers as the Rev. Mr. Williams' statement:

> "Before I came to this meeting I was called up on the telephone by a gilt-edge Elgin business man—a man who has important connections with financiers of the first magnitude. He was unable to come here, but he asked me to make a statement for him.
>
> "He said that he knew it for a fact that the enormous sum of $625,000 had been spent at the recent session of congress to influence the acquittal of Senator Lorimer, and that this money had been put up by the Standard Oil and other big financial interests.
>
> "The man who made this statement to me said he had gotten his information from financiers who ranked high, who knew exactly what they were talking about. He said he had not a particle of doubt as to the truth of the statement.
>
> "My informant was told by one of the leading men of Chicago, a man who stands at the head of one of the largest businesses in the land, and is close to big men, that $625,000 was spent to retain Lorimer's seat in the United States Senate."

Once more we ask in all seriousness: What are the people to think? It has been charged in the courts and out of them, under oath and in public statements, that Mr. Lorimer's election to the United States Senate was secured by the purchase of votes in the legislature of Illinois. Now it is asserted that the seat thus bought was held by a like purchase of votes in a no less dignified body than the senate of the United States, for in what other way could money be used to change an unfavorable to favorable decision on any question in such a body? Is it true that money was used for that purpose in the senate of the United States, and used successfully? Dare the people believe that it was? Some things are too serious to be believed, and this is one of them. If the senate is thus subject to the purchasing power of money, then is public service a farce, its integrity a myth, the popular ballot a humbug, and the republic a failure. As American citizens we dare not believe such a statement can be true.

But how about those who publicly make the charge, and assert that it is true? If such a thing were falsely told of a citizen, that citizen would have redress in the courts. But here is a body much more important than a citizen, a body whose honor is the honor of the nation, and whose dishonor is the dishonor of every citizen thereof. If the senate be libeled, it is a libel upon the government itself. We demand, therefore, that the parties making these charges be held responsible for them, and that the senate take measures to vindicate itself for the sake of the government and the people if not for the honor of its own members.

In view, however, of the tales which constantly fill the press, of bribery in this legislature and that, in this court and that, and the purchase and sale of votes almost by counties, we suspect the charges quoted above will go precisely as other charges have gone, and passed out of the public thought until something of like startling nature shall again bring them to mind. The safety of corruption and the security and continuation of bad government is in the forgetfulness of the people.

Farmers Weak and Strong

IN POINT of numbers farmers are strong. They cast more votes in our general elections than any other class—they constitute about one-third of all the voters of the country. In a truly representative government, therefore, they ought to have more influence with our law making and governing powers than any other class.

In the extent of their industry farmers are strong. Within the very borders of our cities, almost within the shadow of our most magnificent palaces, adjoining the grounds of our greatest institutions, and virtually beneath the eaves of our most important manufacturing establishments, the soil is tilled, and no corner in all our broad domain is too remote to afford a site for a farmer's home. Wherever our flag is unfurled it casts its shadow on a farm.

In respect to the variety, value and importance of their products farmers are strong. The farmers actually create wealth; other classes only change or modify it, or find it where it is hidden in the earth. No other class or industry produces the amount of value that annually comes from the farms, and no other industry is so necessary to the life and comfort of man and beast. But for farming every mine would close, every mill and factory would shut down, and every railway train would stop to never start again. Without the products of the farms civilization would die, and man and beast could live only in a wild and savage state.

But as to concert of action farmers are weak. Their land is measured by metes and bounds, and they have acquired the habit of confirming their efforts to the acres thus enclosed. As their labor is held within these narrow bounds, their thoughts seldom wander beyond them. They know their living comes from the soil they cultivate and the pastures they maintain, and they seem not to realize that interests important to them lie in the beyond. Thus is every farmer his "own man." In that he feels a degree of independence that appeals to his individuality, and builds within him a sense of pride that blinds him to the fact that other classes sink their individuality in united efforts for privileges and powers even beyond their callings. No class of people are so divided on public questions as farmers are. Impulse and excitement call some of them to one standard and some to another, and when thus rallied they shout for leaders and names without thought as to what the real results may be to them, or of what interests to them may be wrapped up in those results. We say this not to the disparagement of farmers. Long habit and inborn prejudices are hard to overcome, and from example dating far back, they have a trustful confidence in everything beyond cultivation and production.

It is not so with the other classes. They are all of later origin. They were born of more modern demands and live upon privileges. These privileges, special privileges, are the objects of their constant care, and no prejudices influence them away from the guardianship of these special privileges and interests. They unhesitatingly sink their combined efforts to maintain and increase the privileges that give them advantages over the toiling world, especially that part of it which toils upon the farms. It is no wonder that farmers eternally find themselves laboring under such a weight of discouragement.

What is the remedy? This is an age of education. Farmers must learn from the example of others. They must overcome their petty prejudices and cease to worship names without a substance. They must realize that their interests extend beyond the farms, and often center in the courts and the halls of legislation and the congress, and they must know what those interests are and how to secure them. The first thing for them to learn is, that a single farmer, no matter how skilled, industrious or successful, is only a man when national powers and influences stand up to be counted. "In union there is strength" applies to farmers as well as to others, and farmers will never come to their own, will never enjoy rights and privileges accorded to others, will never have an equal and equitable standing in opportunities, protection and business until, like other classes, they unite to make their demands backed by the combined powers of their great calling.

We do not wish to stop here to recount wherein farmers lack in privileges and opportunities enjoyed by others. No other class must sell the products of their skill and labor at prices fixed by the buyers. No other class but can make an approximate estimate of what their year's work is to be worth to them. No other class is subject to material losses by a fall in price while their stuff is on the road from the place of production to the market. The labor of no other class is made the football or plaything of speculation. The authorities would not dare to treat any other class as the farmers were treated in the Canadian reciprocity agreement, taking all protection from the farmers but still according it to other classes. If farmers want fair play, and that is all we ever heard a farmer ask for, they must unite to get it—must unite for production, unite for marketing, and they must teach the powers that be that they can unite their votes when necessary as well as other classes can.

We try to make UP-TO-DATE FARMING the most valuable farm paper in the country to farmers. Thousands tell us we succeed. If you want to help us be sure to mention Up-to-Date Farming when you write an advertiser even tho you see his announcement in another paper, also.

Cold Storage in Indiana

THE people of Indiana, through their legislature, have taken an advance step in the regulation and control of the cold storage business. A law recently enacted prohibits the holding of food products longer than nine months. In case any meat, fish, butter, eggs, cheese, poultry, game, fruits or farm and garden products, or other perishable food products, are left in storage longer than nine months, it is made the duty of the manager of that storehouse to report the same to the state board of health; and the law makes it the duty of the board to inform the nearest judge or justice of the peace that said goods have been stored longer than nine months, and the judge or justice so notified is empowered to order the destruction of the products so held overtime. Eggs that have been held in storage for more than thirty days must be placed in a special receptacle marked "cold storage," and when sold must be taken therefrom so that the buyer may know the fact, and when eggs so held are delivered for consumption they must be thus marked.

Persons conducting a cold storage business are required to keep accurate records of the food products stored, and these records must at all times be open to the inspection of the state board of health, which is authorized to issue license to cold storage warehouses. The state board of health may also inspect the storage plants and the products stored therein.

There are still problems connected with this business, not in Indiana alone, but elsewhere, that may or may not be solved. The greatest evil of the system is that greed conceived the idea of buying up at lowest prices in times of over abundance, and then by means of temperatures below the level of speedy decay, hold the commodities off the market and thus create an artificial shortage so as to compel hunger to pay extortionate prices. And from these high prices, wholly unjustified by supply and demand, the system often puts on the market articles entirely unfit for human food, and the use of which endangers the health and lives of the consumers, but whose bad qualities are concealed by the use of equally harmful chemicals.

It is, at least ostensibly, to prevent these serious evils that laws like the one we have mentioned are enacted; but the public's faith in the honest observance and enforcement of laws has been so rudely shaken as to greatly impair public confidence. Also there are so often found obscured clauses in such legislation that give a meaning unseen and unsuspected until construed by the courts, that make them apply to entirely different classes. This also makes the public more or less distrustful. Besides, storage is a blessing if it could be held to its good uses. Sometimes production is greater than the demand; sometimes it is less.

This naturally leads to irregularity of price, and occasionally to actual want. If storage could be held to its legitimate and beneficent purpose of gathering up and saving the surplus to be released, free from the extortions of greed, to even up the supply in times of shortage, the employment of storage would be a blessing. We do not mean necessarily in widely separated years like Joseph's storage of "corn" in Egypt, but the storage of perishable products for use in the seasons of nonproduction. In all these things there are problems that conservative wisdom must solve, and to their importance we are endeavoring to awaken the farmers, upon whom the ultimate solution of them largely depends.

System and Cost of Marketing

The Old and the New Systems of Marketing Farm Crops Compared

By J. A. EVERITT

FIRST ARTICLE

(Editor's Note: This series of articles was announced in our issue of April 15th. We said then: "Under this head we will print a series of articles which will cover the whole subject of marketing all kinds of farm crops. The series will be particularly valuable as contrasting the excessive cost of the old system, and the uncertainty, or lack of definite results, with the inexpensiveness, the certainty and the uniformity of the new Equity System."

It is hoped this publication will awaken the people to a full sense of the badness of the old system and the goodness of the new, as well as point the way to substitute the new system for the old. It is expected that the series will run in six issues, three months. Naturally, we want the paper to reach the greatest possible number of people during that time. Therefore, we request each present subscriber to send in a club of five, three-months' trial subscribers at ten cents each—fifty cents; or a club of ten for $1.00. This for educational purposes. If not convenient to see your neighbor pay for the club with your own money.)

FINDING A MARKET

In Mr. Andrew's article in the Year Book of the Department of Agriculture, referred to in our original announcement, and which explains the workings of the old system, was this:

METHODS AND COSTS OF MARKETING

By Frank Andrews

Scientific Assistant, Division of Production and Distribution, Bureau of Statistics

INTRODUCTION

"The difference between the amount received for a given product by the farmer and the price paid by the consumer is relatively much greater in some cases than in others. These variations in the expense of distribution are due partly to differences in the number of middlemen intervening between producer and consumer. For some products the trade is so well organized that few intermediate sales are made and the ultimate purchaser is but a step or two removed from the farmer, while for other products the course of distribution is long and costly. The various methods and costs of marketing are illustrated by instances reported to this Department by a large number of farmers and dealers throughout the country, and these illustrations form the basis of this article.

EXPENSES OF DISTRIBUTION

TRANSPORTATION

"The costs of marketing farm produce include expenses incurred in hauling from the farm, freight, commission for selling, storage, inspection, weighing, interest on capital, profits of various dealers, and insurance. To these may be added the losses due not only to deterioration of products after they leave the farm, but also to unequal distribution of shipments resulting in overstocked markets.

"Freight charges vary with different commodities and over different routes, so that conditions affecting one article should not be taken as illustrative of a class. With this limitation in mind, instances of freight costs of three of the most important farm products may be noted, namely, cotton, wheat, and cattle. On the basis of official estimates made in 1905, the average expenses incurred by farmers in hauling cotton from farms to local shipping points was 16 cents per 109 pounds; the average railroad freight rate from these points to seaports was estimated at 40 cents; and the average ocean rate from the United States to Liverpool was 32 cents, making a total freight cost from farm to Liverpool of 88 cents per 100 pounds, or less than one-tenth of the farm value of the cotton. The averages for wheat in the same year were 5.4 cents per bushel for hauling from farms; 11.6 cents for railway charges from local points to all coasts, and an average ocean rate of 9.6 cents per bushel from Atlantic, Gulf, and Pacific ports to England; the total freight cost being 26.6 cents per bushel, or more than one-third of its farm value.

"In the shipment of a number of commodities special expenses in addition to freight charges are incurred. The transportation of cattle requires an outlay for feed and attendance en route. The shipment of a carload of beef cattle from Kansas feed lots via Chicago to London included in 1908 railroad freight charges ranging from $8 to $13 per head, and ocean freight from $6.60 to $7.20 per head, while the feed and attendance en route averaged on the railroad from $1.50 to $2.50 per head, and on the ocean, on account of the longer time in transit, from $4 to $5 per head.

COMMISSION FOR SELLING

"Rates of commission for selling fruits and vegetables may range from 5 to 10 per cent of the gross proceeds of sales. A co-operative organization of farmers is sometimes able to retain part of this selling commission for its own use. The members of one southern fruit association paid for selling their products 10 per cent. of gross proceeds, of which generally 6 per cent was given the northern commission dealer and 4 per cent. was retained in the treasury of the association. There are numerous other instances of commissions based upon proceeds of sales, among which may be mentioned the charges for selling rice at New Orleans and clover seed at Milwaukee.

"For selling grain and live stock at large markets the rates of commission are based generally upon the quantity sold and not upon proceeds of the sales. The rules of the Minneapolis Chamber of Commerce fix the rate for selling wheat, barley, or rye at 1 cent per bushel, corn or oats at one-half cent per bushel, and hay at 50 cents per ton. These rates apply to produce received under usual conditions. About the same charges prevail in other large markets.

"In the tobacco warehouses of Virginia and North Carolina auctioneers' charges are determined by the number and weight of piles sold, and the 'commission agents' who buy hops for wholesale dealers are frequently paid from one-fourth to one-half cent per pound.

A FEW SUMMARIES OF EXPENSE

"In June, 1909, a prominent exporter stated that the approximate cost of marketing wheat from North Dakota or Minnesota to a mill in England was about 22 cents a bushel. This cost included such items as the profit of the country elevator man in North Dakota or Minnesota, commission for selling at Duluth, elevator charges, fees for inspection and weighing, freight rates by rail and water, marine and other insurance, guaranty of outturn, and selling commission at the foreign destination. Very little grain was moving at this time. In the busy season, when lake and ocean freight rates were higher, this exporter estimated the total cost of marketing over this route to be about 25 to 30 cents per bushel.

"The cost of exporting cotton was estimated by a large dealer to average $6 per bale, under conditions existing in 1905. This amount included railroad freight from Texas local points to Galveston, ocean freight from Galveston to Liverpool, marine insurance, office expenses, interest, cartage, and selling commission. At Rocky Mount, N. C., in the season of 1908-09, the warehouse charges on tobacco are reported to have averaged about 5 per cent., and at Danville, Va., about 4 per cent. on gross sales.

THE USE OF CAPITAL

"It is the rule for a farmer to sell his produce for cash, and consequently a considerable amount of money is required to supply those who buy directly from producers. A large part of the cash required to pay for crops is needed in the late summer and early fall, about the time of the grain harvests and the cotton picking. The farm value of the cotton produced in 1908 and of the wheat and corn which were shipped out of the counties where grown amounted to more than $1,250,000,000. This sum gives an idea of the amount of cash required to pay the farmers for the three crops mentioned, and most of it was needed within a few months after harvest. Another use of capital as an aid in marketing is when its possession enables the farmer to wait for good prices. The necessity of selling immediately after harvest often compels the producer to accept low prices.

"A saving in the amount of capital required by a local buyer is affected when he collects promptly for each consignment. One way of collecting promptly is by the use of a draft, to which is attached the bill of lading for a consignment. The draft is drawn on the consignee and may be cashed at a bank. With the money thus received the consignor is enabled to make another purchase. This method of collecting by drafts, to which the bill of lading and sometimes other shipping papers are attached, is in common use in the grain trade, both domestic and foreign, in the marketing of cotton and rice, in selling wool from western ranges, and, to

(Continued on Page 21)



FIVE ROSE BUSHES FREE

Transform your home surroundings into a beautiful garden with the loveliest flowers ever created. These are all roses of rare merit. Each plant is different, but all possessing every attribute to make a perfect rose including entire hardiness. They are vigorous, healthy, one-year plants, quickly forming shapely bushes, giving a fine display of bloom. Each collection is accompanied with special printed instructions how to plant and care for roses.

BLACK ROSE

This marks the highest attainment of the hybridizers' skill and for grace, form and magnificent color, it is supreme in its beauty. The large beautiful flowers look as if cut from the heaviest rich velvet, shading from deepest maroon red to blackest crimson. They are produced in successive crops the entire growing season.

WHITE—KILLARNEY

The wonderful new "Irish Beauty" is carrying off every prize when exhibited and setting everyone to raving over its surpassing beauty and elegance. In habit of growth it is robust and free branching, having an abundance of rich green foliage. The buds are exquisitely long and pointed, unfolding broad wax-like petals into enormous semi-full flowers of pure snow white, which retain their freshness of form and purity of color for an extensive time.

YELLOW—MD. PHILIP REVOIRE

One of the most delightful roses, a color to catch the eye at once, deep apricot yellow, touched carmine. A strong, rampant grower. The fine habit, good constitution and continuous blooming qualities stamp this as a rose of great value, being planted in great numbers by those knowing its merits. One of the showiest roses extant, the open flowers large and semi-double, possessing a delicate apricot fragrance.

RED—RHEA REID

A wonderful new introduction possessing every quality a perfect rose should have. It is a strong healthy grower. Handsome double flowers, which are produced in the greatest profusion all through the growing season and which retain their freshness and beauty for an extensive time. The color is a brilliant, rich red, one of the richest reds in existence, and the fragrance is delicious.

DOROTHY PERKINS (Climbing)

This rose is a most valuable acquisition to the list of hardy climbing varieties. It is perfectly hardy and a rapid, vigorous grower. The rich, deep-green foliage is extraordinarily beautiful. It is extremely free in bloom, producing flowers in immense clusters, each rose being perfect in form and size. The color is an exquisite shade of clear shell pink, deepening to a darker shade near the center.

MY OFFER Send 30 cents and I will send Up-to-Date Farming one year and all five of the rose bushes. In clubs of four or more 25 cents each with the collection of roses to each.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Ind.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the present term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$6 00@7 00
HOGS—At Chicago, per cwt. ..$6 00@7 00
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

Western Receipts of Grain

	April 22	A Yr. Ago
Wheat	433,000	258,000
Corn	429,000	308,000
Oats	383,000	510,000

Advice

Hold wheat, corn, oats and broom corn. Market all the hay, potatoes, cabbage, hogs, cattle, barley and cotton you can as long as minimum prices or better will be paid. Market beans gradually. Stop if the prices go below the minimum.

ONE of the most interesting studies we have made in a long time is the yearly range of prices of grain. We present a table below. This shows the lowest and highest price for "contract" wheat in the Chicago market for forty years and the months when the extreme "low" and the extreme "high" were reached. We will print tables showing the corn and oats market also.

Years	Months the Lowest Prices were reached.	Yearly Range	Months the Highest Prices were reached.
1870	April	$.73¼ @1.31½	July
1871	August	.99½ @1.32	Feb., Apr., and Sept.
1872	November .	1.01 @1.61	August
1873	September .	.89 @1.46	July
1874	October ...	.81½ @1.28	April
1875	February ..	.83¼ @1.30½	August
1876	July	.83 @1.26¾	December
1877	August	1.01½ @1.76½	May
1878	October ...	.77 @1.14	April
1879	January ...	.81⅝ @1.33½	December
1880	August	.86½ @1.32	January
1881	January ...	.95⅜ @1.43¼	October
1882	December .	.91⅛ @1.40	April, May
1883	October ...	.90 @1.13½	June
1884	December .	.69½ @ .96	February
1885	March	.73⅜ @ .91¾	April
1886	October ...	.69⅜ @ .84¾	January
1887	August	.66⅝ @ .94¾	June
1888	April	.71⅛ @2.00	Sep.
1889	June	.75½ @1.08¾	February
1890	February .	.74¼ @1.08¼	August
1891	July	.85 @1.16	April
1892	October ...	.69⅛ @ .91¾	February
1893	July	.54 @ .88	April
1894	September .	.50 @ .65¼	April
1895	January ..	.48 @ .85⅜	May
1896	August ...	.53 @ .94⅜	Nov.
1897	April	.64⅛ @1.09	December
1898	October ...	.62 @1.85	May
1899	December .	.64 @ .79½	May
1900	January ..	.61½ @ .87½	June
1901	July	.63⅛ @ .79½	December
1902	October ...	.67½ @ .95	Sep.
1903	March	.70¼ @ .93	Sep.
1904	January ..	.81¼ @1.22	Sept., Oct. and Dec.
1905	August ...	.77⅞ @1.24	February
1906	Aug., Sep.	.69⅛ @ .94¾	May
1907	January ..	.71 @1.22	October
1908	July	.84½ @1.11	May
1909	August	.99¼ @1.60	June

Two years, 1872 and 1877, the price did not go below $1.00. The lowest price was in 1894, 50c. The highest was in 1888, $2.00. In forty years the price went over $1.00 in twenty-five of them, and over $1.20 in eighteen of them. From 1870 to 1883 inclusive, the price went over $1.00 each year. The price was over $1.00 each year, 1904 to 1910 except in 1906. Years of high prices and years of low prices are grouped as though something outside of wheat and natural causes appear to cause the high or low prices.

RECIPROCITY?



—Courtesy *St. Louis Times.*

The house has passed the Canadian reciprocity measure by a large majority, but we predict it will have a difficult time of getting through the senate, if indeed, it gets through at all. Mr. Everitt's great speech against the Agricultural Schedule, as delivered at Grand Rapids and printed in this paper, will be sent to each senator. This will give them some new things to think about and consequences to face if the senate permits the bill to become a law.

Crop reports are generally favorable except the backwardness of the spring. With good weather from this time forward no ill results, as far as seeding is concerned will result except the oats seeding has been curtailed and some seeded oats perished. This will mean only a trading of crops, because ground not sown to oats will be put in something else.

We will refrain from commenting on the market changes this time, but call the particular attention of each reader to all of the following figures, which tell an interesting story.

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports on April 15, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

The visible supplies of grain in Canada on the same date were as follows:

Wheat, 22,204,000 bushels, which is 828,000 bushels less than two weeks before, and 2,584,000 bushels more than a year before. Oats, 7,191,000 bushels, which is 303,000 bushels more than two weeks before and 822,000 bushels more than a year before.

	April 15 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	37,227,000	—3,620,000
CORN	17,809,000	—2,906,000
OATS	16,301,000	—1,731,000
BARLEY	1,967,000	X 298,000

Statistical Situation of Cotton

The aggregate world's supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending Apr. 14	Apr. 7 1911	Apr. 15. 1910
American	2,785,918	2,914,646	2,573,310
Other kinds	1,154,000	1,155,000	1,229,000
Total	3,939,918	4,069,646	3,802,310

The total visible decreased 290,662 bales in two weeks.

Price, New York, April 22.—Middling upland, 15.10c; middling gulf, 15.35c. This is a gain of 35c a cwt. in two weeks.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on April 22, two weeks before and a year before, as follows:

WHEAT, No. 2, RED	April 22	2 Wks. before	A Yr. before
Chicago	...91 @92	87½ @88½	$1.11
St. Louis	..90 @93	87½	1.09
Kas. City	..90 @91	86 @87	1.08
Cincinnati	.90 @94	86 @89	1.11
New York	.95⅝ @96¾		1.16

MINNEAPOLIS—Spring wheat, No. 1, hard, 98¼ @98⅝c; No. 1, northern, 95@97⅝c. Two weeks before, 99⅝ and 95@96½c respectively.

WINIPEG (Canada), May wheat, 94⅝c; July, 96¼c.

CORN, No. 2, WHITE			
Chicago	....52¼ @52¾	48½ 48¾	62
St. Louis	...51½ @52	47½	63
Kansas City	48¼ @48¾	46 @46½	63
Cincinnati	..55 @56	48½ @49½	61
New York	.. 58¾		64

OATS, No. 2, WHITE			
Chicago	....33½ @34¼	32½ @33	44
St. Louis	.. 35	33	44½
Kansas City	34 @35	31 @32½	43
Cincinnati	..35½ @36	31½ @32	44
New York	.. 39½		46½

Future Grain Prices

Chicago grain futures closed April 22 and two weeks before, as follows:

WHEAT—May, 91c; July, 87¼c; September, 87⅜c. Two weeks before, 87c, 85⅜c and 85½ respectively.

CORN—May, 51¾c; July, 52⅜c; September, 53⅜c. Two weeks before, 48¾c, 49⅞c and 51 respectively.

OATS—May, 31⅞c; July, 31¾c; September, 31⅝c. Two weeks before, 31c, 31c and 31c respectively.

Chicago Produce Market

April 22, 1911.

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market.

POTATOES—Arrivals by cars with comparisons, follow:

	This Week.	Last Week.	Last Year.
Monday	119	87	110
Tuesday	68	109	44
Wednesday	34	40	28
Thursday	24	62	42
Friday	56	73	30
Saturday	52	56	14
Total, 6 days	353	427	268

Market fairly active for Saturday. Sales were at former prices, but the main trading was at 58c. Receivers were more inclined to sell and buyers took hold fairly well. Offerings were liberal and the receipts good. Seed stock was firmer. Demand is good and the offerings moderate.

Sales reported were: Michigans—1 car at 55c, 2 cars at 57c, 8 cars (2 cars sacked) at 58c, 1 car at 60c.

The market was quotable as follows:

Per bu. Michigan, round, white,		
common	$ 53@	55
Fair to choice	56@	58
Fancy to extra fancy	59@	60
Wisconsin, common to fair	50@	53
Good to choice	55@	57
Fancy to extra fancy Dusty Rurals	58@	60
Per bu. seed stock, Ohio	@1	25
Rose	70@....	

NEW POTATOES—Very little change reported in values. An easy undertone prevailed and trade was light. Supply good of Florida white stock, but of red the offerings were limited. Offerings were good of Louisiana red stock in hampers. They were slow on account of being too dirty and not real fine in size.

Barrels, Florida, white	$4	50@....
No. 2	3	00@3 50
Hampers, Florida, red, No. 1	2	00@....
No. 2	1	25@1 50
White, No. 1	1	50@....
No. 2	....	@1 00
Louisiana, red, No. 1, good size and clean	1	25@1 50
No. 2, small or dirty	1	00@....
White, No. 1	1	25@....
Small	1	00@....

The price of old potatoes is about 2 cents a bushel lower than two weeks before. New potatoes are much lower.

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
X 1,701,000	—1,112,000	X 1,226,000
—5,177,000	X 8,302,000	—2,862,000
X 1,970,000	X 2,664,000	— 217,000
—2,761,000	—2,820,000	X 275,000

HAY—Demand fair, and market firm. Offerings light.

Choice Timothy Hay	$20 00@21 00
No. 1 Timothy	18 00@19 00
No. 2 Timothy	16 00@16 50
No. 3 Timothy	11 00@15 00
Kansas and Oklahoma Prairie	15 00@16 00

Timothy hay is $1.00 a ton higher than two weeks before. Prairie about 50 cents a ton higher. Demand for low grades is poor.

BROOM CORN—Was quoted as having just a moderate business, centered mainly in good Corn. Common quality rules dull.

Illinois Corn, per ton, depending on quality	$80 00@120 00
Oklahoma, per ton, poor to good	50 00@100 00

If badly damaged and stemmy no regular value.

The top prices are $20 higher for Illinois corn and $10 higher for Oklahoma than two weeks before.

BEANS—There has been only a small business in this market of late. Prices suffered about 5 cents decline for white beans during the week. Some red kidneys came on the market. Sellers reported reduced bids for these. Brown Swedish have ruled only about nominal of late. Consumptive demand has been very small. It was said that advices from the country indicated that a good many red kidneys would still be wanted for seeding. Whether such demand will effect prices or not remains to be seen. Current prices are as follows:

Pea Beans—	
Hand-picked, choice	$2 00@2 05
Good but not strictly hand-picked	1 90@1 95
Mediums nominally about same as pea beans.	
Red Kidneys, depending on quality	2 75@3 00
Brown Swedish	2 00@2 50

The price is 5 cents lower on pea beans than two weeks before, others unchanged.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows

	This Week Cases	Last Week Cases	Last Year Cases
Monday	22,215	24,273	25,966
Tuesday	21,792	38,515	37,813
Wednesday	18,709	28,611	27,827
Thursday	15,119	24,814	17,436
Friday	14,147	23,295	36,458
Saturday	21,228	27,471	29,064
Total	113,210	166,979	174,564

Receipts April 1, 1911, to April 22, 1911 438,144 cases.

Receipts, April 1, 1910, to April 23, 1910 620,780 cases.

Receipts, April 1, 1909, to April 24, 1909, 449,566 cases.

A steady feeling exists and no change made in the quotations.

Conditions are favoring sellers. The market is doing well. A sharp demand exists and offerings are being readily absorbed. Dealers are not having any difficulty in selling, except it is some of the southern stock, which buyers are discriminating against somewhat.

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R. .....County .....State.....

Are you a member of F. S. E.....My Shipping Station is .....On Railroad .....

UP-TO-DATE FARMING

Production and Marketing

TURNING THE GROUND

THE GOOD old turning plow can not well be dispensed with. The disc harrow and the various other surface stirrers and pulverizers are useful implements on the farm, but they can not take the place of the turning plow. Land to produce well must be aerated as well as fertilized. In fact, aeration is fertilization. To be well aerated it is necessary that it be turned over, and the deeper the better, provided always that poor land is not brought to the surface. In that case, the deep turned land should be turned again before planting. To turn land deep, and then plant in an unfertile subsoil but recently brought to the surface, is where many farmers fall down and learn to oppose deep breaking. If such land is broken thus deeply, and is permitted to lie for a time, taking the weather and settling down, and then turned back again and well pulverized and packed before planting, the land will be greatly benefited, and the yield materially increased. Such land broken deep in the fall and allowed to take the weather through the winter, and then turned again and well worked before planting, will be still more improved. The aeration and weather pulverization (we are writing this for areas above the frost line) changes the nature of the land, and makes it productive, or its fertility available, as deep as it is stirred.

For these reasons, surface work all the time is not sufficient. The disc and the harrow are excellent pulverizers, are almost indispensable to good farming, but they are not enough. The old turning plow can not be given up. The subsoil must be brought to the top to get a taste of what nature has in store for it, even though it must be thrown back again before it is planted. If thrown up again next year it may then be left on top and given the seed, for by that time it will have become domesticated, so to speak, and will produce. The turning plow must also be retained for green manuring —for turning crops under. That, after all, is the farmer's greatest and cheapest means for maintaining fertility.

HOW MUCH PER ACRE

OF COURSE there is nothing very definite in the yield per acre; too much depends upon conditions; but the following is recognized as a fair average yield with favorable conditions:

Beans, 1,200 pounds; peas, 2,000 pounds; summer squash, 500 pounds; winter squash, 300 pounds; sweet corn, 2,000 pounds; cucumbers, 500 pounds; muskmelons, 400 pounds; watermelons, 800 pounds; tomatoes, 300 pounds; cabbage, 500 pounds; corn, 3,000 pounds (in the ear); wheat, 1,200 pounds; oats 1,200 pounds; potatoes, 5,000 pounds; timothy hay, cured, 4,000 pounds; clover hay, cured, 5,000 pounds.

A PLAN FOR RESTORATION

A FARMER of great experience and unusually successful in restoring worn out lands, says he has employed vetch and rye for that purpose as follows: He sows vetch in the open or in corn the last of July or early in August at the rate of fifty pounds to the acre. The vetch is plowed under about the middle of the following May, and the land is planted to corn. In the following August rye is sown in the corn at the rate of one to one and one-half bushels to the acre. No stock is allowed to graze on the rye or cornstalks, and the whole is rolled down in the spring and plowed under in May. In plowing under this green rye and stalks, care must be taken to thoroughly roll and harrow the ground after plowing so that there can be no empty cavities and hollows under the mass plowed under. If the rolling and harrowing process has been thorough, and the land has been well drained, there will be a soil into which air can enter to supply the oxygen plants need in their growth. The soil will also be well supplied with food for soil enriching bacteria; and there will be an abundance of material for humus. This is nature's way aided and intensified by art, and that is the best way. The writer says by the employment of this simple method, he has restored some of the worst worn out lands and made them as fertile and productive as the best.

ALFALFA PASTURE THE BEST

AN EXPERIENCED breeder of horses, as told in Coburn's book on alfalfa, is authority for the statement that alfalfa pasture produces more bone, muscle and blood in horses in less time than any other pasturage, and that such pasturage, even without grain or other feed, is conducive to health and prolificacy, maturing animals equal for service to any reared otherwise. Also that the alfalfa pasture is a much more economical method of raising horses than any other. Still it must not be understood that the horse so pastured should have no other feed. Though the horse will do well on alfalfa pasture alone, it will do better with a light grain ration additional.

DEEP WELLS

TOO LITTLE value is placed on the danger of surface water to the human family and to domestic animals. Real safety in drinking water requires that it be filtered thoroughly for use, which means a great deal of extra attention and care. This may be obviated by going to the source of pure water in the earth below solid rock. Every well should be of this kind. In the end there is true economy, as there is thus provided fresh and ready, constantly, water that is free from any contamination of deadly germs. The providing of pure water is of priceless worth to the family who have its advantages. The life of parent or of a child can not be estimated in terms of language. When a property is offered for sale the deep well enhances the value usually more than five times its cost, for the reason that the buyer is assured he has the never failing pure water. Our readers should take this into account, as the first needed permanent improvement for the farm, or for the home place in the village where the well is the source of water supply.

Ginseng Culture and Markets

By J. H. Koehler, Wausau, Wis.

That there are secrets in the growing of ginseng that must be learned from expensive experience, or learned from experts who have made the business a commercial success, nearly every person will be ready to admit. Mr. Koehler is an expert and has made the business successful, and he is ready to "expose the secrets" to all others who may be thinking of engaging in this usually elusive, but highly profitable industry if faithfully asd intelligently engaged in. Write to him and tell him that you read Up-to-Date Farming.

How People Write Them

The following are notices that actually appeared in newspapers:

A bulldog for sale; will eat anything and is very fond of children.

Annual sale now on; don't go elsewhere to be cheated; come here.

A lady wants to sell a piano, as she is going abroad in a beautiful case.

Wanted—a home by a nice girl; can take care of children and an agreeable companion.

Lost—an umbrella by agentleman with a bent rib and a bone handle.

Mr. Jones, furrier, will make fur capes and collars for ladies out of their own skins.

Wanted—A bedroom for a gentleman 22 feet long and 11 feet wide.

Just arrived, a carload of brick for a walk on Main street.

SUMMER UNDERWEAR

Strong Elastic Ventilated Absorbent Cool

"Porosknit" is worn by more men and boys than any other underwear in the world. It satisfies two million wearers every summer.

Absorbs more sweat than a thick shirt, and the open texture evaporates it at once. That keeps you comfortable, even on hot days.

Wear "Porosknit" in the field and when you are dressed up. Try a suit.

MEN'S 50c Any Style Shirts and Drawers BOYS' 25c

Men's Union Suits, $1.00 Boys' Union Suits, 50c.

Write us for illustrated Catalogue showing all styles.

CHALMERS KNITTING COMPANY
102 Washington Street, Amsterdam, New York





Warranted For Three Years.

Only $29.50

Catalogue FREE.

Buys this three-year-guaranteed Buggy. Surries, $45.00 up. Two-Horse Farm Wagons, $50.00.

You save the wholesaler's and retailer's profit. MUTUAL vehicles warranted for three years. Satisfaction guaranteed or money refunded.

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New Model Steel Beauty

40 Years Standard of the World



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Yet costs no more than the ordinary kind

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THE WHITMAN AGRICULTURAL COMPANY, 6902 S. Broadway, St. Louis, Mo.

A MONTH'S FREE TRIAL.



Send us your name and address. We will send you postpaid a Vulcan Razor. Shave with it for 30 days. If at the end of that time you're satisfied that it's the best razor you ever put to your face send us $1.75. If not, just send back the razor and there will be no charge. But you can't help liking this fine English crucible steel, oven tempered and bevel edge razor because it's made right—tempered right—ground right—sold right. State whether you want round or square point; wide, medium or narrow blade; whether your beard is stiff, medium or soft and how often you shave. Isn't it worth writing to find a razor that just suits your beard?

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THE JOHN D'ARCY CO., 67C, St. Louis, Mo.

$3.50



LADIES or GENTS size

Guaranteed 20 Years

Send this advertisement to us with your name, post office and express office address and we will send to you by express for examination this wonderful watch. Elegant gold finished hunting style case. Genuine 20 year guaranteed full seven ruby jeweled movement, quick train lever escapement, enamel dial, damaskeened plates, stem wind and set, a perfect timekeeper. Case is double hunting style, extra quality gold finished, beautifully engraved in the very latest design of engraving. You examine the watch at your express office and if satisfactory pay express agent $3.50 and express charges and it is yours. Satisfaction guaranteed or money refunded. State whether you want a man's watch or a lady's watch. Order today. R. E. CHALMERS & CO., 356 Dearborn St. CHICAGO

FARM BOOKKEEPING

Run your farm like a factory. Keep costs and records of operation and know the profitable departments of your business, the same as any factory or commercial business.

This can be done easily by Hadley's Farm Bookkeeping System. It is simple and practical. Complete instructions and example records are worked out, showing the entries you will make. Your daughter, wife or son can keep the books at night, and it is a fine commercial training and education for them.

Scientific specialized farming pays big and should be applied to your business in an accounting way, as well as any commercial business.

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HADLEY'S FARM BOOKKEEPING SYSTEM was devised by a practical man in Southern California, where specialized and profitable farming has been developed to its highest stage. Every detail has been worked out in a practical way, no matter what branch of farming or stock raising you do.

Analyze your costs and profits—specialize and discontinue the crops and labor that are not profitable.

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Devote your time, energy and intelligence to the things that pay you big and get this money. It is yours for the taking.

Price, $14.25 delivered at your express office in U. S., with privilege of returning.

Write us if you wish additional detailed information.

CHARLES R. HADLEY COMPANY,
DEPT. U, LOS ANGELES, CALIFORNIA.

References with permission:
First National Bank, Los Angeles;
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Honorable young men and women with firstclass references can get the exclusive sale of this system for your section.

Buy This
POTATO DIGGER

Extra strong, very durable, light draft, easy on horses, positively best potato digger on market. Fully guaranteed—still priced low. Get free book on Diggers, Pickers and Sorters. **Hoover Mfg. Co., Box 88, Avery, Ohio.**

Transfer points—Buffalo, N.Y., Detroit, Mich, St. Paul, Minn., Marshalltown, Ia., Idaho Falls, Id., Portland, Ore., Spokane, Wash., Winnipeg, Man., Hamilton, Ont., Fond du Lac, Wis.



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Fully guaranteed. Sent on trial. What you save in a year by having correct weights will pay for the scale. Agents wanted in every town. Send for full description.

OSGOOD SCALE COMPANY, Box 100., Binghamton, N.Y.

BUY YOUR ROOFING DIRECT FROM FACTORY

A Roof that is Proof against Wind, Lightning

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ALFALFA SEED

Greatest money-maker farmers can grow. Get started now. Alfalfa is the plant of wonderful vitality and drouth resisting qualities. Price $12.00 bu. Bags extra 20c each.

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AUTO TIRE BARGAINS

Factory rubbed and slightly damaged. Good as first grade for wear. We sell 50 per cent. off. All kinds of sizes and makes of Tires and Tubes. Send for price list. TUXEDO TIRE EXCHANGE, 53d St. and 8th Ave., New York City.



Binder Twine 6½c Lb.
Guaranteed the best made. Farmer agents wanted. Sample and catalogue free.
THEO. BURT & SONS, MELROSE, OHIO.

GROWING SORGHUM FOR SYRUP

THERE is not so much attention paid to the growing of sorghum and the making of syrup or molasses from it as there was a few years ago. We do not know why this crop has been neglected. Sorghum molasses is a good table commodity; it is nutritious and easily digested. In the latter respect it is different from most table syrups, very different indeed from the patent syrups that have taken its place on farmers' tables. We believe this is a profitable crop, and that more attention ought to be paid to it.

Sorghum is a simple crop to grow, as simple as corn, yet some conditions that are not unfavorable to sorghum. Ground that is to be planted to sorghum should never be broken when it is wet, nor is it best to break sorghum land long in advance of planting, unless it is frequently disked between the breaking and planting. Sorghum seed being small and rather delicate in germination, should be planted in freshly stirred and well pulverized land. The seed should not be planted deep, not more than an inch, and it should be delicately covered with loose earth. Thus planted it is not at all difficult to get a stand, and the future culture is made much easier.

Cultivation should begin very early, and the weeds must be kept in subjection. Sorghum though hardy is a somewhat sensitive plant, and there is a wonderful difference in the quality of the syrup it produces, as well as in the quantity, and there is no doubt that this difference depends pretty largely upon the early cultivation. The ground must not only be kept clean, but it must be kept pulverized.

Sorghum should not be planted too thick. Let it grow from one to three stalks in a hill, from fifteen to eighteen inches apart in the row, but many growers think if these could be but one stalk in a place, standing from eight to twelve inches apart it would be better, and we are of that class. The harvesting of the cane is the heaviest task connected with it—the harvesting and taking to the mill if not made at home. But if care be taken of the blades and the seed these will pay for the harvesting.

A VANDERBILT FARMER

For Up-to-Date, by O. S. Griffin.

THE FOLLOWING story is probably substantially true:

Old Commodore Cornelius Vanderbilt had two sons, Wm. H. and Cornelius, Jr., whom he intended for business men, but William liked to work in a garden, talk farming and study agriculture. This disgusted the old man and he said William would never amount to anything but an old farmer. So when William was of age the old man bought a good farm, stocked and equipped, and gave it to William and told him he hoped he could get his living on it.

William started in as a farmer with plenty of hard work in sight and everything to do it with, but working capital. The business instinct was in him, but how to get capital was a problem. This is how he did it. He canvassed the banks for the one that would loan him the largest sum of money on a mortgage on his farm.

He got this money for six per cent interest, then immediately loaned it to that of another bank at three per cent, under an agreement that he might draw it out on his check as he needed it, and deposit in the bank from time to time any money he might get, upon which he should have three per cent interest as long as it remained on deposit.

Then with a plenty of cash capital to work with, he did not, as most farmers do, hire lunkheads at thirty dollars a month. He hunted up an experienced gardner for garden work, and instead of bossing him he consulted him as to best paying crops and methods. He hired a skilful dairyman in the same way. The balance of his crew were young men desiring to learn the business, who worked for aprentice wages. Thus equipped with brains, skill and energy, and ready cash to do with, he made his farm pay, and pay well.

Everything he bought he got for spot cash at a discount, from five to twenty per cent less than credit or store-bill farmers could buy, and every product being skilfully produced brought the highest price.

Occasionally the old man saw William and asked how he was getting along. All right, the young man would answer, but the old man noticed that William appeared to have more money than farmers generally have, and appeared to be doing less labor, and the old man feared something was wrong, and one day he said: "William, have you been mortgaging your farm?" "Yes, sir!" "For how much?" "For the last cent I could get on it!" Then the old man exploded with wrath and contempt, and said: "How do you expect to ever pay off that mortgage?" "Pay it off," said William. "I have got money enough in the bank to pay it twice.

The old man's eyebrows lifted and he took a keen look at William and then enquired into his business. Then, for the first time, he realized that William had a head for business, and that a real love of farming was no proof of a blockhead.

Thus Wm. H. Vanderbilt, the leading millionaire and railroad king of his day, worked out the foundation of his great business skill by working out the successful principles of farming.

He saw the value of ready cash, the immediate deposit of every dollar he received for the sale of products, and the employment of skilled help and ambitious apprentices, and no doubt watched the market and the marketing of his products. In short, he was always awake to the business side of farming.

SASKATCHEWAN'S BIG YEAR

The present year's movement of American farmers into Canada is already larger than the total of last year, which exceeded any preceeding year by several thousands. The bulk of it is going in the great Saskatchewan wheat belt. They are attracted by the growing proofs of that region's fertility and by the terms offered by the railway company. The prices run from ten dollars to twenty dollars an acre, with a small payment down and long time for the remainder.

The Saskatchewan lands are fresh, remarkably rich in lime, potash, soda, phosphoric acid, silic acid, and nitrogen, with all their agricultural history before them instead of behind.

The provincial government, with the lesson of the American farm before it, is quick and earnest in showing the farmers how to get the highest immediate results without wasting these elements of strength.

Instead of searching for means of conserving what is left and restoring what may have been lost, the provincial authorities are helping the farmers in preserving the original natural condition of fertility, without stinting the crops. The Canadian Pacific Railway Company itself seconds this policy in dealing with those who buy its lands, for the very good reason that by so doing it is making sure of maximum business in hauling grain grown along its lines, and keeping up a growth of that traffic as the lands fill up.

This is going to be the busiest year the Winnipeg land department of the road has ever had, for there is an increasing immigration to its territory from Great Britian, as well as from the United States. A fact not without a touch of satisfaction for all concerned. The new neighbors all speak English, and have been accustomed to the same laws and educational system they will find in Saskatchewan. Write for valuable free books to Canadian Pacific Railway, Land Department, 175 Higgins Ave., Winnepeg, Canada.

Why He Didn't Speak

Judge, in divorce suit.—Your wife swears you have not spoken to her for five years. Can you explain that to the court?

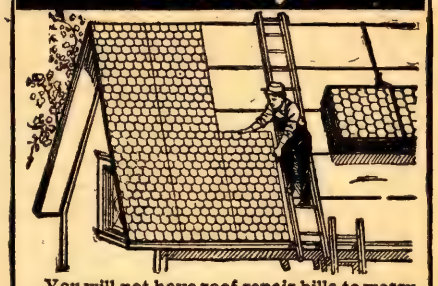
Defendant, meekly.—Well, Judge, I was always taught not to interrupt people when they were talking.

Had More Than That

"Oh, Charlie," said the elated boy to his chum, "we're going to have a cupola on our house."

"That's nothing," said Charlie, "we've already got a mortgage on ours."

End Roof Expense Forever!



You will not have roof repair bills to worry you after you put Edwards Interlocking Reo Steel Shingles on your house, barn or farm buildings. You are protected from fire, lightning, leaks or roof decay.

$10,000 Lightning Bond. We guarantee every Edwards roof against lightning with a $10,000 bond. Our patent interlocking device protects the nails and prevents rusting and leaking at the joints.

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FACTORY PRICES—WE PAY THE FREIGHT. As we are the largest makers of iron and steel roofing material, we are in a position to give you the very lowest prices with freight prepaid.

Write for New Free Catalog No. 561

which is full of valuable roofing information. Send us the dimensions of your roofs and we will quote you the low cost of a Reo Steel Shingle Roof delivered to your railroad station. Ask for our Special introductory offer to represent us in your community.

THE EDWARDS MANUFACTURING CO.
511-561 Lock St., Cincinnati, Ohio (45)

70 DAY CORN

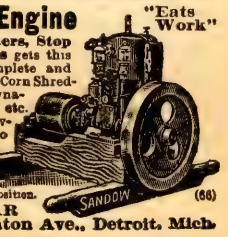
We have had thousands of pleased customers for Buckhart's White Dent in the past few years. It is a 70-day corn that surpasses every other early variety for late planting. The cob is small and the grain is deep. Ears are medium sized. Carefully grown and especially selected and prepared for seed.

Price Peck, 75c; ½ bushel, $1.35; bushel, $2.25; bag (2½ bu.), $5. This is a special low price and you should be sure to plant this variety—you'll not regret it. Bags are free. Send for catalog of all field and garden seeds or order corn direct from this ad.

O. K. SEED STORE, Dept. A., Indianapolis, Ind.

Let SANDOW Run It!

Wonderful Work Engine "Eats Work"



Farmers and Shop Owners, Stop Sweating! A few dollars gets this grand little work engine, complete and ready to run Cream Separators, Corn Shredders, Grist Mills, Feed Mills, Dynamos, Printing Presses, etc., etc. Gives a lifetime of steady service! All Sizes: 2 to 20 h. p. No cranking! No cams! No gears! Only 3 moving parts. Finest construction. Thousands in use. Guaranteed 5 years. Write for Special Introductory Proposition. (66)

DETROIT MOTOR CAR SUPPLY CO., 62 Canton Ave., Detroit, Mich.

NEW METAL ROOFING

GALVANIZED AND PAINTED
$1.50 FOR 100 SQ. FT. AND UP



WE PAY THE FREIGHT

to all points in the United States east of Colorado, except Oklahoma and Texas. Quotations to other points on application.

Satisfaction guaranteed, or money refunded. We ship this roofing C. O. D. with privilege of examination if you send one-forth of the amount of your order in cash.

Acknowledged the best Roof covering manufacured. With ordinary care will last for many years. Thousands of satisfied customers everywhere have proven its virtue. Suitable for covering any building, also used extensively for ceiling and siding. Fire Proof and Lightning Proof.

We have two grades—Galvanized and Painted:

Galvanized: Our grade No. 18 rust proof Galvanized Steel Corrugated Metal covering (like illustration). Sheets 4 feet to 8 feet long. Price per square of 100 square feet..... **$3.25**
At the same price we will furnish in "V" crimped standing seam roofing, or imitation siding.

Painted Steel Roofing: **$1.50** is our price for 100 sq. feet of our grade No. 10 flat painted, steel roofing.

We can furnish this same grade, painted No. 10, corrugated "V" crimped, Stand Seam, Steel Roofing, per 100 square feet..... **$1.95**

WRITE FOR FREE SAMPLES, ALSO ASK FOR OUR ROOFING CATALOG No. N. K. 204

A valuable book filled with information regarding all kinds of Steel Corrugated and Ready Roofing. Explains how easily this material can be applied to the roof, also describes our complete stock of fancy metal ceilings—quotes our low prices on Sidings—Eave Troughs—Down Spouts—Etc., Etc. Write us to-day.

CHICAGO HOUSE WRECKING CO., 35th and Iron Sts., Chicago

CHAMOIS SKIN KHAKI

THE STRONGEST 50c WORK SHIRT MADE

Government test proved that khaki was the best material for U. S. Army wear, and personal test will prove to you, as it has to over 2 MILLION men, that Chamois Skin Khaki Work Shirt made of strong fibered khaki with the soft "chamois skin" finish is the best work shirt you ever wore. And it is guaranteed.

50¢

At your dealer's; if he can't supply you, send us his name, your collar size and 50c in stamps for sample shirt and book of new patterns.

THE PRESIDENT SHIRT CO.
114 Wyoming St. Baltimore, Md.

UP-TO-DATE FARMING

Production and Marketing

TURNING THE GROUND

THE GOOD old turning plow can not well be dispensed with. The disc harrow and the various other surface stirrers and pulverizers are useful implements on the farm, but they can not take the place of the turning plow. Land to produce well must be aerated as well as fertilized. In fact, aeration is fertilization. To be well aerated it is necessary that it be turned over, and the deeper the better, provided always that poor land is not brought to the surface. In that case, the deep turned land should be turned again before planting. To turn land deep, and then plant in an unfertile subsoil but recently brought to the surface, is where many farmers fall down and learn to oppose deep breaking. If such land is broken thus deeply, and is permitted to lie for a time, taking the weather and settling down, and then turned back again and well pulverized and packed before planting, the land will be greatly benefited, and the yield materially increased. Such land broken deep in the fall and allowed to take the weather through the winter, and then turned again and well worked before planting, will be still more improved. The aeration and weather pulverization (we are writing this for areas above the frost line) changes the nature of the land, and makes it productive, or its fertility available, as deep as it is stirred.

For these reasons, surface work all the time is not sufficient. The disc and the harrow are excellent pulverizers, are almost indispensable to good farming, but they are not enough. The old turning plow can not be given up. The subsoil must be brought to the top to get a taste of what nature has in store for it, even though it must be thrown back again before it is planted. If thrown up again next year it may then be left on top and given the seed, for by that time it will have become domesticated, so to speak, and will produce. The turning plow must also be retained for green manuring —for turning crops under. That, after all, is the farmer's greatest and cheapest means for maintaining fertility.

HOW MUCH PER ACRE

OF COURSE there is nothing very definite in the yield per acre; too much depends upon conditions; but the following is recognized as a fair average yield with favorable conditions:

Beans, 1,200 pounds; peas, 2,000 pounds; summer squash, 500 pounds; winter squash, 300 pounds; sweet corn, 2,000 pounds; cucumbers, 500 pounds; muskmelons, 400 pounds; watermelons, 800 pounds; tomatoes, 300 pounds; cabbage, 500 pounds; corn, 3,000 pounds (in the ear); wheat, 1,200 pounds; oats 1,200 pounds; potatoes, 5,000 pounds; timothy hay, cured, 4,000 pounds; clover hay, cured, 5,000 pounds.

A PLAN FOR RESTORATION

A FARMER of great experience and unusually successful in restoring worn out lands, says he has employed vetch and rye for that purpose as follows: He sows vetch in the open or in corn the last of July or early in August at the rate of fifty pounds to the acre. The vetch is plowed under about the middle of the following May, and the land is planted to corn. In the following August rye is sown in the corn at the rate of one to one and one-half bushels to the acre. No stock is allowed to graze on the rye or cornstalks, and the whole is rolled down in the spring and plowed under in May. In plowing under this green rye and stalks, care must be taken to thoroughly roll and harrow the ground after plowing so that there can be no empty cavities and hollows under the mass plowed under. If the rolling and harrowing process has been thorough, and the land has been well drained, there will be a soil into which air can enter to supply the oxygen plants need in their growth. The soil will also be well supplied with food for soil enriching bacteria; and there will be an abundance of material for humus. This is nature's way aided and intensified by art, and that is the best way. The writer says by the employment of this simple method, he has restored some of the worst worn out lands and made them as fertile and productive as the best.

ALFALFA PASTURE THE BEST

AN EXPERIENCED breeder of horses, as told in Coburn's book on alfalfa, is authority for the statement that alfalfa pasture produces more bone, muscle and blood in horses in less time than any other pasturage, and that such pasturage, even without grain or other feed, is conducive to health and prolificacy, maturing animals equal for service to any reared otherwise. Also that the alfalfa pasture is a much more economical method of raising horses than any other. Still it must not be understood that the horse so pastured should have no other feed. Though the horse will do well on alfalfa pasture alone, it will do better with a light grain ration additional.

DEEP WELLS

TOO LITTLE value is placed on the danger of surface water to the human family and to domestic animals. Real safety in drinking water requires that it be filtered thoroughly for use, which means a great deal of extra attention and care. This may be obviated by going to the source of pure water in the earth below solid rock. Every well should be of this kind. In the end there is true economy, as there is thus provided fresh and ready, constantly, water that is free from any contamination of deadly germs. The providing of pure water is of priceless worth to the family who have its advantages. The life of parent or of a child can not be estimated in terms of language. When a property is offered for sale the deep well enhances the value usually more than five times its cost, for the reason that the buyer is assured he has the never failing pure water. Our readers should take this into account, as the first needed permanent improvement for the farm, or for the home place in the village where the well is the source of water supply.

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By J. H. Koehler, Wausau, Wis.

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How People Write Them

The following are notices that actually appeared in newspapers:

A bulldog for sale; will eat anything and is very fond of children.

Annual sale now on; don't go elsewhere to be cheated; come here.

A lady wants to sell a piano, as she is going abroad in a beautiful case.

Wanted—a home by a nice girl; can take care of children and an agreeable companion.

Lost—an umbrella by agentleman with a bent rib and a bone handle.

Mr. Jones, furrier, will make fur capes and collars for ladies out of their own skins.

Wanted—A bedroom for a gentleman 22 feet long and 11 feet wide.

Just arrived, a carload of brick for a walk on Main street.

SUMMER UNDERWEAR

Strong Elastic Ventilated Absorbent Cool

"Porosknit" is worn by more men and boys than any other underwear in the world. It satisfies two million wearers every summer.

Absorbs more sweat than a thick shirt, and the open texture evaporates it at once. That keeps you comfortable, even on hot days.

Wear "Porosknit" in the field and when you are dressed up. Try a suit.

MEN'S 50c Any Style Shirts and Drawers BOYS' 25c

Men's Union Suits, $1.00 Boys' Union Suits, 50c.

Write us for illustrated Catalogue showing all styles.

CHALMERS KNITTING COMPANY
102 Washington Street, Amsterdam, New York





Warranted For Three Years.

Only $29.50

Catalogue FREE.

Buys this three-year-guaranteed Buggy. Surries, $45.00 up. Two-Horse Farm Wagons, $50.00.

You save the wholesaler's and retailer's profit. MUTUAL vehicles warranted for three years. Satisfaction guaranteed or money refunded.

WRITE FOR CATALOGUE.

MUTUAL CARRIAGE & HARNESS MFG. CO., Dept. 51 East St. Louis, Ill.

WHITMAN'S HAY PRESS

New Model Steel Beauty



FINEST IN AMERICA

Yet costs no more than the ordinary kind

Also Power Bailers

Let us prove that our New Model is the Strongest, Most Durable, Most Economical and Simplest Hay Press in the World—does the best work—has greatest capacity—saves time, labor and trouble—contains exclusive feature found in no other press—with or without self-feed, pull back and hopper condenser—fully guaranteed—we also make largest line of Ballers in the world—write for illustrated catalog

THE WHITMAN AGRICULTURAL COMPANY, 6902 S. Broadway, St. Louis, Mo.

A MONTH'S FREE TRIAL.



Send us your name and address. We will send you postpaid a Vulcan Razor. Shave with it for 30 days. If at the end of that time you're satisfied that it's the best razor you ever put to your face send us $1.75. If not, just send back the razor and there will be no charge. But you can't help liking this fine English crucible steel, oven tempered and bevel edge razor because it's made right—tempered right—ground right—sold right. State whether you want round or square point; wide, medium or narrow blade; whether your beard is stiff, medium or soft and how often you shave. Isn't it worth writing to find a razor that just suits your beard?

Complete Cutlery Catalog Sent Free.

THE JOHN D'ARCY CO., 67C, St. Louis, Mo.

$3.50



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R. E. CHALMERS & CO., 356 Dearborn St. CHICAGO



A FEW PROFIT POINTS

NO ANIMAL is profitable that is merely living. It must be growing, working, giving milk, raising young or preparing to do so, or it may be the team waiting until work time shall come. But to make even these animals profitable, the owner must do his part. In becoming their owner he obligated himself to do that, and if he expects the profits they are capable of making for him, he must discharge his part of the obligation and meet them half way.

The above obligation involves feed and pasture, secure fencing, gentle and humane treatment, housing when necessary, cleanliness in stalls, barns and shed, protection as far as possible from natural enemies and pests, and giving them a life worth living, so that they may have no excuse if they do not do their best.

It is no trouble to sell a good cow; there are always plenty of buyers at top prices. And it is no trouble to keep a bad cow; everybody is willing you shall keep her, for nobody wants her. But you can dispose of her, and often at a profit. Make her fat and send her to the market.

Can't you afford to keep the calf? Really, can you afford to not keep it? We agree that the price paid for veal calves is tempting, but an animal that grows is increasing in value, and few animals grow faster than a well fed and well kept calf. Both cows and beef cattle are needed. You can not afford to not keep the calf.

After all, milk is mostly water, and the cow can not make milk without water, and if she has not good water she can't make good milk. The milk will partake of the nature of the water she drinks. We are not worrying much over germs, bacteria and microbes, but the cow must have plenty of good, clean water, or somebody that uses the milk is liable to get sick.

Don't expect the dairy cow to be rounded out and smooth like the beef cow, but there is a great difference between this formation and the projecting bones and acute angles of poverty. The dairy cow needs feed as well as the beef cow, and being poor detracts from her usefulness as much as it does from the profit there is in the fat beef cow. Hunger is neither a milk nor a fat producer.

What of the home-bred cow? Wouldn't you rather buy a cow from your neighbor than from some one who lives a way off somewhere? We would, provided the neighbor has good stuff. We know much more about our neighbor's stock than we do about the other fellow's. When we buy from a neighbor we know what we are getting; when we buy a cow that has been shipped in we don't—we don't even know how old she is, for cows are no longer allowed to carry their records on their horns. Let us all raise good stock of whatever kind, and then we can supply each other.

THE OLD COW

FARMERS often ask the age limit of profit in the cow, especially of the beef type. That depends largely upon the cow herself. So long as she brings a good calf every year it is safe to consider her profitable. As her years accumulate she is likely to lose in value when she finally comes to the block, but the value of the calves far more than compensates for that. This should be taken with special emphasis in this period of cattle shortage, and the regular breeder of good calves should be held in high esteem. On the other hand, the cow that is an indifferent milker, and can not be relied upon for good calves, may be fed and marketed at any time.

A HOG PASTURE

AN experienced hog raiser gives the following formula for a hog pasture: As early in spring as possible prepare a piece of rich ground. An old feed lot is an ideal place, and no doubt benefit aside from what it produces will result from the breaking of it. Make a good seed bed and drill in from one to one and a half bushels of early oats or barley, or a mixture of these, to the acre, or, where barley is not grown, rye may be substituted for it, though the beards of the rye and also the barley, unless of the beardless variety, are objectionable. Follow with a mixture of four pounds dwarf essex rape seed, three pounds of timothy, and eight pounds of some legume—any of the clovers or alfalfa, or any number of these mixed. Canada field or cowpeas are good, but on ground like we have described their growth would be too rank for the smaller plants to get a start. Sow as early as possible, and give the seeds a light covering. The grass and rape seeds may be sown before the grains are drilled in, and with good results, especially in the dryer sections.

When the rape is about six inches high, which should be from six to eight weeks from sowing, hogs may be turned in. On such land the rape and whatever grains were sown, should furnish abundant pasture for about twenty-five shoats to the acre, and in the meantime the timothy and clover are getting ready to take the place of the grains, and with the rape, which should keep up its growth, continue to furnish a well balanced ration until the frosts of autumn, or even the snows of winter.

It is a good plan, though, to divide the pasture into two equal parts, which may be easily and cheaply done by stretching across it a twenty-eight-inch woven wire fence. This will be amply sufficient for the hogs, but if for the stock also, two barbed wires should be stretched above it. The posts need not be strong nor permanently set, as it may be desirable to move the fence at the close of the season. There should be two good posts set at the most convenient end, to the second of which the fence should be well fastened, but not so to the first, so the fence can there be readily loosened and moved around for the transfer of the hogs, which should be done every two or three weeks. Of course, provision must be made for water. Land thus treated will, the second year, furnish as good a meadow or as rich a pasture as can be grown in that section, and during the first season, or the second, it is a wonderful helper in the cheap production of quick but excellent pork.

If you need a cream separator, and every farmer with three cows or more does need one if he has none or has a poor machine, it certainly would be the part of wisdom to let a Sharples Separator be put in your home on trial. The machine costs nothing to try, nothing to pay. It is guaranteed forever by the largest separator concern in the world. Send to the Sharples Separator Co., W. Chester, Pa., for catalog No. 136, explaining the free trial plan.

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The Macy Cream Separator will fill every requirement. Thousands of dairy farmers throughout the United States are now using this splendid machine. It has been manufactured and sold for the past five years, and it is rapidly displacing the widely advertised Cream Separators sold at two and three times its price.

We want you to get our story. We want you to know the Macy Cream Separator. It will add from $15.00 to $20.00 per cow per annum to your profits. It will pay for itself in just a few months, and give you better service and more lasting service than any other Cream Separator manufactured, no matter what the name, make or price.

Do not be misled by the claims made on behalf of other Cream Separators. Do not be influenced by the sneers and insinuations of the manufacturers of the old-style Cream Separators who are constantly attacking those manufacturers and dealers who are selling more up-to-date machines.

Learn the Truth

Investigate for yourself. American Farm Folk are the most intelligent citizenship we have. The farmer thinks for himself; he reaches his own conclusions, and then he acts. All that we want you to do is to get our proposition. We will leave all the rest of it to you. We will send the Macy Cream Separator to your farm to be tested by you—to try out in competition with any other Cream Separator manufactured; **none of them are barred.** We want you to run the Macy beside the other Cream Separators. Try it on hot or cold milk; test it for butter fat; test it for easy turning; for easy cleaning; **submit it to any test you may think of or the agent of any other Cream Separator may suggest.** Submit it to these tests for 30 days, and if at the end of that time the Macy has not demonstrated that it is the best Cream Separator from the standpoint of skimming efficiency, easy running, easy cleaning, simplicity and durability, return it to us, at our expense of transportation charges both ways.



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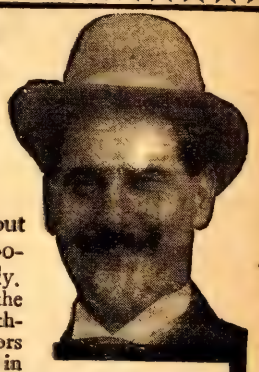
our Cream Separator offer. We want to tell you how you can save one-half or two-thirds on your Cream Separator. We want to tell you how to add from $15.00 to $20.00 per cow to your income. We want to tell you how to get more cream and better cream from your herd than you have been getting in the past.

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HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

KEEPING THE MILK PURE

WE WRITE for farmers and their families, rather than for scientists and experts, and we are not losing much sleep over what is being said nowadays about germs and bacteria. For instance, one distinguished experimenter found 100,000 germs that got into a cubic centimeter of milk during the three minutes required to take it from the cow, and that these increased to 75,000,000 in a very short time. That is a scary tale, of course, but it does not frighten us, for milk has been profitably used by the human family much longer than we can remember, and we are sure that there are no more germs now than there were when we sat in the old fashioned chimney corner and ate bread and milk for supper. People had never heard of such germs then, and they used the milk without any scare to interfere with their digestion.

But we are in favor of cleanliness, and there is no place where its observance and practice is more needed than in the care and handling of milk, and in the making of butter. Milk is a powerful absorbent of whatever is in the atmosphere, and if milking is done in a place of foul air, or if milk or cream or butter is set where it is surrounded by foul air, it will very certainly become contaminated. Lack of cleanness in the vessels will also manifest itself in the milk and butter.

A thing very essential to the purity of milk and butter is the quick cooling of the milk after it is drawn from the cow. It is seldom that farmers have good facilities for doing that. Refrigerators or iceboxes are ideal appliances for that purpose, but they are worthless without ice, and not many farmers have acquired the habit of providing themselves with ice. Where there is a well of cold water that is pure but not used much, the milk as soon as strained may be put in long narrow tin buckets that have tight fitting lids, and be suspended in such wells. The buckets may be submerged to within a few inches of the top.

A good way also, a safer and better way perhaps than the well, is to have a large can or tank that may be easily filled with cold water, and into which the warm milk, in buckets like we have described, may be placed. If the tank can be filled from a well of cold water by means of a force pump the arrangement becomes almost ideal. In such case the pipe from the well should enter the tank near the bottom, and the one that empties it should take the water out near the top. In that way, the warmest water will be drawn from the tank, and the coldest will remain in it. Should the tank be unused for a time, and it become desirable for all the water in it to be removed, it is only necessary to operate the pump until the cold water reaches the top. The tank is then filled with fresh water, the stale water having been pushed out above it. It is well also to have a simple faucet near the bottom of the tank to be used in case it should become necessary to empty the tank. But in a small way, where there are no appliances, an ordinary lard can may be used to good purpose; though, of course, it must be filled and emptied by hand.

THE CONTENTED COW

THE CONTENTED cow is the best milker, and to be contented she must be comfortable, well fed, have enjoyable pastures and plenty of good water, and she must be as free as possible from disturbing influences. The cow that is chased from pastures to milking place, that is worried or annoyed by dogs, that is abused by a cruel milker, or that is frequently changed from place to place, or is allowed to break out and learn that there is richer pasturage in an adjoining field, or sees her calf worried—a cow can not be contented under any of these conditions, and consequently can not do her best as a milker. Gentle treatment and even conditions are essential to best results with milch cows.

A Good Judge of Cows

is likely to be a good judge of a cream separator. The same quality of brains that enables a man to breed highclass dairy cattle, leads him to buy the best cream separator.

It is worth noting that the man who produced the World's Record Holstein cow

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F. H. Scribner, of Rosendale, Wis., who developed the celebrated Jersey cow Loretta D., and who is one of the great Jersey breeders of the country, uses a United States Cream Separator.

If the **United States Separator** is the separator for these business men and thousands of others, leaders of the dairy world, **why not for you?** These experts—men who know, and do—require the use of a separator which **skims closest, washes easiest, runs easiest,** and **wears longest.**

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TREATMENT OF THE BROOD MARE

NO GREATER gain in value centers in any farm animal now than in the brood mare. It is probable that most colts will have come by the time this paper reaches the reader, but there is so much involved in this subject that it is always timely. Besides, the care and treatment of the brood mare does not end with the birth of the colt.

In this article we glean some good points from a well known writer in one of our exchanges. In the first place we may say the brood mare needs feed that is not strong in protein. Corn alone is not sufficient. Clover hay, if entirely free from mold and must, and if carefully regulated as to quantity, is good to help out the corn in the matter of protein. Oats is also a protein feed, one of the best of the grains for horses. Corn and oats and good timothy hay, fed regularly and not too much at a time, particularly the hay, constitute a good feed for the brood mare, either before or after foaling.

Exercise, too, is an important matter. If in a pasture, or in a large lot where the mare may move about freely, she will likely get sufficient exercise, and in the fields she may be inclined to gallop about with the other horses. To that there is no very serious objection. Galloping is not so bad for a mare heavy in foal as trotting; but sudden turns when galloping, and the strain of slipping or falling may result in serious injury. Mares that are accustomed to work may be given light work well up to the time of foaling, but they should never be required to pull or carry a heavy load. After foaling the mare should, of course, have several days rest, and at this time, unless thoroughly accustomed to green feed, she must not be put on grass. That would be almost certainly fatal to the colt.

Do not keep brood mares in a hot, close stall or stable. It is important that they have an even and equable temperature and plenty of fresh air. In warm spring weather, free from rain or storms, we prefer that they should spend the nights as well as the days in the open, in a lot or small pasture near the barn. If near foaling time they should, of course, be kept alone and where they could have prompt attention. This time can usually be foretold by the sinking of the flanks, and the finding of white milk in the teats.

The mare is usually very fond of the colt, and is very jealous in the care of it. It is seldom that the colt needs any assistance after its birth, nature and the fondness of the mare readily directing it to the source of its food supply. But in rare cases the mare may refuse to own the colt. In such case take a little milk from the mare and rub it well on the colt's nose. Now induce the mare to smell of the nose of the colt; she will then be almost certain to accept and welcome the new comer.

THE DUAL PURPOSE COW

YES, THE old dual purpose cow is condemned, and wise people say she must go. Perhaps that is best. The nicely rounded beef type and the mild faced, large uddered dairy cow, are pretty, each in her line; and it is perhaps best to stick to one or the other, or to both, keeping them separate in the matter of breeding.

But the old cow of other days, that was almost like one of the family, and that furnished plenty of milk for all the children, excellent butter for the table, and calves that grew into valuable stock, whether males or females, still has a pretty strong hold on the affections of the farmers; and on the occasion of a recent visit to a stockyards and slaughter houses, the most of the cattle we saw there looked very much like the old cow's children.

To buy nursery stock at the best prices—trees, plants and shrubbery, all high class stock—be sure to get the catalog of Home Nursery Company, L. Sta., Lafayette, Ill. They are making special prices now, and if you are interested, be sure to send for full particulars.

Why DE LAVAL Cream Separators Are Best

De Laval the Logical Leader

It is not due to any mere stroke of luck or freak of circumstances that the De Laval Cream Separator has maintained first place in the esteem of cream producers ever since its invention in 1878. There is a reason for everything if we but know it and there are many reasons why the De Laval is now and always has been the best cream separator.

De Laval the First Practical Separator

Dr. De Laval invented the first successful continuous cream separator because he had worked harder, was better informed, and knew more about the centrifugal separation of cream from milk than any other man who had attempted it.

Starting with this advantage the De Laval Company has maintained its lead in the improvement and development of the separator, step by step from year to year, because it has always had an organization better equipped in every way to build the best separator than any one or all of its would-be competitors combined.

World-wide De Laval Organization

The De Laval organization extends the world over, with a number of the finest and largest shops in the world in America, Sweden, Germany, France, Austria, Russia and other countries. Everyone of these shops is devoted solely to the building of separators. Their manufacture is not simply incidental to that of something else, as is the case on the part of every would-be competitor. No other separator shops compare with them in size, equipment or volume of production. They produce more separators in a day than any competitor in a week or most of them in a month.

De Laval Designers Most Experienced

The De Laval organization of separator scientists, experts, engineers, designers, practical manufacturers and skilled workman of all classes, not only in one country but a half dozen, is unapproached by all would-be competitors combined. The De Laval Cream Separator as we know it today is the composite production of these men of many shops and many countries, the amalgamation of the longest and best separator experience in the world.

All Important Cream Separator Patents Controlled by De Laval Company

Moreover, the principal features devised in the construction and development of the De Laval machines have naturally been covered by patents, numbering several hundred in all, so that, however great their knowledge of De Laval machines, would-be competitors have been compelled to utilize means of construction which would avoid infringement of these patents, and thus forced to adopt less efficient and less desirable methods until certain De Laval patents had expired, by which time the construction covered by such patents had been discarded and abandoned or further improved in the course of De Laval progress.

De Laval Used Almost Exclusively by Creameries and Butter Factories

That, briefly, is why De Laval Cream Separators have maintained their supremacy, regardless of one competitor or another, increasing their sale year by year until their already nearly universal use in larger sizes by creameries, butter factories and milk stations is rapidly becoming as general in the farm and dairy likewise, and for the self-same reasons.

A De Laval catalog or any desired separator information will gladly be sent for the asking.

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14-16 Princess St., WINNIPEG
Drumm & Sacramento Sts., SAN FRANCISCO
1016 Western Ave., SEATTLE

TOO MUCH HAY

WE ARE convinced that liberal feeders that love their horses are liable to feed them too much hay, especially while working hard in the fields. Hay fills the stomach, and a hungry horse will eat of nice, bright hay, enough to show visibly in the filling out of his sides. A horse thus filled is not in good condition for hard work. Strong and steady pulling retards digestion, and is liable to induce the formation of gas in the stomach, too frequently resulting in colic. Besides, a full stomach fills the abdominal cavity and presses upon the intestines and, what is far more serious, upon the lungs. No horseman can have failed to observe how quickly a horse with distended sides from eating, manifests a shortness of breath when set to work.

It is much better, therefore, to not feed much hay to the work team at morning and noon during summer. After the day's work is done, and the night's rest is on is the time when hay may be fed more freely. And the same is true of horses at work on the road, or engaged in steady labor of any kind. Feed that fills and distends the stomach should not be given just previous to being put to hard work.

GRINDING OR COOKING CORN FOR HOGS

A FEW years ago grinding and cooking feed for hogs was a great fad. It has now been determined by some of our best experiment stations, that this treatment of feed, especially the grinding of corn, is not only of no value, but that it actually involves a loss. The Iowa station, after exhaustive tests, comes to this conclusion: "As the farmers of Iowa feed to hogs about 100,000,000 bushels of corn annually, there would be a loss to them in this one item of $3,000,000 if all were to grind the grain they thus feed." The Iowa station also concludes that it may be held as a general rule that it is not best to soak, cook or grind corn or other grain for hogs when they can eat it in an entirely satisfactory way without such preparation.

Thus is another "expert" fad exploded. In feeding corn to hogs give them the whole ears as our fathers did, but don't give it to them in mud and filth, as too many do even at this day.

Want new roofing? Send for catalog 204 to the Chicago House Wrecking Co., 35th and Iron Sts., Chicago, and get their prices from $1.50 per 100 square feet up. Their big catalog will save you money.

THICK, SWOLLEN GLANDS

that make a horse Wheeze, Roar, have Thick Wind or Choke-down, can be removed with

ABSORBINE



also any Bunch or Swelling. No blister, no hair gone, and horse kept at work. $2 per bottle, delivered. Book 3 E free.

ABSORBINE, JR., liniment for mankind. Reduces Goitre, Tumors, Wens, Painful, Knotted Varicose Veins, Ulcers. $1.00 and $2.00 a bottle at dealers or delivered. Book with testimonials free.

W. F. YOUNG, P.D.F., 102 Temple St., Springfield, Mass.

FREE TO FARMERS

A Valuable 160-page book entitled

"SILO PROFITS"



Written by 200 of the most successful Feeders, Farmers and Dairymen in the World. Every farmer in America should read this book, and as long as our supply of these books last we will mail one copy free to each person asking for it. It gives the actual experience of these farmers and in their own words.

Our Factories are located at Anderson, Ind., Des Moines, Iowa, and Kansas City, Missouri. Write NOW for this book "Silo Profits"

INDIANA SILO COMPANY
320 Union Building, Anderson, Indiana

Will Trade:

A roan Belgian stallion, 3 years old and sound; also trotting stallion, record 2:16¼, a Baron Wilkes and a grand individual. These horses are the right kind and good stuff: will trade or sell for cash. Address Box 20, care of Up-to-Date Farming.

Send for a Dozen of These Teaspoons Free

OUR FREE OFFER We will give a full dozen of these spoons free to any one sending us two one-year subscriptions at 25 cents each; or for one two-year subscription at 50 cents. Send your subscription today and get the spoons. Satisfaction guaranteed.



Illustration shows exact size of this dainty tea spoon. You should have a dozen or more. They are free for a favor. These spoons are made of a solid white metal called silveroid. Looks and wears like silver. Highly finished.

Up-to-Date Farming
Indianapolis, Indiana



$7.55 Buys Best 140-Egg Incubator

Double cases all over; best copper tank; nursery, self-regulating. Best 140-chick hot-water brooder, $4.85. Both ordered together, $11.50. Freight prepaid (E. of Rockies). No machines at any price are better. Satisfaction guaranteed. Write for book today or send price now and save time.



Belle City Incubator Company, Box 79 Racine, Wisconsin

White Indian Runner Ducks

From the original Southern California stock. Lays from 275 to 300 pure white eggs a year.

The 20th Century Egg Machines

$6.00 per setting of 15.

Also Fawn and White and White Penciled Indian Runner Ducks at $1.50 and $2.00 per setting of 15.

PETALUMA INCUBATOR CO.
145 N. Delaware St. INDIANAPOLIS



PFILE'S 65 VARIETIES

LAND AND WATER FOWLS. Farm-raised Stock, with EGGS in season. Send 2 cents for my valuable illustrated descriptive POULTRY BOOK for 1911. Write today.

HENRY PFILE, Box 615, Freeport, Ill.

Chicken Gaps, White Diarrhea, Cholera and Roup Cured
OR MONEY REFUNDED
First box 25c prepaid. Future supply free.
MAUD E. WOOD, NEWBERRY, IND.

Indian Runner Ducks
White Plymouth Rocks

Fowls for sale. Eggs for hatching. Book "Indian Runner Duck Culture from A to Z," price 50c.

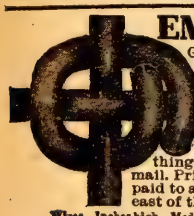
J. B. HOWE, Poultry Judge, Box M, Fortville, Ind

Indian Runner Duck Eggs

$1.50 per setting. Only white eggs shipped. Instructions how to raise them sent free to customers.

J. J. MILHOUS, Valley Mills, Ind.

HOUDANS Big Egg Laying Strain! First prize winners 1911 exhibition. Matings $2.00 and $3.00 per 15. Write for mating list; also S. C. Rhode Island Reds, prize winners, at $1.25 per 15 eggs. Satisfaction guaranteed. Stock for sale. STUMBAUGH BROS., St. Charles, Ills.



EMPIRE FENCE

Get the genuine EMPIRE big wire fence, direct, at wholesale. Save dealer's profits.

Big Factory, Big Sales, 23 Styles

No traveling salesmen, small expense, prices low. Everything guaranteed. Free samples by mail. Prices of leading styles freight prepaid to all points north of the Ohio and east of the Mississippi River:—

Wires	Inches high	Medium Weight	Extra heavy (all No. 9)
9	39	23c per rod	37c per rod
10	47	26c per rod	41c per rod
12	55	32c per rod	49c per rod

Special rates beyond this territory.

BOND STEEL POST CO., 31 E. Maumee St., Adrian, Mich.

BROWN FENCE

Rust Proof - Bull Strong

Fences for horses, cattle, sheep, hogs, chickens, etc. 150 styles.

BARGAIN PRICES:
14 Cents Per Rod Up.

We pay the freight. Lawn Fences and Gates. Free catalog and sample.

The Brown Fence & Wire Co.,
DEPT. 70 CLEVELAND, OHIO

DRUMMOND FENCE LEADS!

WHY



No wraps, no twists to injure galvanizing. The Big Wire Heavy Stay Kind. Extra Hard High Carbon Coiled Spring Steel Wire, heavily galvanized, easy put up. For Strength and Endurance it's the Fence you will Eventually buy. Now is the time. Save money. Free Sample. Catalog and Wholesale prices.

DRUMMOND WIRE FENCE CO., Dept. D Chillicothe, O.

13¼ Cents a Rod



For 18-in. 14 3-4c for 22-in. Hog Fence; 15c for 26-inch; 18 3-4c for 32-inch; 25c for a 47-inch Farm Fence. 48-inch Poultry fence 28 1-2c. **Sold on 30 days trial.** 80 rod spool Ideal Barb Wire $1.45 Catalogue free.



KITSELMAN BROS.,
Box 289 MUNCIE, IND.

47-Inch Fence, 24c Rod

Other styles at proportionate prices.

Heavy high carbon steel wire thoroughly galvanized. Can't rust. Stretches anywhere. Shipped direct from factory to you. Sample and catalog free. Write today.

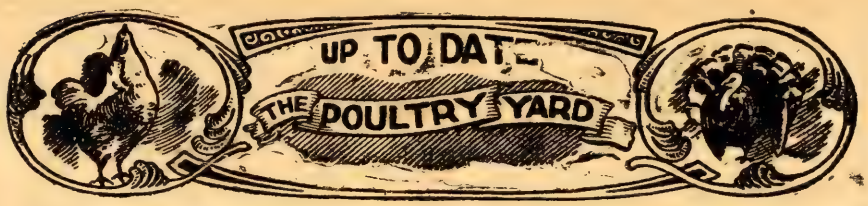
The Shaw Wire Fence Co.
Box 4 Warsaw, Ohio



DWIGGINS Wire Fences CHEAPER THAN WOOD

Superior Galvanizing, Farm Fences, Gates and Arches of all kinds. Superior workmanship. Catalogs sent free

Dwiggins Wire Fence Co., 208 Dwiggins Ave., Anderson, Ind.



A NEW CHICKEN BUSINESS

FOR many years eggs for incubation have been shipped for hundreds of miles, but not until recent years have eggs fresh from the incubator been sold and shipped instead of the eggs. During the past year one firm alone hatched and sold nearly 60,000 day-old chicks, some of the shipments traveling a thousand miles, with but few losses. Firms selling day-old chicks, as a rule, insure safe arrival of chicks, and will replace free all that die in transit. A neighbor of ours last spring purchased from a distance 4,000 day-old chicks and very few of them were dead when the shipment arrived.

The advantage to the purchaser of day-old chicks is that he is sure of living birds, while when eggs are purchased he is not sure that all will hatch. With eggs received from a distance the jar and chilling through handling seems to injure or destroy the germs, so that in many cases very poor hatches result. Also, in case of purchasing pure-bred birds the purchaser knows absolutely what he is getting, while with eggs almost anything may hatch from them.

It is a well known fact that chicks when hatched need no food or drink for two or three days, as the yolk of the egg absorbed by the intestines of the infant bird just previous to coming out of the shell furnishes food for all living and growing needs for the first day. In fact, if chicks are fed immediately after hatching death or serious disorders are sure to result. For this reason, day-old chicks can be shipped long distances without food and water and arrive in the best of condition. For shipment, they are placed in a heavy paper box with small openings on the sides for cold weather, and in wooden boxes with muslin tops for warmer weather. In these boxes, which are similar to fireless brooders, the chicks have plenty of air to breathe and their own bodily heat keeps them warm on the journey. They, of course, are sent by fast express and are always in a warm station or warm express car. Directions on the boxes containing the baby chicks tell the express agents how to handle them. The only dangers in transit are rough handling and suffocation, the latter being due to crowding the boxes among other packages where the supply of fresh air is cut off.

Firms hatching and selling day-old chicks to the trade have orders booked ahead for the birds. An order is filled and the chicks shipped as soon as the hatch is completed. In most cases the chicks are held for from twenty-four to thirty hours before packing for shipment. But where the shipment is to travel from a thousand to two or three thousand miles the baby birds are started on their journey as soon as possible. They will live and retain vitality for four days, but die the sixth. In most cases shipments are not more than twenty-four hours in making a journey, and hence, the chicks suffer no evil.

Mature animals sent by expressage for long distances are fed and watered by express agents, but not so with baby chicks. They must positively not be fed or watered on the journey. When they are received and unpacked they must be placed in a roomy brooder with a temperature of 90 degrees F., and fed fine grit at first. After about six hours they may be given warm water, and after about twelve hours they may be given a small feed.

The prices for day-old chicks vary according to the breed and breeder. In lots of less than a hundred they are more in proportion than in lots of a thousand. Common chicks sell for about ten cents apiece by the thousand, while pure-bred birds sell for from fifteen to thirty cents apiece either in large or small lots.

There is an advantage to the seller as well as to the purchaser in the day-old chick business. Often the best of eggs are shipped and the purchaser will make some blunder in incubating them, and hence send word to the seller that the eggs were not good. When live chicks are sent no complaints are possible.—Journal of Agriculture.

It is merely a self-evident fact that every farm should have an incubator. Practically every machine is guaranteed to please or money back. This means they are easy to operate and sure of results. A good instructive catalog to have is issued by the Sure Hatch Incubator Co., Box 28, Fremont, Neb. We suggest readers send for it.

A big New York house is offering an attractive Cream Separator proposition to readers of Up-to-Date Farming. We refer to Macys, 34th St. and Broadway, New York city. Every reader of Up-to-Date Farming with three or more cows, who does not have a separator should write for their separator offer No. 7702. A postal card will do. Send today.

Harp or Tom Tom

"Won't you try a piece of my wife's angel cake?" "Will it make an angel of me?" "That will depend on the kind of a life you have led."—*Houston Post.*



The Famous Broncho Buster Hat, Delivered anywhere for **$3**

The kind our Texas Cowboys always wear, very picturesque and serviceable; stiff never-flop brim, guaranteed to hold its shape, light tan color, with richly carved Mexican leather band; made in two dimensions; crown 4 1-2 inches, also 5 1-2 inches; brim, 3 inches, also 3 1-2 inches; a regular $5.00 hat—sent express prepaid anywhere for only **$3** Order today—Satisfaction Guaranteed or your money promptly refunded. Dealers write for our special offer. Houston Hat Co., Dept. U, Houston, Texas



STAR FENCES COSTS NOTHING

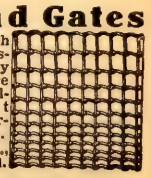
to find out about our fences. **Guaranteed** in every respect. **Best quality** wire used. Easy to erect. Allowance for expansion and contraction. See our crimp. Nothing like it elsewhere. Write for Free Catalog.

Dwiggins Wire Fence Co., 208 Dwiggins Ave., Anderson, Ind.

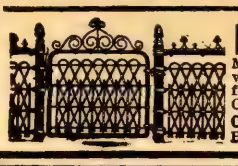
Farm Fence and Gates



Send for prices with manufacturers' discounts on poultry and farm hard wire fence. Best of galvanizing. Great strength—long service. Write today.



The Ward Fence Co., Box 378, Decatur, Ind.



LAWN FENCE

Many designs. Cheap as wood. 32 page Catalogue free. Special Prices to Churches and Cemeteries.

Coiled Spring Fence Co. Box 416 Winchester, Ind.

A LIE NAILED!

Separator buyers, Beware. Look out for agents who resort to **false statements** about their competitors. Get the facts—decide for yourself. The amazing success of the **New Butterfly Separator**, particularly its exclusive **Aluminum Skimming Device** has caused **unscrupulous** competitors to make all manner of **misrepresentations** in their efforts to overcome its widespreading popularity. Because the

New Butterfly Skimming Device

has no equal—because it is the only one to which milk slime won't stick—because being made of **aluminum** it is the lightest, yet the strongest and best material for the purpose—because it skims closer—is easiest to clean—they falsely say it is a short-lived affair—yet it is backed **by a lifetime guarantee** (theirs are not) and this is how we **Nail the LIE.** We offer to send to anyone a section of this Famous **Aluminum** Skimming Device and let you see for yourself the actual facts; the **truth**—in the case. Just write your name in the coupon below—put in an envelope—mail it today—we'll do the rest.



Don't Take Anybody's Word

ALBAUGH-DOVER CO.
2193 Marshall Blvd., Chicago

Gentlemen:—Please send me, FREE and PREPAID, Sample Section of your Aluminum Skimming Device for examination and test. Also 1911 Free Catalog. This request places me under no obligation whatever.

Name _____

Town _____

State _____

Fill Out the Tag—Do it NOW

If you prefer a postal or letter will do.

Get This Sample Section FREE

Help Nail the Lie in YOUR Neighborhood

Test It Yourself First, test it for its strength. Place it on the floor, curved side up. Now stand on it with one foot, putting all your weight on it. You'll find this small section strong enough to hold 175 to 200 pounds, which is ten times more strain than it will get in the machine. Prove to your own satisfaction **its strength.** Prove the lie that it is flimsy **is nailed.** See for yourself why we can guarantee it a lifetime, guarantee it years longer than others do or can. See the **real** reason why it is the best and strongest.

Don't Be Misled by any agents' claims and misrepresentations. Get this sample section. Put it to this test which none other dare do. Dip it in milk or cream; hold it up and watch how clean the milk or cream will leave it. That's because it is **aluminum.** That's why it is the **easiest** to clean and keep clean. Any woman knows that aluminum kitchen utensils not only are easier to clean, but wear better than any other. No wonder they "knock" the Butterfly, especially when it sells for about half their prices.

Don't Pay Out $20 to $40 for Nothing



Don't give your good money to pay the salaries and expenses of agents representing high-priced machines; especially those who practice such methods as the above to get your order. Buy from the maker direct—save one-third to one-half. Send for this Skimming Device Section—get our Free Catalog—learn why **one in four** who sent for our catalog last year are now owners of the wonderful Butterfly. Find out what they saved and how they like their machines. You can test the Butterfly Thirty Days before you send us a cent of money.

Cut out the coupon—get the facts—then decide. Do it now.

ALBAUGH-DOVER CO.
2193 Marshall Boulevard CHICAGO

States Department of Agriculture gives the following percentage of bad eggs that go into the market and the causes for the depreciation of quality, or the nature of the inferiority: Dirty, 2 per cent; broken, 2 per cent; showing chick development from having been incubated or set upon, 5 per cent; old and shrunken, 5 per cent; rotten, 2½ per cent; mouldy, ½ per cent; total bad eggs sold, 17 per cent, or 17 in every hundred.

Of course, a knowledge of this proportion of bad eggs coming into the market with the good ones, undetected, compels such a reduction of price as will meet the loss, for the loss must be sustained by some one. Such losses are always referred back to the sellers, and the only way to do it in this case is by holding the first price low enough to cover it.

In one sense this is just and in another it is not. There are those who will not sell any but good eggs, and these must share in the loss equal with those who sell the bad ones, thus making the honest people share the loss and disgrace equally with the dishonest.

The present system of buying therefore, is a temptation to dishonesty, and it affords no inducement to be honest in marketing eggs. This is unfortunate, and there should be a different system. But how? By weight? That has been suggested, but it would scarcely be effective; it would pay less for small and light eggs, but it could scarcely detect the bad ones. We can think of no remedy but the actual testing of the eggs at the original purchase, and refusing to buy the bad ones, but it is very questionable if that is practical on account of the time it would take to do the testing.

NOT SPECIALLY FANCY FOWLS

W. E. VAPLON, poultryman of the Colorado Agricultural college, gives the following advice as to poultry on the farm, which we fully endorse:

And we don't need $7,000 hens on the farm nor standard bred stock, unless the requirements of the standard are such as to mean profitable production. Some breeds that conform closely to the 'Standard of Perfection" are profitable birds from an egg-producing or egg-and-flesh-producing standpoint; others are decidedly not. In making a selection of a breed of egg production keep in mind the dairy type of cattle; if a dual purpose fowl is wanted the Plymouth Rock type is a good one; the long back, oblong body, legs well spread, denote large capacity for food assimilation, plenty of room for good lungs, egg organs, etc. But, as the beef type will put food into flesh instead of into milk, and the alert, active, lean, sharp dairy type will put her food into milk, so will the beef-type fowl often put food into flesh instead of eggs, while her active, nervous, hustling sister, sometimes of the same breed, will never carry surplus flesh but will put her food into eggs.

Let our stock be pure bred, one breed on the farm, and there is a better profit where there is one breed in a community as the output is then more uniform and will create a demand at special prices.

Already Attended To

Teacher—Tom, if you and Joe have been fighting again, I shall have to give you both a good whipping.

Tom—Yes'm, we deserve it, but Joe has already had his'n.

Harpers Magazine is the standard American magazine. Its fiction is of the highest order. Its articles are of the highest class. For fifty years it has gained in favor with those who want the best a magazine can give. For sale at all news stands.

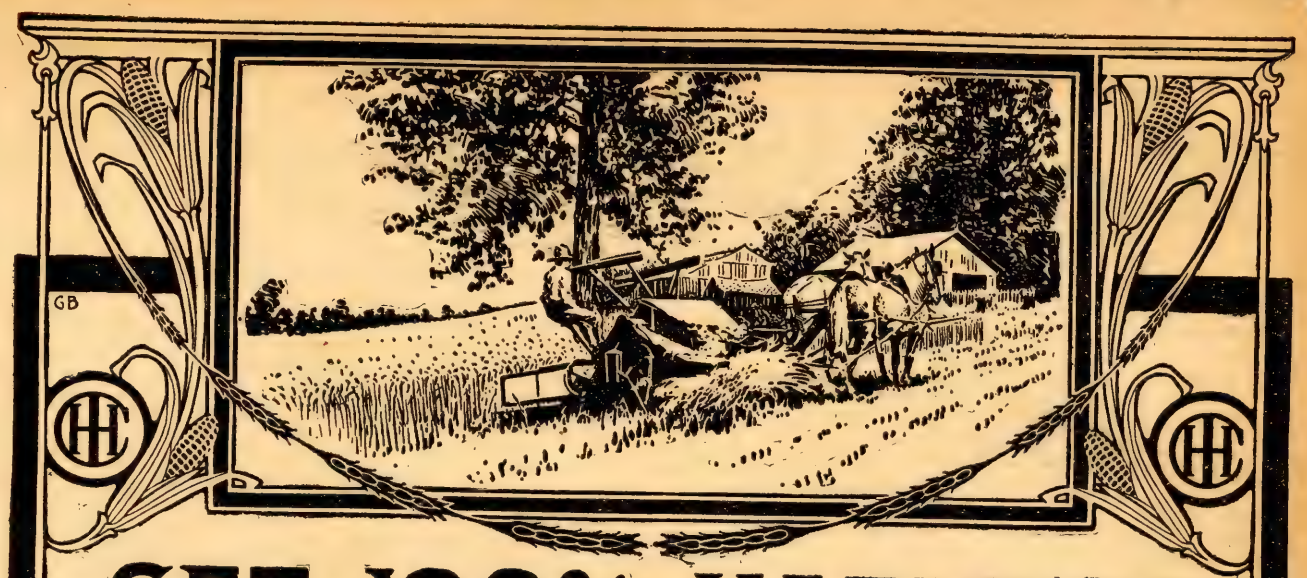
A farm in glorious California! A fine irrigated farm in this wonderful climate is within the reach of all. Write H. L. Hollister & Co., Dept. 134, 204 La Salle St., Chicago, Ill. Booklets and plan free.

Bicycle on ten days' free trial. Boys, send for plan to Mead Cycle Co., Dept. N-170, Chicago, Ill.

Not a Patent Medicine

Bodi-Tone, the tablet medicine which is becoming so popular through its cures, is not a patent medicine. Its ingredients are not a secret. It contains Iron Phosphate, Gentian, Lithia, Chinese Rhubarb, Peruvian Bark, Nux Vomica, Oregon Grape Root, Cascara, Capsican, Sarsaparilla and Golden Seal. Such ingredients guarantee its merit. Read the trial offer on the second page.

The big Wm. Galloway Co., 503 Galloway Station, Waterloo, Iowa, makes a cream separator of many superior features. If you need a separator write for their 90-day trial proposition and free catalog.



GET 100% HARVEST

WHAT is the harvest outlook? How is the grain coming up? Does it look like a bumper stand?

These questions are of vital importance to you. But there is another question of even greater significance—**will you get a 100% harvest?** It's the grain you harvest that really counts. That is why it means so much to you to harvest 100% of the stand of grain.

To get all the grain, you must have perfect harvesting machines. All good farmers are agreed on that point. And that is just the reason why they select harvesting machines branded with the I H C trademark—under any one of these six celebrated names.

Champion **Osborne**
Deering **Milwaukee**
McCormick **Plano**

They know by experience that I H C harvesting machines are absolutely dependable—that they go through season after season of hard work without a slip-up—without a serious delay of any kind. They know that the margin of safety in the strength of each part is assurance of their ability to stand up and do splendid work even when unusual strain is placed upon them.

They know that I H C harvesting machines work satisfactorily under adverse conditions—where the grain is lodged, tangled, and down—short or tall—when the land is hilly or level. They know that I H C harvesting machines are built so as to allow for a wide range of adjustment to meet every field condition—for example, if the grain is down and tangled, the reel and platform can be so adjusted that all of the grain will be cut and bound much the same as if it were standing straight.

They know, too, that on I H C harvesting machines, all the bearings are easily accessible so that they have no difficulty in oiling the working parts and giving the machine the attention which it should have in order that the full measure of success may attend its work throughout the harvest season.

And I H C harvesting machine owners know that if by accident any part of their machine should happen to break, an exact duplicate of that very part can be obtained quickly from the I H C local dealer. You know what that means to you when the grain is rapidly ripening. No long delays—no worry—no sending all over the country for parts—no possibility of losing any part of the harvest. Consider that point very carefully when buying a harvesting machine. No one can foretell accidents. But you must be protected against big losses by quick action in repairing the damage. That is but one advantage of the wonderful I H C organization.

The harvesting machine proposition concerns you so vitally that you ought not to delay in getting the equipment you need. Why not see the I H C local dealer some day this week—tomorrow if you can? Let him tell you which of the six I H C harvesting machines meets your requirements best. Ask him about haying machines and tools of these lines.

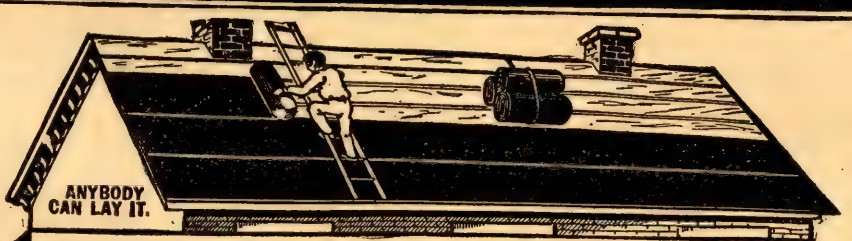
Let him tell you about binder twine too. Get the facts about these seven dependable brands and be sure of perfect twine. Choose Champion, McCormick, Osborne, Deering, Milwaukee, Plano, or International—in Sisal, Standard, Manila, and Pure Manila brands.

If it is not convenient for you to see the I H C local dealer, write direct for full information and the catalogues you want.

INTERNATIONAL HARVESTER COMPANY OF AMERICA
(Incorporated)
Chicago U S A

I H C Service Bureau

The Bureau is a clearing house of agricultural data. It aims to learn the best ways of doing things on the farm, and then distribute the information. Your individual experience may help others. Send your problems to the I H C Service Bureau



Rubber Roofing

Warranted For Twenty-Five Years.
FREIGHT PAID To Any Station East of Rocky Mountains, except Texas, Colorado, New Mexico, N. Dakota, S. Dakota, Wyoming, Montana. Special prices to these states on request.

ONE-PLY .... Weighs 35 lbs., 108 Square Feet, $1.10 per roll.
TWO-PLY .... Weighs 45 lbs., 108 Square Feet, $1.30 per roll.
THREE-PLY . Weighs 55 lbs., 108 Square Feet, $1.50 per roll.

TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

Indestructible by Heat, Cold, Sun or Rain.

Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.
CENTURY MANUFACTURING COMPANY, Dept. 414, East St. Louis, Ills.

WHAT farmer will refuse to pay $1.00 for a membership "at large," or $2.00 in a local union of the Farmers Society of Equity, to build a marketing machine for profitable prices when he knows he has been paying 25 to 50 per cent of his earnings to the exploiters of farm crops in the past?

WE WILL PAY A
Salary to Representatives

We want a man or woman in each county to take subscriptions for

UP-TO-DATE FARMING

We will pay a liberal salary for part or whole time. No experience necessary. Anyone can do it. We want persons who can devote only a few hours a week to the work. We want representatives who can give a good part of their time to it. Also we want those who can give their entire time to the work. All are assured

Good Pay—Some as High as $150 Monthly

Write for free outfit. Costs nothing to start. See your friends. Send today—a postal card will do.

Salary Department
UP-TO-DATE FARMING, INDIANAPOLIS

had come. "Pappy," she appealed, on the way home, "ef Gord don't get onruly about this bridge business, won't you—will you think that soldierin' has done cured him of bein' so wild?"

"Ef Gord Bosang don't disgrace himself about the bridges, I reckon he never will," oracularly.

"Does that mean that you'll let him come to the house, and—and not say 'no' ef he was to ast you fer me?" pursued the soft voice tremulously.

"Not if you have a chance to get to him and warn him," put in the old man shrewdly.

Just then Bosang's buggy, a new one which he had bought with the fabulous funds that came back with him from his soldiering, whirled lightly past them.

"Look at him now," growled the father, with the cynicism of a man who, fond of driving a pretty good nag, has been passed in the road. "See him run that hawse of his. Now you wait till he gits to the bridge, and watch him plumb knock the plankin'. I won't need to make you no answer after that, I reckon."

"But promise—promise," urged the girl, with the desperate valor of the timid.

"Oh, I promise, all right enough. Ef he goes ca'm an' quiet 'crosst that bridge, with that there colt o' his'n, he'll do more than I—Gosh Mahaley!" The exclamation wrung from the old man might reasonably be termed warrantable. For there ahead was Bosang, the chartered libertine, pulling down his fractious colt to an unwilling walk! Virgilia stared with half incredulous eyes, as her lover tip-toed across the bridge, in the very fashion Orba Hands had described.

"Gug—gosh Mahaley—vine!" muttered the old man again, and in his anxiety to see more of the performance, and to know the reason for it, he whipped up his own fairly spirited nag, and trotted briskly onto the first planks of the bridge. With the unwonted hollow thundering beneath his feet, Nicodemus became excited, broke into a canter, and finally into a run! Young Bosang turned from the further end of the bridge and looked back.

"Hi! Hi!" he shouted. "Don't you know you can't drive over that bridge faster than a walk?" Then he saw to whom he was calling. "Why, Mr. Purse!" he remonstrated. "There's nary man in Godsey county that I'd been so onlikely to suspicion of cuttin' up a trick like that!"

Old Jeptha ranged his spring wagon alongside the shining new buggy. "Gord," he began sheepishly, "I forgot what I was a-doin'. I was so pestered to why you didn't run your hawse over the bridge. "Why didn't you jest burn the wind, gettin' 'crosst there? You're the only feller in the United States that's got the right to do sech. Seems to me," he added, almost pleadingly, "that ef I was you I'd let her flicker, shore—I would shorely let her brindle!"

Virgilia leaned forward, her hands locked tight together in her lap, her whole soul in her eyes. Now was the crucial moment; she knew that her lover was all that he should be, and more than any other man she had ever known could be; but, oh, would he be discreet—would he be wise—and say exactly the right thing to Jeptha Purse?

Bosang shifted his lines in practiced fingers. "Steady there, you wild, onruly feller!" he murmured to his prancing colt, then looked, somewhat humurously, at the man whom he was fain to have as a father-in-law.

"No, you wouldn't do nothin' of the sort, Uncle Jeptha," he said, addressing the other in mountain fashion.

"For why wouldn't I?" inquired the old man, thrusting forward a keen, demanding, pugnacious profile.

"You wouldn't run your hawse 'crosst no bridge where you had the privilege so to do," the young man pronounced. "I've got the right, and I've found out this was all I wanted—jest the freedom to do like I please. I was mad as I could be when I heard you comin' lopin' over that bridge jest now—I reckon I felt same as you have felt many a time when me, or some other feller, done what we had no right to do. Sence you folks give me the privilege of drivin' fast 'crosst the bridge, I jest can't stop myself from watching the other fellers and warnin' 'em ef they hurry up a little. As for me, I never do nothin' but crawl acrosst 'em."

"Pappy! Pappy! you promised—you know!" Virgilia whispered.

The expansive grin vanished from Jeptha's countenance, to make room for a startled look which passed, in time, into a curious, wry smile. But the old man was game.

"Won't you come home and take dinner with us, Gord?" he uttered slowly. "We hain't seen nothin' of you sence you got back from the Phillypeens."

"I'd be proud to, sir," declared the soldier. Then as the two pairs of ardent young eyes encountered: "Would ye—can Virgily ride behind the colt, sence I'm not—"

"Not knockin' any bridges down," supplied the old man, as, the girlish form transferred from the spring wagon to the new buggy, he jogged on alone and added suddenly:

"How come I in front, an' them behind?" then laughed chuckingly at his own dullness of wit.—Grace McGowan Cooke.

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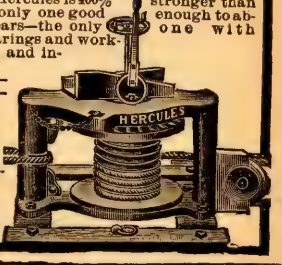
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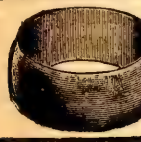
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TOO NICE TO LIVE IN

HOUSECLEANING time! That sounds ominous to most husbands. Not that they object to the work that is involved in it, for they seldom do very much of the work, but they dislike to see things topsy-turvey, and they really regret for their wives to be burdened with the extra work and worry of those few strenuous days. They do not always realize, however, that the way to save their wives from that extra hard work is to pitch in and do it themselves, or at least to play an efficient second.

But there is an extreme. I do like nice housekeeping—everything neat and in its place, and free from dirt and cobwebs and litter. But I don't want to see a wife and mother work herself to death while she is yet a young woman, trying to keep her house too nice to live in. We have actually known such cases—cases where house cleanliness and tidyness was almost a mania. This is such an exception, though, that it should scarcely be made a subject of remark, for an overwhelming majority of housekeepers need to be urged the other way. But a single one who works herself into slavery is worth all that can be said to save her. Everything about the home is for use or it is useless. If it is useless its purchase was a waste and that applies to a room and its furnishings and keeping the same that it does to any special article. A room whose doors are opened only for an occasional airing, and furniture and fixings that are only looked at to be admired, and whose beauty a speck of dust will mar—well, the home will be just as comfortable and the family as happy without them. Have the spare room and the parlor, but don't make a slave of yourself to keep them too nice to use.

The best way in the world to keep things neat and in order is to teach the children to do their part of it. It is just as easy for a child to put a hat, or a cloak, or a coat, or a slate, or a book, in its proper place as it is to toss it down in an inviting corner or leave it on the floor for the mother, a few minutes later, to take several tired steps to gather up and put away. And these lessons should be commenced very early. It is difficult to teach an already slovenly child to be neat; but if not permitted to acquire slovenly habits, neatness and keeping things in their proper places will be just as natural to the child as it is with others to throw everything down where it is used.

While on this subject we may say what is an undoubted truth, that parents are largely responsible for the defects of their children; that is, for the defective home habits of their children. We agree that the best raised children sometimes go to the bad, and the parents can scarcely be held responsible; but habits of neatness, politeness, obedience and firmness come of the home example and teaching, For instance, we were in a home not long ago where we heard a mother tell a ten-year-old girl to clean off the table and gather up the glasses, but "go and wash your face and hands," came before either of these tasks was begun. Then immediately followed a command to do something else. All three commands were given without time between to begin any but the last. The last thing required was done, while the other two seemed to have been forgotten by both mother and child; there was no other reference to them. How could that child be anything but disobedient, or at least careless of its mother's requirements?

That is only one case. Never tell a child to do anything until you wish it to do that thing, and then see that it does it. Should something intervene of greater importance, change the order, but explain the change. Never tell a child not to do anything until you feel that it is best for it not to do it, and then see that the thing is not done. Should you change your mind change the requirement, but explain the change. How can a child be expected to grow up with firmness and stability of character when the parents manifest none?

We have talked of two subjects under the head of one, but both are important and have a direct bearing on housekeeping and work in the home.

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You can get along on the things you grow?
Come, come, 'tisn't fair, we can't live that way,
And we count on the farmer's trade, you know?"

"Well, how much wheat can you sell me today?
I'll give you straight eighty, a good price now—
What! 'You will hold it awhile,' you say,
'Till it gets to a dollar, anyhow?'
Come, come, 'tisn't fair, I've orders to fill,
My customers write to hurry along,
You won't take a cent less? Oh, dear! I will
Have to yield, I s'pose. But you know it's wrong."

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5351—LADIES' THREE-PIECE SKIRT, cut in six sizes, 22 to 32 inches waist measure. Size 24 measuures 3 yards around lower edge and requires 3¾ yards 44 inches wide. Price 10 cents.

Select any pattern you want at 10 cents each and send all orders to

UP-TO-DATE FARMING
Indianapolis, Ind.

GAME OF PLANTING THE FIELDS

THE players should be seated and each provided with pencil and paper. One is chosen as the farmer, and announces that his fields are lettered instead of numbered, and that he is now ready to plant them. He then asks:

"What shall I plant in Field A?"

Nothing must be planted in that field except what begins with A, as apples, alfalfa, asparagus, etc. Each now writes as many different cultivated crops or plants beginning with that letter as he or she can think of. After giving a reasonable time, not too long, the farmer asks:

"What weeds must I keep out of that field?"

"A" must be the first letter of the names of the weeds, and time is given to write as of the weeds, and time is given to write as so on through the alphabet, or as far down the alphabet as time will admit. The names should all be read at the close of the game, and the one that has the most names should be awarded some sort of a prize. If the game is played in the family, or by those who are frequently together, the alphabet may be divided into parts, and several games made of it. A prize may be awarded at the close of each game, and a special or sweepstakes prize at the close of the last game of the alphabet. This is an excellent means of learning the names of crops and cultivated plants, and also of weeds.

Money Made in Wheat.

Secretary Wilson, of the Department of Agriculture, says that he overheard a man in a restaurant say to another: "You told me that Andrews was a farmer, didn't you?"

"I told you nothing of the kind," was the reply. "I told you that Andrews made his fortune out of wheat. You never heard of a farmer getting rich out of wheat."

It doesn't pay to buy a new buggy or pleasure vehicle of any kind without first getting the Split Hickory catalog. For years reliable Split Hickory vehicles have been sold direct to farm users from the factory. Guaranteed, and they will save you money. Write H. C. Phelps, Pres. Ohio Carriage Mfg. Co., Station 99, Columbus, O.

For a clear report of news of the day worth while the Outlook, New York, should be read. Theodore Roosevelt is a contributing editor.



A Nation of "Rapid Fire" Eaters

The people of the United States are known all over the world as a Nation of dyspeptics. We don't take time to eat properly or to *eat proper food.* Everyone would live longer—be healthier, feel better, do better work, and do it with greater ease if more time were taken in eating and more UNEEDA BISCUIT *eaten.* UNEEDA BISCUIT are the most nutritious of all foods made from flour. UNEEDA BISCUIT are always fresh, clean, crisp and good. UNEEDA BISCUIT are muscle makers and brain builders. In short, the National Soda Crackers are

Uneeda Biscuit

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In the moisture-proof package

NATIONAL BISCUIT COMPANY

DON'T PAY MONEY GET YOUR SEEDS ON OUR TERMS

To prove to the farmers everywhere that the subscribers to UP-TO-DATE FARMING get 25 to 35 per cent. more for their crops than others do we make this great offer. Send your subscription now, with the grain of corn coupon. You will receive all the high bred, seeds for crop improvement, named below;

UP-TO-DATE FARMING

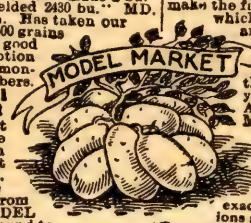


600 Grains Farmers Interest Corn Has been bred and improved more than 15 years. The most productive white dent corn in the country. If your corn yields less than 100 bu. per acre on good ground send for this at once. Read extracts from letters: INDIANA, "Farmers Interest yielding 100 to 120 bu. per acre all over field." "60 acres averaged 98.96 bu. per acre." "Turning out 95 to 100 bu. per acre." KY., "Yielding 100 to 120 bu. per acre." ILL. "Good for over 100 bu. per acre." KANS., "Yielded 114 bu. per acre. Ears like arms of giants." TENN., "Largest, heaviest and best, 50 ears made a bu." IOWA, "28 acres yielded 2430 bu." MD. "Greatest ever seen. Has taken our country by storm." 600 grains will yield 10 bu. on good ground. Full description and complete testimonials free to subscribers.

1-2 Lb. Model Market Potato and a secret process how to raise 3 to 5 times as much from a given amount of seed. Guaranteed. By our process you can raise 1 to 3 bu. from the half pound. MODEL MARKET is white, round to oblong, smooth, bakes or boils like white flour. Out yields Kings, Carmens, Rurals and Burbanks. The greatest yielder of all and the market's model. We give 1-2 lb. free. Think of the prices you have paid for New Potatoes before.

10 Pkts. Vegetable Seeds including a package of the largest, heaviest and most productive Pumpkin in existence. Read this letter: "Perhaps the greatest exhibit was 21 pumpkins grown on one vine. The total weight was over 1000 lbs. the average weight was over 50 lbs. This is what our paper printed about your mammoth pumpkins that I exhibited at our institute."—Mrs. Jas. Seeds, Lawrenceville, Ill. The other seeds are: Cabbage, C. W. T. and All Head; Beets, Columbia; Cucumbers, Everbearing; Lettuce, Everlasting and Early Curled; Radishes, Crimson Giant and Cin. Market; Tomato, O. K. First Early and Quarter Century. These seeds will give you the best garden you ever had.

10 Pkts. Choice Flower Seeds including one pkt. Pyrethrum, a large, showy plant which bears a profusion of delicate pink daisy-like flowers. The dried and powdered flowers make the famous Persian Insect Powder which, while harmless to people and animals, is sure death to bugs, worms, flies, mosquitoes, bed bugs, roaches, etc., on plants and in the house. Once sown last for years. The other 9 pkts. are Asters, Balsams, Carnations, Marigold, Pansy, Phlox Drummondi, Nasturtium, Poppy, and Sweet Peas. 10 Pkts.



30 Big Cash Prizes Will be awarded to subscribers who plant these seeds. No exacting conditions. Full instructions sent with each collection.

For Only 50 Cts. We will send Up-to-Date Farming one year and all these seeds Postpaid. 24 big numbers. 22 different varieties, 22 packages.

Yours Free Send a club of four at 50 cents each, $2.00 (5 for the price of 4) and yours will be sent **Free**

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Is published twice a month. It is the only paper in the world that has established a successful marketing system that insures for its subscribers higher prices for their grain, fruit, vegetables, cotton, poultry, eggs, butter, stock, etc. This service and system are free to all subscribers. We make this offer to get your subscription at once

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Box 53 Indianapolis, Ind.

I enclose .....please send your paper a year and the GREAT SEED DISTRIBUTION FOR 1911. A condition is, that the money will be returned if everything is not as represented.

Mr
Name.....

P. O.....

R. R..... State.....

Attach paper for more names

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DO YOU WANT TO EARN
Money for School

Any bright, ambitious; wide-awake boy or girl can earn
$200 or More This Summer
as our representative, taking subscriptions for Up-to-Date Farming. We say any bright boy or girl can do this. We mean it. Some boys will make
Double this Amount
easily. No experience necessary. Earn a salary. Write to us today. Outfit is free. Don't let some one else get ahead of you. Now is the time to write.

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Our prize collection of 20 most beautiful Souvenir Post Cards, in lovely colors and exquisite gold embossed designs, all different, extra fine quality, and the prettiest collection ever offered; to introduce our cards quickly we send these cards and latest catalogue prepaid for only 10cts; 6 pkgs 50cts. **Seymour Card Co., Dept. 90, Topeka, Kan.**

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The best outfit you ever saw. Every one is delighted. 5 pieces: BALL, regulation size and weight, rubber center, horsehide cover. **FREE**
Catcher's Mit, heavy tan leather, tape bound. **Mask,** steel wire, padded. **Baseman's Glove,** tape bound, padded. **Bat,** straight grained ash, hard hitter. Everything well made, ball full of life, each piece bound to be satisfactory. Send 3 two-cent stamps for handsome premiums and instructions how to introduce the Agricultural Epitomist and get Base Ball Outfit Free. **D. W. BEACH, Editor, Box 1, Spencer, Indiana**

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Fish Bite Like hungry wolves any time of the year if you use **Magic-Fish-Lure.** Best fish bait ever discovered. Keeps you busy pulling them out. Write to-day and get a box to help introduce it. Agents wanted. **J. F. Gregory, Dept. 82 St. Louis, Mo**

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We positively give **free** a fine Adjustable Signet Bracelet, guaranteed 5 years, also a beautiful Stone Set Ring for selling 20 packs high-grade art post cards at 10c a pack. Order 20 packs, when sold send us $2. and we will positively send Bracelet and Ring. **WELLS MFG. CO., Dept. E47 CHICAGO**



SIGNET RING 12c.
Any initial. Any 2 or 3 initials hand engraved for 17c. Premium list and sample copies of our two magazines FREE with every order
Family Story Paper Co., 26 Vandewater St., N. Y.

20 Beautiful Post Cards 10c
Very Choicest Gold Embossed
Lovely assortment of 20 Artistic Friendship, Good Luck, Roses and Flowers in exquisite colors all for only 10cts. if you answer this ad immediately.
J. H. Seymour, - 234 W. Eighth St., Topeka, Kan

10 POST CARDS FREE
We will send you 10 of the prettiest post cards you ever saw if you will cut this advertisement out and send it to us with 4c to pay postage and mailing and say that you will show our post cards to your friends and explain our offer to them. D-223, NEW IDEAS CARD CO., 33 So 5th St., Phila., Pa.

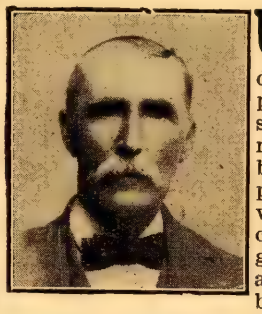
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Send only 2c stamp and receive 5 colored Gold and Embossed Cards FREE, to introduce post card offer.
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6 Lovely Post Cards 2c
Send 2c stamp for 6 of the prettiest cards you ever saw; gold embossed, varnished, etc. Illustrated catalog free; also Big Surprise Offer to Post Card Buyers and plan to get 100 rich cards free. ELLIS ART CO., DEPT. 224, 538 LAWNDALE AVE., CHICAGO.

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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.



JOHN P. STELLE
Associate Editor
UP-TO-DATE FARMING
and
Originator and Editor
of
Cadets of Equity

UP-TO-DATE Farmings' Cadets of Equity is perhaps the strongest and most progressive body of young people in the world today. Of course, the organization is not a compact one, but the Cadets communicate with each other and thus form pleasant acquaintances in every state of the Union and in Canada and Mexico. My greatest regret in connection with the Cadets is, that we can not make room in the paper for all the letters that are written; but I am sure that my young friends understand that a paper like Up-to-Date has many interests to take care of, many departments to serve and many questions to discuss. Without these it would not be Up-to-Date. The best thing I can do with the letters that are crowded out, is to publish the names and addresses of the writers, and thus make them Cadets of Equity. Every such writer is enrolled on the Cadet Record.

The origin of the Cadets of Equity is not without interest. I always did feel a great interest in young people, for I know all about their struggles and laudable ambitions, and much of my life has been devoted to teaching them. I realized that Up-to-Date Farming, with its powerful influence for good, could be made a splendid means of introducing young people from all parts of the world, of opening up to them new opportunities, enabling them to teach each other the different ways, scenes and products of widely separated portions of the country and the world, greatly enlarging their views, and affording them no small degree of pleasure.

With Mr. Everitt's consent and approval, the Cadets of Equity was started. How to get enough letters to begin with was a problem, and it was a little amusing to us of the editorial staff. My immediate acquaintances were drawn upon, and thus we dragged on for two or three issues. But the readers of Up-to-Date are earnest, progressive people, watchful of opportunities, and it was not long until good letters began to pour in by every mail, and soon the problem was how to make room for them all instead of how to get enough to fill the space alloted. I need not say how much I love the writers, nor how glad I am to aid and encourage them; and I know from what the writers say, and from what I learn from other sources, that they appreciate Up-to-Date Farming. The very best way for them to aid the paper is to get their friends to subscribe for it. Hundreds of them have done so, and it is easy to do that. Twenty-five cents a year—$1.00 for four years—and the ten beautiful cards each subscriber gets, and the 30 equally beautiful cards sent to the Cadet that gets the subscribers is certainly an aid and inducement. We do our part, don't we? And, then, every one sending subscribers becomes a Pioneer of Equity, an actual worker in the great cause of justice and equity for the farming masses.

We begin our letters today with a splendid one from a Virginia school teacher.

DEAR CADETS: Up-to-Date has been coming to my home for more than two years. I have been very much interested in the letters you have written, and I always look for them first when the paper comes. Do you like to have schoolmarms join the circle? Here comes one of that modest "happy-go-lucky" type, from the "Old Dominion." My highest aspiration has always been to be useful in the world, and make it better for my having lived in it. That is why I chose teaching as a vocation, which, in Virginia, ranks next to the ministry. I had a nice school during the past winter, one and a half miles from my home. I like the work very much. I had a faithful horse, and when the weather was bad I rode her to the school house. I could then either tie up the reins and send her home, or keep her in a neighbor's barn. Having taught the term of five months, I am now with my parents on the farm. I love farm life, and, as my mother educated me from the kitchen to the parlor, I am not afraid of work, and I can do most anything that a farmer's daughter would be supposed to know how to do; but my favorite task is raising all kinds of poultry. I will be glad to exchange view cards or letters with the Cadets.—Elizabeth L. Pack, Pearisburg, Va.

We now admit a Chicagoan, who has had enough of the city, and becomes poetic in telling why:

DEAR CADETS: Will you kindly make room in your well filled ranks for a stranger from the Windy City? It is now eight years since we sold our farm and moved to Chicago, and I want to "come back." I like city life very much, but "back to the farm" for mine. I would like to exchange cards with Cadets near my age—18 years. The following gives a clear idea of how things fare in the city:

We kept a cat;
The neighbors shot that!
We kept a cow;
She's butchered now.
We kept a chicken;
The neighbors kept kickin'.
We kept a dog;
He's dead as a log.
Everything we kept

FREE WATCH RING & CHAIN



We positively give to BOYS and GIRLS a BEAUTIFUL American-Made stem-wind, stem-set watch with handsomely designed case, proper size. GUARANTEED 5 YRS. Also dainty ring, set with three sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain. We Guarantee Satisfaction.
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STEM WIND & SET — WATCH RING & CHAIN FREE
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We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. **WILLARD WATCH CO., Dept. 537 CHICAGO**



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FOR SELLING POST CARDS



We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2. and we will positively send you the Watch, Ring & Chain. **WELLS MFG. CO., DEPT. 525 CHICAGO**



JAP SNEEZE POWDER



Cachoo. Latest novelty for jokers, A specially prepared powder, extra strong. Smallest part when blown in to the air causes every one present to sneeze. Sample PP. 10c. 3 for 25c
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Ladies & Gents Watches FREE



We give all grades of Watches for selling our fine Art Post Cards at 10c per pkg. Order 20 pkgs. today. When sold, send us the $2.00 and we will send you an elegant 5 YEAR GUARANTEED WATCH, also a FINE SIGNET RING and a CHAIN, postpaid, as per our premium list. IT COSTS YOU NOTHING. Write us to-day.
BELMONT MFG. CO., Dept. 139 CHICAGO



These 4 RINGS FREE



Send your name and address and we will send you 12 Beautiful Oriental Rings to sell at 10 cents each. All the rage in New York. When sold return us $1.20 and get these four Solid Gold Laid Rings Free, also our 20-page premium catalog listing 100 premiums and how to get them. 822 **SCHNEIDER CO., 735 Orient St., Palmyra, Pa.**



12 YOUR NAME IN GOLD 10c
or town greetings or Embossed colored Post Cards. 100 for 75c. **N. L. MUNRO'S, 24 Vandewater St., NEW YORK.**

WANTED—RIDER AGENTS IN EACH TOWN and district to ride and exhibit a sample 1911 Model "Ranger" bicycle furnished by us. Our agents everywhere are making money fast. *Write at once for full particulars and special offer.*



NO MONEY REQUIRED until you receive and approve of your bicycle. We ship to anyone, anywhere in the U. S. *without a cent deposit* in advance, *prepay freight,* and allow **TEN DAYS' FREE TRIAL** during which time you may ride the bicycle and put it to any test you wish. If you are then not perfectly satisfied or do not wish to keep the bicycle you may ship it back to us at our expense and *you will not be out one cent.*

LOW FACTORY PRICES We furnish the highest grade bicycles it is possible to make at one small profit above actual factory cost. You save $10 to $25 middlemen's profits by buying direct of us and have the manufacturer's guarantee behind your bicycle. **DO NOT BUY** a bicycle or a pair of tires from *anyone* at *any price* until you receive our catalogues and learn our unheard of *factory prices* and *remarkable special offer.*

YOU WILL BE ASTONISHED when you receive our beautiful catalogue and study our superb models at the *wonderful low prices* we can make you. We sell the highest grade bicycles at **lower prices** than any other factory. We are satisfied with $1.00 profit above factory cost. **BICYCLE DEALERS,** you can sell our bicycles under your own name plate at double our prices. Orders filled the day received.

SECOND HAND BICYCLES—a limited number taken in trade by our Chicago retail stores will be closed out at once, at **$3 to $8 each.** Descriptive bargain list mailed free.

TIRES, COASTER BRAKE rear wheels, inner tubes, lamps, cyclometers, parts, repairs and everything in the bicycle line at **half usual prices.**

DO NOT WAIT—but write today for our *Large Catalogue* beautifully illustrated and containing a great fund of interesting matter and useful information. It only costs a postal to get everything. **Write it now.**

MEAD CYCLE CO. Dept. N-170 CHICAGO, ILL.



BASEBALL SUITS

We are giving away thousands of specially made **Baseball Suits** to boys who help us. We started early, as all indications point to an EARLY SEASON. Our specially made **Baseball Suits** are made from carefully woven **light gray, dark blue, black or dark red material.** You can have any color you prefer. Our suits are made to your special measure and guaranteed to fit perfectly. The suit complete consists of pants (full padded), laced front shirt, cap and an extra good belt.

PLAYERS' OUTFIT

We are all ready for the baseball season, have a big stock of outfits on hand so can send them right out. This outfit consists, **Chest Protector** (heavily padded), **Steel Wire Mask, Large Catcher's Mitt or Fielder's Glove and Baseball.** ALL ONE PREMIUM. They are made for us by the largest and best sporting goods house in the world. So you get the best. Act promptly, and have your outfit early. Just think! I will send you free this outfit containing the above named articles, and all are given as one premium. Surely this fine outfit will make you happy.

BOYS! Sit right down this minute and send me your name and address, that's all, and I will send you, all charges prepaid, 24 Packages of OUR FAMOUS NOVELTIES which you can dispose of in a very short time on my New Easy Plan at 10 cts. each. Send the $2.40 to me and I will send you either a BASEBALL SUIT—OR A PLAYERS' OUTFIT—just as described. This is a great offer—so send your name to-day. Address G. M. BETTS, Sec'y, 627 West 43d Street, Dept. 1521, New York City.

Soon came to harm,
So mother and I
Go back to the farm.—Wm. A. Katschke, 2948 Wisner Ave., Chicago.

DEAR CADETS: I am 13 years old, and live in the Badger state, though I have never seen a badger yet. I am going to school now, though this may be my last year. I like to go to school, and I will be both glad and sorry if I finish at this term. We live in the country, and I think that is the best place to live, and I have tried both city and country. I think the Equity System is fine. We have Equity unions all around here, and we have had picnics and parties in aid of them. We have an Equity store in our town, and we are doing business. Last fall and the fall before, my father shipped stock to Chicago by the Equity System, and both times the proceeds were above what we would have received in the home market. You must not think I am a boy, but I am opposed to the Canadian reciprocity agreement. I am sure its ratification will be disastrous to our farmers. We have had Up-to-Date Farming for two years, and we think it is a fine paper. I guess we all think our own state is the best. I certainly think mine is. I dare not describe myself, lest you should be scared. You might think I came from an Indian reservation. We have a farm of 300 acres, with a big creek running through it. If the Cadets will write to me I will answer them all, and give them some stories, as I like to write stories.—Adaline Watrud, Rice Lake, Wis.

DEAR CADETS: I have been a reader of Up-to-Date Farming for only a short time, but I have already become much interested in the department for the young people, whose letters I enjoy reading very much. We think Up-to-Date a very useful paper. I live on a farm with my parents and a brother and little sister. I am 18 years old, and have lived on the farm since I was three years old. I like farm life, and I would not like to exchange it for town life. I like to work out of doors as well as in the house. I have the milking and poultry yard to care for as if it were my own, and I certainly enjoy the work. I love music, and have taken quite a few lessons on the piano. I am going to get up a club of subscribers for Up-to-Date soon.—Mabel Swanson, Alleia, Iowa.

DEAR CADETS: I am a Texas girl of 14, and I have been reading Up-to-Date a long time. My subscription expired in December, but I am making a club now, and will send in my renewal. I have had two sets of cards for making clubs, and I sure did like them. We have several acres of land. My father sold a herd of 32 cattle in the summer. I have no sisters or brothers, though I have a sister and brother dead. I have an organ, and have a jolly time. My teacher, Miss Ethel Lanier, is very kind to us children, and we have a good Sunday school. We are planning children's day in May. We have a garden of one acre, and I am the one who works it. I have onions large enough to eat now (March 30), and peas, radishes, lettuce, turnips and several other vegetables growing nicely. My birthday is October 1, and I would like to have a card shower. —Madgie Ozment, Valley View, Texas.

DEAR CADETS: We have taken Up-to-Date for four years, and we think it a fine paper. I want to thank Mr. Everitt for the nice pen he sent me, exactly as proposed. I see mention by a Cadet of the Grange and Equity working together. I think that would be good. I am not a Granger, but my husband and I are thinking of joining. I was 21 April 1, and I would like to receive cards, especially from the girls. We must all help this great cause along.—Mrs. Mary Wallace, McCleary, Wash.

DEAR CADETS: Papa has been taking Up-to-Date for about four years, and likes it fine; I do not think he would do without it. I am an Illinois girl 18 years old. I read the Cadet letters, and have got up several subscriptions for the paper. We live on a small farm two and one-half miles from town. We raise wheat, corn, oats and hay, and almost all kinds of poultry. We have 5 head of horses, and there is nothing I like better than horseback riding. I have had an organ for about three years, but have taken but one term of lessons. though I can play by sound almost any song I ever heard. I belong to the Christian church, but as I live near the Baptist church I go there to church and Sunday school, where I am teacher of a class. I would like to get a card from any Cadet and I promise to answer all I get.—Erma Driscoll, Eldorado, Ill.

DEAR CADETS: I am 20 years of age, have light hair and brown eyes, and weigh 150 pounds. I live on a 160-acre farm with mamma and papa. We raise corn, cotton, potatoes and vegetables, and we make molasses. We also have a small orchard in which we raise apples, pears, peaches and plums, though we sell only a small amount of fruit. We raise it mostly for our own use. I love to make jelly and to can fruit, but most of my canned fruit spoils. We raise hogs, cows, horses, chickens, ducks, geese and turkeys. We had a drouth last year and did not make much cotton, but we made plenty of corn and molasses. I like living in the country; I think it is so pleasant to go driving in the long summer days. Sometimes we drive as far as 15 miles to church. There are six of us in family—papa and mamma and two girls and two boys, and we use a surrey and two horses. I have four sisters married and another brother, but he does not live with us. I would like to visit Texas this fall, as I have a sister living there. We like Up-to-Date, and think it is a fine paper for farmers to read. I enjoy reading the Cadet letters so much; it is the first place I turn to when I see the paper. I am glad to become a Cadet myself, and I will answer all the post cards I receive. I have never read many letters from the Louisiana girls. It is very pretty here now (April 1). The trees are green and the flowers are roses, lilies and honeysuckle—Camile M. Blackman, 520 Commercial St., Shreveport, La.

DEAR CADETS: I am a farmer's daughter, 14 years old, and we raise wheat, oats, corn, hay, potatoes and beans. Two of my uncles have peach orchards, and my grandpa keeps bees. He has kept bees for several years, and enjoys working with them; I love to watch him care for them. He has taken Up-to-Date for several years, and he thinks it a fine paper. and no wonder, when we think of the good name it has, but not a bit too good for it. I wish to say, even though I am a girl, that Albert B. Young, of Pennsylvania, will some day be a true worker for Up-to-Date and Equity, and I trust he will succeed in organizing the farmers in his neighborhood. I would like to exchange cards with all the Cadets, and I will answer all.—Beatrice Everett, Evart, Mich.

DEAR CADETS: We have been taking Up-to-Date Farming for nearly 3 years, and we all like it very much. I always turn to the Cadet page, for I always like to read the letters. We are renters of a farm of 112 acres, and we have 5 horses, 16 cattle, 14 hogs, 150 chickens, and we have over 200 little "peepies" out already April 5). I like farming very much, and would not move back to town. We milk 8 cows. I help to do the farming and the housework also. I like outdoor work better than work in the house. I am 18 years old June 3. I would like to exchange cards and letters with the Cadets, and I shall get some subscribers for Up-to-Date, for I want to be a Pioneer.—Pricilla Eisaman, Greensburg, Pa.

DEAR CADETS: I am 18 years old, and I wish I could put Up-to-Date in every home in Oklahoma, for I know it is needed. I will answer all cards I receive, and would specially like to hear from Annie Brookshire, of Texas.—Bert Knight, Orlando, Okla.

DEAR CADETS: I have enjoyed reading your letters for a year now, and I hope to continue to read them. It is kind of Mr. Everitt to give us so much room in his paper to exchange thoughts with one another. We are farming 120 acres of land, and farm crops and conditions where I live are the same as described by William Miller, of Frankfort, S. D. I am 18 years old, and I like the farm. I will answer all cards I receive.—Mary A. Reinoke, Henry, S. D.

DEAR CADETS: I am a western cowgirl, and my home is in the hills, in the extreme northwestern part of Nebraska. Our ranch contains near 1,400 acres, and about 85 acres are under cultivation. I am 17 years old. We have taken Up-to-Date for about two years, and I enjoy reading the Cadet letters very much; most of them are very interesting. I am a great lover of music, but my outdoor sport is riding horseback. I spend much of my time riding after cattle. I would like to exchange cards with Cadets near my age, especially with Amy Kepler, of Michigan.—Martha Noreisch, Harrison, Neb.

DEAR CADETS: I am a farmer's daughter, and live on a small farm when at home. I will soon be 18, and this is my second year in high school at Killingly, Conn. While there mamma keeps house for me, and every Friday night we come home to see papa. I am the only child left from four, and I am a member of Grange No. 145. My mother is a sportswoman, hunting and fishing the year 'round. I like to fish very much, and in 1910 I caught a black bass that weighed 5 3-4 pounds. I would like very much to exchange cards or letters with any of the Cadets.—Lindsay E. Bates, Douglas, Mass.

DEAR CADETS: I am a farmer's wife, but I love to read your letters so well. I want to write to you. I think the farm is the best place for our young folks, as they learn so much on the farm. I have four children myself, a boy and three girls, and I am going to try to keep them all on the farm. As soon as they are old enough I will have them become Pioneers of of Equity. I have been a reader of Up-to-Date for a long time, and I can not do without it, it is such a good paper for both old and young. I read the Cadet letters first of all. My birthday is May 4, and I will answer all cards I get.—Mrs. Annie Swartz, Latrobe, Pa.

DEAR CADETS: I am a North Carolina girl, 18 years old, and live on a farm of 160 acres. Our crops are corn, wheat, tobacco, and oats. I live twelve and one-half miles from Wentworth, our county seat, and I go two and one-half miles to school at Valley Field. We live a mile from a Bapist church, where I attend Sunday school, and preaching. My home is on a high hill overlooking a large river bottom, and there is such a pretty view that everybody that comes here goes wild over how far they can see; but when the river and creek is out it is a scary sight. Greene's Ford, where General Greene crossed to Hobkirk's Hill, is in sight of my home. I would like to hear from Cadets of my age.—Essie L. Carter, Stoneville, N. C.

Names, ages and addresses of Cadets whose letters we could not make room for:

Charlotte Watrud, Rice Lake, Wis.	11
Gena Stae, Rice Lake, Wis.	17
W. H. Despain, Bushy, Ky.	
Lela V. Smith, Benkelman, Neb.	14
Herman Coop, Hegira, Ky.	13
May Bruns, Brookville, Ind.	16
Erna Bruns, Brookville, Ind.	13
Cecil Brassfield, Olympia, Wash.	16
Vivian Kester, Pittsville, Cal.	14
Sallie Wright, Corinth, Ky.	14
Sadie Coffman, Champion, Pa.	16
Ethel Hale, Corinth, Ky.	14
Emma Wright, Corinth, Ky.	12
Daisie F. Carter, Stoneville, N. C.	12
Irene Murty, Hanford, Cal.	18
Mary Speary, Wellston, Ohio	15
Carrie M. Lenore, Paxton, Tex.	15
Dafson Maloch, Emerson, Ar.k.	
Mary Cowan, Lewiston, Ill.	11
Edna M. Jones, Canyon City, Ore.	13
Ona McKamey, Cloverdale, Ind.	12
Roxie Braneman, Cloverdale, Ind.	12
Anna Brady, Wyoming, Ill.	14
Elsie Strigow, Toledo, Ohio	10
Amanda Richards, Ramer, Tenn.	14
Mary Mark, Walsall, Pa.	14
Maggie Allen, Pekin, N. D.	14
Henry G. Wegner, Sparta, Wis.	14
Marvel Vennard, Harrisville, Mich.	
Gladys Vennard, Harrisville, Mich.	
Lillian Fulton, Gallipolis, Ohio	9
Ross Biser, Miller, Neb.	16
V. May Shoemaker, Purgitsville, W. Va.	16
Marian F. Watkins, Germantown, Md.	16
Viola Henderson, Sharpesburg, Iowa	13
Elizabeth Richards, Cazensovia, N. Y.	14
Sadie Paugh, Benham, Ind.	12
Fena Brown, Hartsburg, Tex.	13
Velma Bales, Cecil, Ohio	
Paul Smith, Lewis, Ind.	11
Maude Biggers, McLean, Texas	15
Velna L. Shamblen, Imogene, Ia.	14
Carl Swanson, Alba, Ia.	16
Ruth Sheley, West Middleton, O.	7
Lillie Day, Brimfield, Ill.	8
Catherine Turner, Frostburg, Md.	13
Christiana McLeod, Custer, Mont.	12
Henry Ericson, ElCampo, Tex.	7
Almer Taylor, Marietta, Ohio	16
Fred R. Beanblossom, Pine Bluffs, Wyo.	23
Mary Johnston, Wilmerding, Pa.	20
Floyd R. Avery, Thompson, Pa.	20
Trophey Evelena True, Campbellsburg, Ind.	17
Charles R. Wolf, Colburn, Ind.	17
Dimple Schoonover, Corbin, Mo.	16

What Ails You?

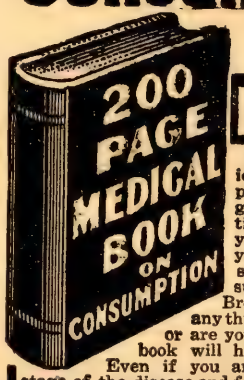


Do you feel weak, tired, despondent, have frequent headaches, coated tongue, bitter or bad taste in morning, "heart-burn," belching of gas, acid risings in throat after eating, stomach gnaw or burn, foul breath, dizzy spells, poor or variable appetite, nausea at times and kindred symptoms?

If you have any considerable number of the above symptoms you are suffering from biliousness, torpid liver with indigestion, or dyspepsia. Dr. Pierce's Golden Medical Discovery is made up of the most valuable medicinal principles known to medical science for the permanent cure of such abnormal conditions. It is a most efficient liver invigorator, stomach tonic, bowel regulator and nerve strengthener.

The "Golden Medical Discovery" is not a patent medicine or secret nostrum, a full list of its ingredients being printed on its bottle-wrapper and attested under oath. A glance at these will show that it contains no alcohol, or harmful habit-forming drugs. It is a fluid extract made with pure, triple-refined glycerine, of proper strength, from the roots of native American medical, forest plants. World's Dispensary Medical Association, Props., Buffalo, N. Y.

Consumption Book FREE



This valuable medical book tells in plain, simple language how consumption can be cured in your own home. If you know of any one suffering from Consumption, Catarrh, Bronchitis, Asthma or any throat or lung trouble, or are yourself afflicted, this book will help you to a cure. Even if you are in the advanced stage of the disease and feel there is no hope, this book will show you how others have cured themselves after all remedies they had tried failed, and they believed their case hopeless.

Write at once to The Yonkerman Company, 4799 Water Street, Kalamazoo, Mich., and they will gladly send you the book by return mail free and also a generous supply of the New Treatment, absolutely free, for they want every sufferer to have this wonderful remedy before it is too late. Don't wait, write today. It may mean the saving of your life.

Don't Wear a Truss

FREE



STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

TRIAL OF PLAPAO

Address—PLAPAO LABORATORIES, Block 59, St. Louis, Mo.

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST. CHICAGO, ILL.

INDIANA FARM BARGAINS

I have several fine farms in Pulaski County, Indiana, only 85 miles from Chicago, the world's greatest market. These farms are improved. Soil is rich loam, very productive, well drained. Produce 18 to 35 bushels wheat; 50 to 90 bushels corn. Located in the famous Tippecanoe River valley.

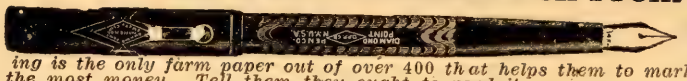
Prices range from $40 to $75 per acre for improved farms.

My farms are close to thriving towns, good roads, churches, schools, telephone, rural delivery, interurbans, good neighbors, prosperous community.

For full information write to

OTA J. SHAW, Dept. A, Winamac, Indiana

Get a Rex Fountain Pen From Me



WRITE it to your friends that Up-to-Date Farming is the only farm paper out of over 400 that helps them to market their crops to get the most money. Tell them they ought to read it.

To write such a good message you should have one of my fountain pens. This **pen is hard rubber holder and 14 karat gold point, writes smooth and last for years with ordinary care. Few articles are more desired and prized when obtained than a good fountain pen. This is a high grade one. They sell others where used.**

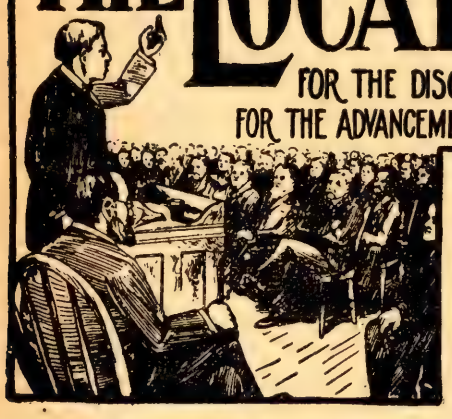
My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years, or four subscribers for one year each and I will send the pen as a reward and guarantee it.

J. A. EVERITT, Editor, Indianapolis, Ind.

EVERY line of matter in this paper is worth a careful reading. There is no other paper like this one. What you learn from Up-to-Date is what every farmer needs most, but not obtainable from any other source. After you read this number write to us and be honest enough to tell us if you agree.

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is "*To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressive ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



of the Farmers' Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

Make your local union work for you.

—o—

Use the Equity System as much as practical in marketing your crops.

—o—

Of course, perfect results can not be obtained now, and will not be until a large part of a crop is under control and marketed through the system.

—o—

Now, the best that can be obtained is the highest market price. Then the farmers' price will be the market price. Now the advantage is the toll taken by superulous middlemen which goes to the producer.

—o—

As an example of how not to do we quote from a letter just received from a local union in Michigan, as follows:

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

Gentlemen:—At first I thought I would not answer your letter, but now concluded that I would. I have been very much disappointed and discouraged in the Equity System. I wrote you some time ago for a market for eggs and on your advice wrote to several of the Equity markets. The one that replied said: "Ship your eggs along," but gave no quotations. So I concluded they do not care a snap for the farmers and I have no confidence in the Equity System. The only way is to keep our produce off of the market until our price is offered and then sell all.

—o—

Mr. L. is a member of the local union. The union, nor any member has marketed any produce to the Equity System markets, yet this member condemns the System. He could, with just as much justice condemn his banker for his creditors harrassing him, if he deposited his money in the bank and refused to check it out.

—o—

The price of eggs changes nearly every day. The Equity System representatives do not buy eggs, but they receive them and get the highest prices for them. Therefore, they do not make offers but they ought to say: "Ship your eggs along and we'll get you the top of the market."

—o—

But Mr. L. is not willing to sell that way now. Even before there is a strong organization he recommends that we make a demand for price and bother the speculators and boards of trade so much that they "will find it uncomfortable to do business."

—o—

But we can't perform miracles and should we call on producers to hold their stuff off of the market 30 days or any other length of time we would simply make ourselves the laughing stock of the buyers.

—o—

Our advice to Mr. L. and his local is to use the Equity System. Have the eggs of all your members delivered once a week and ship them to any near market where there is a representative and you'll get more money than the local buyer. When it comes to car loads of produce or large lots ask headquarters for advice. But the weekly shipments of eggs are better handled by the local itself.

—o—

And don't condemn the System if occasionally something turns up that is not entirely pleasing. Even the local handlers have their disappointments sometimes. But they keep doing business and many of them have gotten rich through taking tolls from the produce of the community.

—o—

Each local union should strive to get all the producers to join so as to make the shipments of consequence and the most desirable at the final market. A local union that will not do the business for which it was established will not grow in membership and a member who condemns the System without a trial will repel others.

—o—

Vinegar catches no flies, but sugar will.

—o—

Mr. C., of ——— Michigan, will not be at the state meeting. This is what he wrote:

I will be unable to attend the meeting at Grand Rapids, though I should like to go. Neither can I join the F. S. E. now, but hope to later on. I'm a "little in the hole" now and must get out first.—C. C.

How Mr. C. expects to get out of the hole we don't know. But we do want to say that the F. S. E. was designed for men just like him. It extends a helping hand (see illustration on first page of April 15 number) to all such, but the hand must be taken before the poor man sinks so deep in the mire that he can not reach it. The F. S. E. is to save live men, not to resurrect dead ones. Just as the doctor should be called when sickness comes, not after the patient gets well or dies.

—o—

Mr. P. will not be there either; he says:

I can not attend the meeting at Grand Rapids because we are getting ready for seeding.—T. P.

—o—

Which means, strictly interpretted, that I must put this crop in for the exploiters before I will take a day off to look after my business interests. Oh, yes, the large crop agitators are abroad in the land. In many cases they come to you on special trains. Hear the gospel of marketing at profitable prices. You must go to the meeting place.

—o—

And we will not see Mr. W. there, either. Now, really, we think this man has the best excuse of any of them. He wrote:

I should like to go to the meeting but I can't afford to this year. I have lost a horse, a steer and a cow this spring and I must buy another horse, so you see I must stay at home. Yours for success.—K. W.

—o—

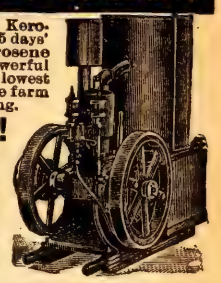
All right, Mr. Wheeler, we excuse you. And Mr. C. may have met with losses, too, if so we excuse him. But there is no excuse for the man who stays at home to be seeding his crops while his brother farmers meet to make better conditions to market the 1911 crops. While many made excuses we are glad to say there are many others who have signified their intention of going to the Michigan meeting. Indications are that it will be the best Equity meeting ever held in the state.

—o—

The next meeting to be announced is Maine, June 1, at Houlton. See "call" elsewhere. What state will get the next, or shall two be held in the meantime. Send your vote. Use the coupon.

Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing.



Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil.

Amazing "DETROIT"

The "DETROIT" is the only engine that handles coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h.p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. Prices (stripped), $29.50 up. Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you Special Extra-Low Introductory price. Write!
Detroit Engine Works, 396 Bellevue Ave., Detroit, Mich.

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WELL AND PROSPECTING DRILLING MACHINERY



43 years' successful operation. Used in nearly all parts of the world. We make a complete line of Drilling Machines and tools for every condition of earth and rock drilling and mineral prospecting. Complete catalogue No. 120 showing over 40 styles of machines free.
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WANTED---MEN



Brakemen, Firemen, Electric Motormen Conductors, Train Porters

Hundreds put to work. $65 to $150 per month. 500 more wanted. Experience unnecessary. Application blank and map of new lines free. Give age and position wanted. Inclose stamps.
I. Railway C. I., No. 48, Indianapolis Ind

Send 10c

If you know of any farm home in your neighborhood where UP-TO-DATE FARMING is not taken send it there as a present, for a trial trip of three months, for 10 cents.

Some Good Reasons Why Every Subscriber Should Do This

First: It is the only paper that gives practical helps in marketing.

Second: It is the only paper that gives its subscribers a practical system for marketing to the final market.

Third: You may not have enough crops to justify shipping direct, but the neighborhood going together, can.

Fourth: It is taking the right course through the 1911 campaign of the F. S. E., to defeat the reciprocity agreement, or have the law repealed.

Send the coupon below and make Up-to-Date Circulate. Every farmer ought to read it this year.

****

EDITOR, UP-TO-DATE FARMING,
Indianapolis, Ind.

Dear Sir: I will help give our paper a larger circulation, so I inclose

..... for ..... three months' trial subscription and attach the list hereto.

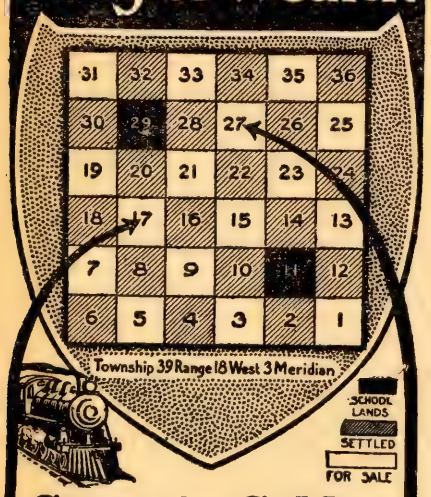
My
Name .....

My
Address .....

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Write very plainly to avoid errors.

Let the Canadian Pacific Railway Show You the Way to Wealth



Come to Golden Saskatchewan

Own a farm where the wonder wheat crop of the World is produced—where every man who is willing to work succeeds, and ***whose success is the personal care of the Canadian Pacific Railway.***

Every one of these 160 acre home farms offered by the C. P. R. is a genuine snap—near a railway and in settled conditions. **Act quick if you want one. Here are two**

Saskatchewan Snaps

S. W. ¼ OF SECTION SEVENTEEN. 160 acres. Surface, rolling, open prairie with good growth of native grass. Soil, fertile, brown loam on reddish clay sub-soil. 150 acres immediately cultivable, suitable for mixed farming. 3½ miles from St. Alpage Siding. 9 miles from town of Wilkie. **Price, $16.00 per acre. Easy payments.**

N. W. ¼ OF SECTION TWENTY-SEVEN. 160 acres. Soil, a rich, clay loam on good clay sub-soil containing slight admixture of gravel. 100 acres immediately cultivable. Balance pasture land. 4½ miles from St. Alpage Siding. **Price, $13.00 per acre. Easy terms.**

If neither of these is just what you want, tell us what you would like and we will find it for you.

You can do as hosts of others have done, ***make the first crop pay for the land.*** For instance: an average crop of but 25 bushels of wheat at only 80c will yield $1200 on 60 acres. Such land can now be had as low as $10 per acre. With first cash payment, $1.50 per acre down, balance on long time easy payment plan.



Your Name Brings These Books FREE

Write To-day, NOW. Let the great Canadian Pacific Railway show you the way to wealth.

Prices are lower now than they will ever be again, so act quickly if you want to better your condition in life.

Canadian Pacific Railway
General Land Department
175 Higgins Avenue, WINNIPEG, CAN.
F. T. GRIFFIN, Land Commissioner — J. L. DOUPE, Ass't Land Commissioner

WILL YOU WORK AN HOUR A DAY FOR $21.00 A MONTH?

I don't care who you are or where you live--men--women --boys--girls--I want you to work for me and I will pay you big. :: :: :: :: :: :: ::

If you can give all your time to my work you can earn up to $175.00 or more a month. :: :: :: ::

My work is High Class--Clean and Pleasant. You can do it in your spare time. I start you. No capital needed.

Be your own Boss--fix your own hours. How nice to have plenty of money! How much shall I pay you? :: ::

You can earn $21.00 to $175.00 a month by working for me one hour or more a day. :: ::

SEND NAME ON POSTAL QUICK TO

C. L. DAVIS, Mgr., Salary Dept, 20, CANTON, O.

System and Cost of Marketing

(Continued from Page 5)

a considerable degree, in the marketing of fruits and vegetables.

FINDING A MARKET—SELLING IN TRANSIT

1. "One of the primitive ways of finding a market is for the farmer to go with his wares from house to house, or from store to store, making inquiry until a purchaser is found.

2. "An application of this simple plan is made on a large scale in the marketing of live stock. A car of cattle consigned from a Kansas shipping point to Chicago may be unloaded and placed on sale at Omaha or Kansas City. In case no sale is made at one of these stopping places the stock is forwarded to Chicago. This practice is common on most of the important live stock routes of the United States.

3. "Grain also frequently changes hands at an intermediate market through which it passes, and the cars thus sold may be forwarded to destinations selected by the new owners. Regular quotations of prices are made at Chicago and other cities for grain in cars billed through to eastern markets from shipping points in the Middle West. Wheat raised in the Canadian northwest and shipped to the seaboard through North Dakota and Minnesota, for re-entry into Canada by way of the Great Lakes, often changes hands at Duluth.

DIVERSION OF SHIPMENTS

4. "Another method of searching for a market is that of diverting a consignment to a destination other than the one first named in the shipping papers. An illustration of this is the practice common in the grain exporting business of the Pacific coast. It is usual for a cargo of wheat or barley sent from this coast to Europe to be consigned 'for orders' to some port in the British Isles, as Queenstown, Falmouth, of Plymouth. After the vessel starts, the exporter tries to have a purchaser ready to bargain for the cargo when it reaches the port of call. The voyage around Cape Horn takes three or four months and this time is allowed the exporter for finding a suitable market. On its arrival at the port of call, the vessel receives orders as to the port at which the grain is to be discharged.

5. "A similar plan is followed in shipping fruit by rail from California to the east. Two of the diversion points on the routes are Council Bluffs, Iowa, and Minnesota Transfer, a freight yard between St. Paul and Minneapolis.

6. "Other important instances of this practice of diverting a consignment en route are afforded in the movement of fruits and vegetables from southern states. A commission firm, whose head office is in Pittsburg, distributes its marketing in this way. On receipt of a car ready to move, the head office of this firm decides at once the general direction for the car to go. If the west promises the best markets for the next several days, the shipper may be notified to consign to Cincinnati, or if the car is to go to an eastern transfer point consignment may be made to Potomac Yard, a freight transfer point on the Potomac river opposite Washington, D. C. At each of these diversion points a representative of the commission firm opens the cars, inspects the contents, and reports the results by telegraph or telephone to the Pittsburg office, which is kept informed of market conditions in different cities. The agent at the diversion point will then receive orders as to the final destination of the car. Among the diversion points used for shipments of produce from the southwest are Kansas City, St. Louis and Chicago.

WAREHOUSES

7. "Another institution which aids the producer to dispose of his crop is the public warehouse. Illustrations of this are afforded in marketing tobacco in Virginia and North Carolina, wool from the northern Rocky Mountain states, and to some extent rice in Louisiana and Texas. The growers, or their representatives, with their produce, meet the buyers at these warehouses. The method of operation in Virginia may be illustrated by the conditions at Richmond. The warehouses here are listed and market begins in the first one on the list for a certain day. After sales have been made in the first, buyers go to the second, and so on throughout the list. Planters arrange their tobacco in piles along the floor of the warehouse, each pile being identified by a label or card attached to it. As the piles are auctioned off each buyer has some mark of identification attached to the pile purchased, and a record is made by the warehouse authorities. On leaving the warehouse the planter obtains his money from the warehouse manager, who in turn makes up a bill against each buyer for the total amount of tobacco he has bought that day. After the last warehouse sale has been made the market is continued at the Tobacco Exchange, where dealing is based upon samples displayed there. The importance of this system may be judged by the quantity of tobacco sold in these warehouses by farmers. The total sales by farmers at twenty-one Virginia markets having tobacco warehouses amounted during the nine months ending June 30, 1909, practically the entire season, to 116,000,000 pounds; and in the fiscal year ending July 31, 1909, the sales by planters in the warehouses of forty-five North Carolina markets amounted to 142,000,000 pounds.

8. "In selling rice at warehouses or on the New Orleans Board of Trade, sealed bids are submitted by the sellers and the sale is expected to be made to the highest bidder. In cities as far west as Chicago it is a common practice to sell fruit in warehouses which may be owned by railroads and used by auction companies. A consignment of California or Georgia fruit, for instance, will be sent to a commission merchant in New York, who will have the fruit sold to his account by the auction company.

STOCK YARDS

9. "The largest wholesale market places open to the producers are the stock yards in such cities as Chicago, Kansas City, Omaha and St. Louis. Sales in these stock yards may be made direct by the owner of the stock to the ultimate purchaser, but it is customary for transactions to be made through commission men.

DIFFERENT CLASSES OF MIDDLEMEN
TRAVELING BUYERS

"Selling to buyers who come to the farm is practiced to some degree in many parts of the United States. Traveling hucksters in many regions go from farm to farm gathering eggs, butter, poultry, calves, and similar commodities, which they sell to shippers, jobbers, or retail dealers. Agents of large merchants go to farms on the Pacific coast to buy hops, to ranges in the Rocky Mountains for wool, to plantations in Louisiana and southeastern Texas to bargain for rice, and to the orchards of the apple-producing states east of the Rocky Mountains. The cattle buyer also is a frequent visitor at many farms, especially where stock raising is a secondary industry.

GENERAL MERCHANTS

"One of the most important persons in the distribution of some products is the merchant of the town or the rural community. He is often the first receiver of such products as eggs, farm-made butter, poultry, wool, hides, and sometimes cotton, grain, and hay. It was the custom a number of years ago, possibly more so than at present, for a local merchant to credit a planter of cotton or rice with supplies for a crop year, and to take a lien upon a growing crop to cover the value of the merchandise thus sold. In such a case it was frequently the custom for the crop when ready for market to be turned over to the merchant by the planter, who received the difference between his debt and the proceeds from the crop. The importance of the country merchant as a distributing factor in some regions is diminishing, for he has been supplanted to a greater or less degree by dealers in special products.

LOCAL BUYERS OF SPECIAL PRODUCTS

"In the regions where grain is a staple product the tendency has been for the storekeeper to be displaced by the grain dealer and the local elevator man. Among other examples of local buyers of special produce are the California fruit packer, who buys from growers; the eggs and poultry shipper in the middle west, whose purchases are made from country merchants and who ships by carload lots to wholesale dealers; the San Francisco wool merchant, who buys on the range and sells in the east; the poultry packer in the north central states, who buys live fowls, slaughters them, and consigns to eastern cities; and the "track buyers" of watermelons in the region near San Antonio, Tex., of peaches in Georgia, and the hogs in the corn belt.

(Continued on Page 23)

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Mr. Everitt's Address at Grand Rapids

(Continued from Cover Page)

farmer living in our northern states, or had an expression from one such, but who was against the proposed agreement. If the farmer has no particular proof at hand, the very fact that all the boards of trade (I refer to those engaged in gambling in farm produce), all the millers' associations, and all others who want to get farm produce as cheaply as possible, are for it, convinces him that he should be against it.

But I am not going to condemn the proposition on such grounds. I am going to consider new phases of the question. I am going to present a broader view of the situation. I am going to take a position in advance of any heretofore occupied by any speaker or writer on this momentous question, at least so far as I know. I shall leave it to others to consider the items of the various schedules and to figure out how much advantage this country will have over Canada, or how much advantage that country will have over us, or how much reciprocal benefit there will be if the agreement is made a law.

This Canadian—United States agreement, as it relates to farm products is, to my mind, the most momentous question farmers ever had to deal with. It is fraught with such dire consequences that the rural masses everywhere should be aroused and a national protest sent to Washington to stay the hands of our representatives who seem determined to enact a deed that will make the farmers of this country equal competitors with the cheapest laborers on earth—wheat growers in Argentinia and Russia. And this at a time when the American farmers' labor, taxes, and other expenses are the highest they have ever been!

I believe from the explanation I will give you of this matter today you will agree with me that the proposition lacks every element of statesmanship, is not sensible business and is not even good politics for either country proposing to make the agreement. I intend to prove that the principles of this agreement are against the welfare of this country—all our people—in the broadest sense, and our industries. I believe I can also convince you that the adoption of this agreement would be as bad for the Canadian farmers as for the farmers of this country, and, furthermore, that it would prove nearly as damaging to the farmers of Russia, Argentinia, Australia, and other exporting countries as to those of the two countries directly concerned in it.

If I can prove these things beyond a reasonable doubt, then our meeting here to do something toward defeating the proposition has a great significance, indeed.

Less than ten years ago such a thing as farmers making the selling prices of their own products, and securing those prices, so far as the world has been told of it, had never been thought of. In 1902 a movement was started in this country (I was closely associated with it) to teach farmers that theirs is a business as much as any other calling or industry; that the usual business method is for the seller, and not the buyer, to put the price on his own goods; that farmers, though working as individuals and scattered all over the country, could, through education, organization, co-operation and controlled marketing in selling, fall into these proper lines of business and make prices on what they produced to sell, just as other people did.

The idea was eagerly seized by farmers. One paper at Indianapolis was the particular champion of the new and strange doctrines, while hundreds of other papers all over the country gave accounts of the movement, printing its objects and enough of the plan to enable farfers everywhere to understand and credit it or ridicule the idea. But they misjudged the farmers, and every knock proved a boost. Soon the idea, that if farm crops were not dumped shortly after harvest, but were held for a price of the grower's own asking, that that price would be paid, had spread all over the country. From Maine to California and from Canada to the gulf the plan was discussed, tried, and the benefits soon seen.

The movement started when crop dumping was almost the universal rule. Enormous visible supplies were piled mountain high in central markets and prices rarely paid the cost of production. I have no doubt there are farmers here who sold wheat before the time referred to at 50 cents a bushel, corn at 30 cents or less, oats at 20 cents, potatoes at 15 cents, hogs at 3½ cents after they had eaten their heads off a couple times, and lost money on the whole year's operation, while for apples and other fruit you were told there was no market at all.

The same farmers, however, sold wheat, after 1903, and down to 1909, at $1.00 or more, corn at 60 cents or more, oats at 50 cents of more, potatoes from 75 cents to $1.50, apples and other fruit at good prices, and hogs at $6.50 to $9.00 each year, beginning with 1904 down to 1910. There never was a like period in the history of agriculture in this country when the farmers of this state got such good prices for their crops, and the yields were large, too.

The experience of the Michigan farmers has been the experience of farmers in all other States in the country.

And what was true regarding values of farm crops in the United States was likewise true in Canada.

Furthermore, what I have said about prices in the United States and Canada can be said about prices for the crops raised in Russia, Australia, Argentinia, and every other exporting country.

Find the cause of better prices for farm crops and the great prosperity of farmers in the United States for the period of 1903 or 1904, to 1910, and you will know the cause of the greatest uplift of all farmers that the world ever knew.

There must have been some particular cause, or why would all parts of our country and all crops have been affected simultaneously?

Can any plausible reason be ascribed other than the education, agitation and organization for the purpose of controlling marketing so as to compel profitable prices? It is a fact that the visible supplies decreased until the demand was forced to look to the farms for supply, instead of to storage centers, and that made the farmer's opportunity to get his price.

But some more figures will aid us in arriving at a correct conclusion:

Refering to the Department of Agriculture reports I find that the average *farm* value of corn, on the first of December, for five years, 1905 to 1909, inclusive, which I call the control period, was 47.5c per bushel. The average for the ten years preceding, or ending 1905 was 37.1c, and for the ten years ending 1895, was 38.2c. Thus we see the price averaged 9 to 10 cents a bushel higher during this control period than for the 20 years preceding.

The record for wheat is as follows:

Average farm price on December 1, for five years, 1905 to 1909, inclusive, 82.8c per bushel; average for 10 years ending 1905, 69.4c, and the average for ten years ending 1895 was 68.3c. The difference in favor of the control period was 13c to 14c a bushel.

And the oats record tells a similar story:

Average farm price, 1905 to 1909, 36.7c; average for ten years ending 1905, 28.1c, and the average for ten years ending 1895, 29.8c. The difference is 7 to 8 cents in favor of the late period.

And hay is not an exception:

Average farm price for five years, 1905 to 1909, $14.54 per ton. For the ten years ending 1905, $11.62, and for the ten years ending 1895, only $9.91. That is, the average price of hay was $3.50 to $4.50 per ton higher during the control period than the average price for twenty years before.

But tobacco makes the most remarkable showing of all. That is because the control of tobacco was more complete than for any other farm crop. The average farm prices of tobacco on December 1, were as follows:

1900, 6.6c; 1901, 7.1c; 1902, 7.0c; 1903, 6.8c; 1904, 8.1c; 1905, 8.5c; 1906, 10c; 1907, 10.2c; 1908, 10.3c, and 1909, 10.1c. A gain of 3 to 4 cents a pound in the control period.

It is also interesting to note the average farm value per acre of tobacco during the control period, and compare it with preceding periods, as follows:

Average for five years, 1905 to 1909 inclusive, $81.50 per acre. Average for ten years ending 1905, $55.95; for ten years ending 1895, $57,59, and for ten years ending 1885, $56.34.

So, I repeat, there must have been some influence at work all over the country that was not there before, that caused these great improvements in prices. I am not able to account for them in any other way than through less dumping, more sensible marketing, the publication of mimimum prices and organization of the farmers.

As far as Liverpool making the price of wheat prior to 1903 is concerned, I will admit that, and in that respect I agree with President Taft. But I deny that Liverpool set the price on our wheat after 1903 and during the period of control. Previous to that time our farmers were not as wise as were many of our fanufacturers, who also produced more than they could sell in the country. But beginning with the movement I referred to; that is, beginning about 1903, our farmers were taught exactly the same tactics that the manufacturers had been using. They were taught, and shown how to get prices from the home demand that were fair and profitable considering the cost of labor and supplies. They were urged to organize to get enough money for the crops consumed in *this* country and to ignore the foreign demand until it would also pay their price.

In adapting manufacturer's tactics to their business they fortunately were able to avoid one bad feature; that of selling the surplus to foreign countries at lower prices than at home. In the farmers' case the foreign demand finally sought the supply and paid the increased prices.

Observing people know that this is true. Even though the farmers' organization was not very strong numerically, millions of farmers outside of the organization quit dumping and the records show that the visible supplies in elevators and warehouses, covering the period og 1903 to 1907, were the smallest in recent years, while the prices were the highest; all this notwithstanding the crops were the largest the country ever raised. Nor were the benefits of the movement limited to grain. Every farm crop was better controlled for marketing and better prices were secured as a result.

During this period the United States made the world prices on grain for a part of each year at least. Instead of a comparatively small part of our crop, which could be spared for export, making the price on the whole crop, the export demand paid the home price or higher for our surplus. In this way the farmers in other countries reaped corresponding benefits on what they held.

You understand now why I said such a law as proposed will be as bad for Canada and other exporting countries as for the United States. I know that if there would not have been any tariff against Canadian grain in 1903 down to 1910 the farmers of this country could not have controlled the situation as well as they did. And should congress throw this country open to Canadian crops now and should not the law be promptly repealed our farmers will be handicapped and will not be able to perform this valuable service to their northern neighbors and the world again during the present generation.

I claim that the tariff never helped our farmers on the price of wheat, which is a world's crop, previous to 1903, and very little on other crops. When a commodity that is produced in several countries must seek a common market, as in the case of wheat prior to 1903, that commodity will assume a common level of price.

I believe it was not the expectation of the lawfakers in the first place that the tariff should benefit the farmers. Professor Tausig, in his "Tariff History of the United States," says of the tariff bill of 1883: "The duties on agricultural products were left unchanged in order to main tain the fiction that the agricultural population secured through them a share of the benefits of protection."

The tariff was very little benefit to our farmers before 1903 simply because they did not adjust their business to take advantage of it. It would have been the same way with manufacturers if they had not been wiser than the farmers. In other words, if they had produced all they could and then let the exportable surplus set the price on what they sold at home, they would have been on practically a free trade basis. Farmers have recently demonstrated that they can make the tariff work for them too. Now will they stand supinely and see the protection taken away from them just when they have learned its value?

As a matter of fact, since the agitation for free trade began farmers are again getting very little benefit if any, from the tariff.

As I write this, pril 19, the price of wheat in Winipeg is 92½c; in Minneapolis, 94⅞c, and in New York, 94c. From these prices it is evident that farmers in the United States are not getting any benefit from the 25 cents a bushel tariff, now.

Now these are my conclusions:

1. Previous to 1903 our farmers got no benefit from the tariff, or very little, because they did not make it work for them.

2. From 1903 down to 1910, covering the period of controlled marketing the farmers made the tariff work for them and their prices were better than were ever known before.

2. At the present time the tariff is doing practically nothing for the farmers, because the original plan of organization and co-operation was abandoned, benefits decreased and the farmers deserted the movement. Also the agitation for free trade has been as bad for prices as the actual accomplishment would be.

4. If farmers do not organize again and co-operate in marketing it matters very little to them whether the Canadian—United States agreement is enacted into a law or not.

5. But if they do organize again, to control their marketing as before, it is of vital importance that adequate protection be given our farmers against any foreign exporting country.

6. And if Canadian farmers are wise they will oppose the proposed agreement as much as our farmers should.

So I am bound to say that this matter all resolves down to an organization of the farmers to retain protection and to make the tariff work for them as other industries have made it work for them. Without organization farmers are absolutely helpless.

After the Civil war our government threw open our great west to settlers from the east and emigrants from Europe. The result was that the eastern farmers, on their high-priced lands, could not compete with the new, rich, cheap land of the west in producing. This bankrupted about 90 per cent. of the land holders in the east who had bought high-priced land and mortgaged it, believing that the price of crops would be maintained.

Finally this new land was all taken up and the farmers of the whole country were about to get their business adjusted to existing conditions; they had even learned how to make the tariff work for them as it had worked for others, when they are now threatened with full and free competition from another new territory nearly as large.

The valuation of land is based upon what it earns. It should be clear, that it is not earning as much now as it was only a year ago, when prices were fully 25 per cent. higher. From 1903 down through the years of controlled marketing the earning power of land doubled and often quadrupled, and its value increased in the same ratio. Continue the present prices or let them go lower and it will not take long to reach the old, low level.

One of the arguments of the free traders in agricultural products is that this agreement will insure a much needed larger supply of food for consumers in this country. Of course, that is an attempt to saddle the high cost of living on the farmers of which they are not guilty. If they could prove that free trade would end speculation and exploitation there might be some point to

the argument. But it will only aggravate the present bad condition, if the supply to speculate in and store and exploit is increased. At least the exploiters think it will not be bad for their business, as they are all in favor of it. This country has never failed to produce enough to feed our people and great quantities for export.

But continue the protection to our farmers and help them to organize again, then with enough money to renew the fertility of their soil, they will continue to meet all demands, including unborn generations. Every acre we possess is capable of producing two to four times as much as it is now. All that is needed is continued protection and the encouragement of steady, remunerative prices that will come through organization and co-operation. These our farmers can not have with even competition from Canada's new, cheap land.

A few comparisons will show the possibilities of agriculture in this country.

The average acre yield of wheat in 1909 in the United States was 15.8 bushels. In Germany it was 30.5 bushels, and in France 22 bushels. Both of those countries give farmers ample protection through tariffs and the land has been brought to a high state of cultivation. With continued protection and good prices our farmers will unquestionably follow their example. When the United States raises the same average of wheat that France does our crop will be 1,021,306,000 bushels, on the same acreage, instead of 737,189,000 bushels. Or when we raise as much to the acre as Germany does we will have a crop of 1,415,901,000 bushels. This will be enough for 180,000,000 population and a lot to spare for other countries.

The potato crop of the United States in 1908 was 278,985,000 bushels on 3,257,000 acres, an average of 85.7 bushels per acre. The same year Germany raised 1,702,803,000 bushels on 8,147,383 acres, or an average of 209.2 bushels per acre. When our farmers can buy fertilizers as the German farmers do we can raise as large crops, acre for acre, as any country in Europe.

For evidence that good prices have promoted increased yields I submit the following figures: (The period, 1903 to 1905 I call the control period and it is the period of best prices.)

CORN

	Bu.
Average acre yield, 1905 to 1909	27.7
Average acre yield for 10 years ending 1905,	25.2
Average acre yield for 10 years ending 1895	23.4

WHEAT

	Bu.
Average acre yield, 1905 to 1909	14.6
Average acre yield, 10 years ending 1895	12.7
Average acre yield, 10 years ending 1885	12.3
Average acre yield, 10 years ending 1875	11.9

HAY

	Tons
Average acre yield, 1905 to 1909	1.49
Average acre yield, 10 years ending 1905	1.44
Average acre yield, 10 years ending 1895	1.18
Average acre yield, 10 years ending 1885	1.25

POTATOES

	Bu.
Average acre yield, 1905 to 1909	95.4
Average acre yield, 10 years ending 1905	84.4
Average acre yield, 10 years ending 1895	73.2
Average acre yield, 10 years ending 1885,	81.2

As further evidence that good prices promote greater yields I submit that the preliminary reports of the 1910 census have shown wonderful increases in the use of commercial fertilizers over the preceding ten years.

So farmers must not be deceived by the argument for more farm produce except as they are encouraged to grow more in our own country which will benefit all our people and industries far more than if they are produced in a foreign country when the chief beneficiaries will be the railroads that haul them to market.

Also don't be mislead by the promise of free trade on wagons, plows, cultivators, harvesters, barbed wire and a few other things that you buy. The farmer sells more than be buys, or he should. He makes his money on what he sells if he makes any. He has been fooled before on the buying cheap idea. And, besides, Canada could not supply enough such things to force one-tenth of one per cent. reduction on the United States made goods. Also, who would venture capital to establish manufacturing plants in Canada with the possibility of the law being repealed by the next congress?

Don't let anybody fool you either about the prospect of free trade in everything. No one living today will see the time when ours is a free trade country. Believing this is true, I'll fight for the farmer's share of protection and work to put him in a condition to enjoy it.

I will close this part of my address by making one more observation.

I referred to the benefit to Canadian and other farmers resulting from co-operation in marketing on the part of our farmers. Much of the time during the period of 1903 to 1910, the United States made the prices on wheat, corn, oats, cotton and meat for the world. Great Britian is the greatest importing nation and this change of power to price, from Liverpool to the farms of the United States, caused her to pay billions of dollars extra for food, cotton and wool. Therefore, my observation is this:

May Great Britian not be back of this whole scheme? Is it not possible that President Taft and congress are unsuspectingly being made the cat's-paw to pull chestnuts out of the fire for Great Britian? We can easily imagine the immense interest that nation has in this agreement. It is a plan to rob the farmers of the United States with a view to reducing the expenses for consumers of Great Britian? Make this agreement and continue it and I predict this country, even with the farmers organized, can not again become the price makers for fifty years, consequently can not repeat their good offices for Canada and other exporting countries.

There never was a problem before the people of this country of more vital concern to their future welfare than this one of protection to American agriculture and the way to enjoy the protection. Nearly 7,000,000 farmers, their wives and children, who, in many instances, toil in the fields too, to save the husband and father the expense of hired help so that a little more money may be saved, are vitally interested. The wise solution of the problem means prosperity, comforts and happiness to them. Failure to solve either feature of it, the one of protection, or the other of an organization to enjoy the legitimate fruits of protection, means a condition nearer slavery to special interests, protected monopolies, gambling boards of trade and unmerciful exploiters than ever before existed in this supposedly free country. The organization that is absolutely needed this year to help farmers in their marketing, will also defeat the iniquitous reciprocity proposition or, if made a law, can knock it higher than a kite at the very next session of congress. Refuse to organize or delay it a little longer, and you may have sinned away your last days of grace.

Be business men. Get together. Use profitable business methods that will insure your financial success and show the world that the American farmer is a thinker and a man who acts; is wise and well able to take care of the interests of agriculture.

System and Cost of Marketing

(Continued from Page 21)

COMMISSION DEALERS

"The commission dealer is the agent through whom a large amount of produce is sold for farmers or country shippers. The commission man usually represents the seller, but there are instances where he serves as agent of the buyer, as in some sales of live stock to distant buyers or in the purchase of Pacific coast hops for eastern dealers.

"In addition to serving as agent in making a sale, the commission man may advance money to a producer or to any country buyer, as when a live-stock commission firm loans money to feeders or when a grain-commission firm supplies a local grain dealer with sufficient cash to begin his season's purchases. Another phase of commission dealing is that engaged in by rice and cotton factors, who advance money on crop liens, and to whom these products are frequently consigned to be sold on commission. In some states, for instance, in South Carolina, banks are reported to be taking the place of the cotton factors in making loans, and the presence of buyers and neighboring mills enables planters sometimes to market their cotton without the aid of factors. Another class of factors are those in the Baltimore tobacco trade, who receive consignments, for instance, from farmers in Maryland and Ohio, and who sell to exporters.

EXPORTERS

"The exporter's business has some points in common with that of the local buyer in domestic trade; both classes of middlemen obtain their wares from sources relatively near at hand, and sell them in a distant market, either direct or through commission dealers. The exporter has to keep informed not only concerning the commercial regulations and market conditions of various countries, but also in regard to freight rates along the various lines of transportation over which his goods are apt to be carried. The fluctuations of freight rates, especially by water, make the cost of transportation lowest sometimes over one route and sometimes over another. In shipping wheat from Nebraska to Liverpool the grain may be sent through one of eight or ten large seaports ranging from Montreal around the coast to Galveston; and at a number of these ports tramp ships may be bidding against the regular lines for cargo. In case New York is selected as the port of shipment, the grain may be sent thither direct from Nebraska, or it may be transferred at Buffalo either on canal boats or railroad cars.

"In the grain business of the Pacific Northwest and in the cotton trade of the south it is not uncommon for the same firm that buys from the farmer to sell to the European miller. A grain exporter of Portland, Tacoma or Seattle sometimes owns as many as 200 warehouses at different country railroad stations, and his agents at these stations buy direct from the farmers and consign to the seaport; while in Europe agents or correspondents of the same firm seek out buyers for the grain. But east of the Rocky Mountains the exporter of wheat, while he may sell through his representatives to foreign mills or dealers, in many instances does not buy either from the producer or the country grain dealer. His supply is often furnished by commission men or large dealers.

"In addition to the five classes of middlemen just discussed, others of importance in the distribution of farm products are the jobber, who buys and sells in wholesale lots, and the retail dealer, the last of the series of middlemen who handle the commodity on its way from the producer to the consumer.

This first article of this valuable series will be completed in the May 15th number. Send Up-to-Date Farming to your friends. Three months' subscription, containing all of these important articles, only 10c. *Send a club of ten for* $1.00.

—COUPON—

Farmers Industrial Freedom

Farmers Society of Equity,
Indianapolis, Ind.

Enclosed is 10 cents for which send me the new 64 page book *FARMERS INDUSTRIAL FREEDOM* which explains fully the Equity System for farmers co-operation in marketing, how it will be established, how it will be operated and the benefit to be derived.

My
Name .....

My
Address .....

Crops Never Fail; Nature Provides Seasons

6,000 acres of black, rich, level, drained land, 12 miles south of this city in Scott county, Mo. 80 bushels corn; 35 bushels wheat; 5 tons alfalfa per acre. Stock peas, timothy, clover, produce abundantly, two crops a season. Part now in wheat, clover timothy and alfalfa. Good people, good society, good water, good health, mild winters. Write for maps and pictures. Will sell all or part; prices $35 and up.

5,000 acres cut-over land on Frisco and Iron Mountain roads in St. Francis valley. Rich, level land. Corn, wheat, clover, alfalfa, timothy, cotton, etc. produce abundantly. Price $16 an acre. Worth $35 and up. Wilson Bros., Cape Girardeau, Mo.

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Don't Wear a Common Truss or Appliance Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet Free

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When writing to advertisers don't fail to mention Up-to-Date Farming.

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This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

AGENTS EARN $100 PER month and establish a life income working right at home as local agent for our Dr. Williams Pure White Antiseptic (vegetable) soap, perfumes, etc. Write quick for special offer and profit sharing plan. The Williams Soap Co., Dept. UF, Indianapolis, Ind.

AGENTS WANTED—Everywhere. For new 14x20 Show Cards in 4 colors. Best sellers on earth. Send 10 cents for samples and full particulars. 1864 North Leavett St., Chicago.

SALESMAN WANTED—To sell trees and plants. Free outfit. Commission paid weekly. Write for terms. Perry Nurseries, Rochester, New York.

SALESMEN wishing to earn three to five dollars per day, write for terms immediately. First National Nurseries, Rochester, N. Y.

Farm Lands For Sale

CENTRAL MINNESOTA—100 improved farms, low prices, easy terms, "Good Title Always:" write for list; mention this paper. C. D. Baker, Fergus Falls, Minn.

FOR SALE—12 western Minnesota and eastern South Dakota improved farms, containing from 113 to 620 acres. Prices from $40 to $55 per acre. Small payments down, balance 10 to 15 years, at 6 per cent. Very choice lands. Good reason for selling. Albert D. Snow, 151 Washington St., Batavia, Ill.

VIRGINIA FARMS for sale at eight to fifteen dollars per acre. Write for catalog. Jeffreys, Hester & Co., Chase City, Virginia.

Farms Wanted

FARMS WANTED—We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help locate desirable property Free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

WANTED FARM, well situated; from owner only. State particulars. Box 754, Chicago.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

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DAHLIAS, 20 kinds $1. Other bargains. H Burt, Taunton, Mass.

RICE, NEW CROP, 100 pounds beautiful, clean, white table rice, in double sacks, freight prepaid to your station, $3.85. Safe arrival of rice guaranteed. J. Ed. Cabaniss, Rice Farmer, Katy, Texas.

Help Wanted—Male

CIVIL SERVICE EXAMINATIONS open the way to good government positions. I can coach you by mail at small cost. Full particulars free to any American citizen of eighteen or over. Write today for Booklet E839. Earl Hopkins, Washington, D. C.

MEN WANTED for government positions. Average salary $1,100. Send postal for list of positions open. Franklin Institute, Dept. J-27, Rochester, N. Y.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-operative Real Estate Company, L511 Marden Building, Washington, D. C.

SOUND MEN 21 to 40 YEARS OLD wanted at once for Electric Railway Motormen and Conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Railway Dept., Up-to-Date Farming, Indianapolis, Ind.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

BARRED ROCK and Indian Runner duck eggs; stock of prize winners, $1.50 per 15. J. W. Powers, Waddy, Ky.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, ogs. Catalogue 2 cents. Missouri Squab Co., St. Louis.

LOCATE THE LAYING HEN—Weed out the drones with La Fleur Method. New, simple, infallible. Trap nests unnecessary. Circular free. Flower & Co., Bridgeport, Ind.

ROSE COMB R. I. REDS. Reduced prices on eggs for the balance of season. Be friendly—write. A. L. Sanders, Perry, La.

SILVER LACED WYANDOTTE eggs, $2.00 per 15. Good layers, prize winners. Wortman's Poultry Yards, Leipsic, Ohio.

THREE CHICKEN GAPE worm extractors, 25 cents in silver; guaranteed. Dr. Wm. Hallowell, Johnsville, Pa.

TURKEY EGGS—Narragansett, Bourbon Red, $3 and $4 per 11; M. B. and W. H., $3 per 11. S. Durigg & Son, Armstrongs Mills, O.

Seeds and Nursery Stock

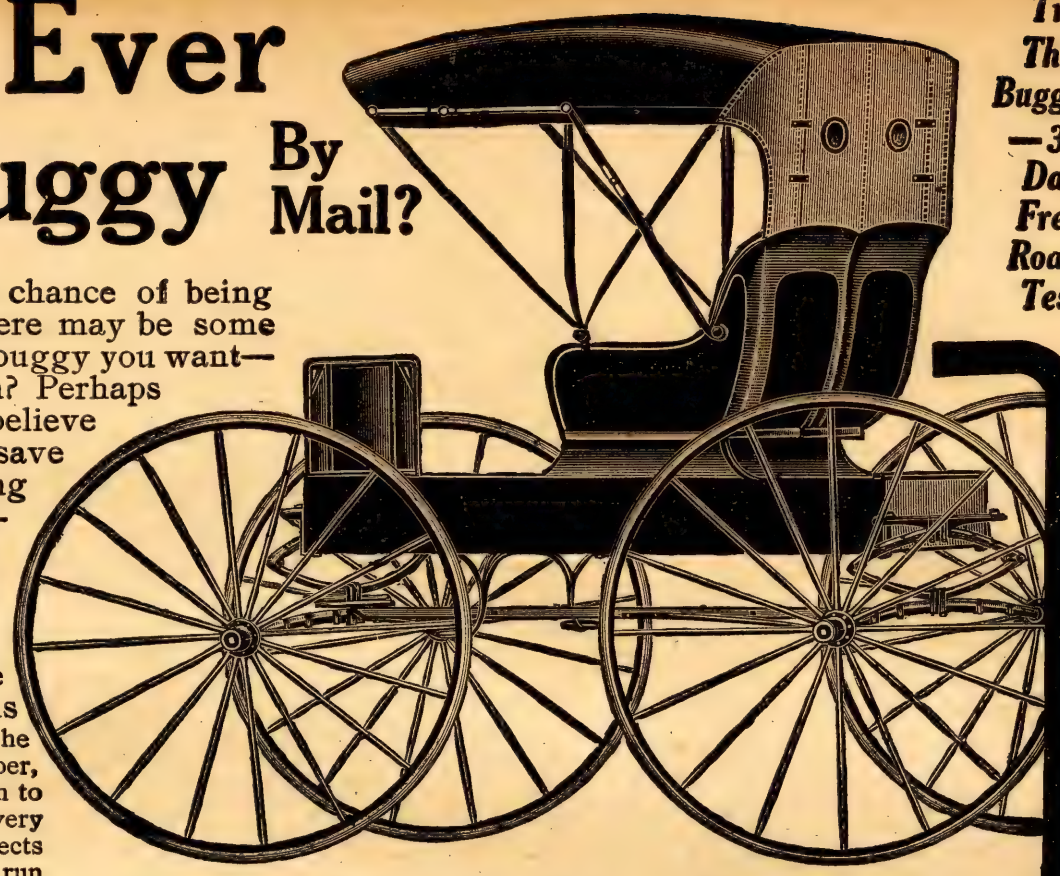
SEED POTATOES—Sound and pure, illustrated catalog 70. Popular Varieties free. Arthur Aldridge, Fishers, N. Y.

Situations Wanted

SCIENTIFIC AND PRACTICAL FARMER—Educated Kansas State Agricultural College and Cornell University. Desires position with land owner as manager. Experienced in fruit growing, general farming and labor saving machinery. Present contract ends in May. Capable of handling a large proposition on a scientific and up-to-date business basis. R. R. Keely, 31 Harvey St., Halifax, N. S.

Have You Ever Bought a Buggy By Mail?

Try This Buggy —30 Day Free Road Test



PERHAPS you are afraid there is a chance of being dissatisfied? Maybe you think there may be some mistake—that you wouldn't get the buggy you want—or that it's a complicated transaction? Perhaps the dealer in your town has led you to believe you will be cheated, or that you can't save money? Let us tell you something! Buying from a factory by mail through this advertisement of Phelps, maker of Split Hickory Vehicles, is the safest, most economical, easiest and most satisfactory way. You get just the Buggy you want, made to order—just as you want it. You can't run the slightest risk. First, because Phelps and his big factory are behind every claim he makes. Second, because every paper, in which he advertises, knows him to be responsible, knows he fulfills every statement he makes and that he protects their subscribers, or they wouldn't run his advertisements.



I Guarantee every wheel and part of the running gear to be made of triple A grade Straight Grained Split Hickory—the same grade exactly as this spoke which I send unpainted as a sample of the material used with every buggy I ship.

Split Hickory Vehicles

All trade-marked Vehicles—Phelps is proud of his buggies. He stands back of them. *You'll* be proud to own a Split Hickory Vehicle—the highest grade that's made. Auto Seat Buggies, Runabouts, Surreys, Carriages, Driving Carts, Spring Wagons, etc.

Phelps puts the *best* materials into his buggies—triple A grade straight grained Hickory in wheels and running gear. Why consider any other buggy? Phelps gives you the most for your money in every part—in workmanship as well as material.

When you get your buggy you get a sample spoke unpainted. Phelps guarantees every wheel to be made of the same straight grained second growth Shellbark Hickory as the sample spoke.

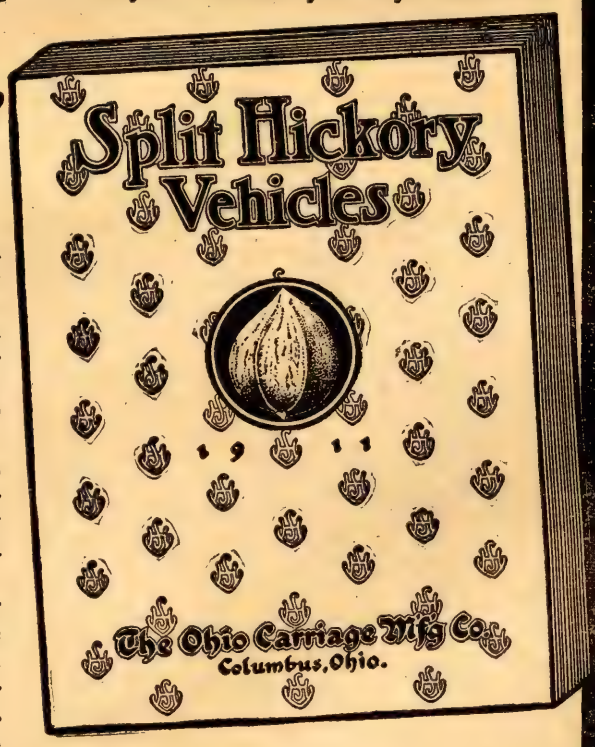
You can't afford not to know about the buggies Phelps makes—and his big money saving proposition. Save $25 to $75 on your buggy according to the style of vehicle you buy. Send for the book that tells you about this big saving.

Phelps Free Buggy Book For 1911

It's his only salesman. No dealer or middleman of any kind has ever had a cent's profit on a single one of the 125,000 vehicles Phelps has sold on this plan. He has taken off the price all of these profits and given them to his customers. This buggy book is a big display room showing 125 styles of vehicles of every kind. More than you could find in ten big towns or 25 dealers' stores.

In this Book for 1911 he takes one of his Vehicles and tears it all to pieces in a lot of photographs, showing you, together with full descriptions—all about every part of a buggy—how it should be made—what it should be made of—and *Phelps knows.*

Why not get acquainted with this method of doing business? Why not get acquainted with Phelps? The book doesn't cost you anything—he sends it free. You are under no obligations to buy. All of his Vehicles are sold subject to 30 days' free road test—with a two years' guarantee. You should have his proposition. You need the book as a reference on buggies. Why not write a postal for it today?



125 Styles of Vehicles of Every Kind. A Postal Brings This Book FREE

H. C. PHELPS, President

The Ohio Carriage Mfg. Co.

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Largest Factory in the World Selling Vehicles Direct to Consumer.

H. C. Phelps

Manufacturer of Trade-Marked Split Hickory Vehicles

Pass This Paper to Your Neighbor---Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | MAY 15, 1911 | Number 10

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1911 Campaign to Organize Farmers

Under the Direction of the Farmers Society of Equity

The matter set single column, following this, has been issued in circular form and is sent to people who apply for positions as organizers of the Farmers Society of Equity.

The campaign we are prosecuting now seeks to secure an organizer or canvasser in every farm community. Of course, we do not expect to do this entirely, nor is it necessary. But we do want to approach it as near as possible. By the present plan of making each market town or shipping station the unit for a local union and the personal canvass plan, backed by systematical effort from headquarters and the fact that a local union anywhere can now get benefits as soon as organized through using the Equity System of marketing, the Farmers Society of Equity takes on a definiteness and tangibility that it did not have before.

We print the contents of the circular because there are many people among our 150,000 subscribers who will make the very best canvassers and organizers. Any person who will go around and see the farmers who market or ship produce from any town or city can do every thing that is necessary. If the purpose is to secure a local union at your own town only, you can do the work this summer during spare time. The compensation, which we will name to any person who applies, will be better than can be earned in the same time working on the farm at present prices of farm produce, or more than it will cost to hire one or two men to take your place on the farm.

Up-to-Date Farming circulates in nearly every county in the country and has subscribers at more than one-third of the post offices. Its readers understand its mission. Probably nine-tenths of them subscribed because they believed in its teachings, because they endorsed its plans to help farmers **and because they** expected that they would reap greater financial benefits through reading it and following its advice. Therefore, each one of its present readers should be willing to help to accomplish its mission as soon as possible.

We believe the only things that have held them back from putting their shoulders to the wheel and pushing the Farmers Society of Equity to completion, were (1) supposed lack of time; (2) supposed lack of ability; (3) the thought that they would not get paid for their time, and (4) the doubt whether it would give them benefits.

(1) Every person can help to the extent of seeing that a local union is established at his market town this summer and he will only need to give his spare time to it. (2) The knowledge that you have not been getting a square deal in marketing and the assistance headquarters will give you are all the qualifications necessary. (3) Get our terms before you draw conclusions on this point. (4) With the Equity System of Marketing, now established, a local union anywhere, even if it is the only one in the state can benefit its members very much. Such benefits as members can get now will hold them in line until the Society is completed.

Following are the contents of the circular. Read carefully and send the coupon without delay.

(Continued on Page 21.)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

All To Win

You Cannot Lose

You cannot lose in trying it, in giving it a chance, in seeing what it will do. You cannot go wrong in testing it for twenty-five days, in doing as hundreds of readers of this paper have already done, for you don't pay a penny *until it is proven*, until you can say, with a heart full of gladness and gratitude, "It is all right. It is the best thing I ever struck. It is an honest remedy. It makes health on the right idea." You run no risk, for we take positively and absolutely all the risk.

You Have All to Win And Nothing to Lose

When it proves it can restore your health, you will gladly pay for it. If it fails, we lose. You have absolutely nothing at stake in trying it, in using it, in seeing if it will not do for you the same wonderful work that it has done for thousands. But you stand to *win* a great deal that you want, the things you have been seeking, the things without which life is miserable—*robust health, full strength and natural vigor of mind and body.* You have all this to win and nothing to lose by trying Bodi-Tone. It is waiting, ready, willing, glad and anxious to have you try it on these fair terms, for it knows its power to cure, to heal, to restore health to the sick, strength to the weak, happiness to the miserable, hope to the hopeless.

Bodi-Tone

does just what its name means—*cures disease by toning all the body*, and we want you to try a box at our risk and see what it will do for *your* body. Bodi-Tone is a small, round tablet, that is taken three times every day. Each box contains seventy-five of these tablets, enough for twenty-five days' use, and we send you the full box without a penny in advance, so that you can try it and learn what it is, so you can learn how it works in the body, how it *cures stubborn diseases* by helping nature to tone every organ of the body. Tone is a little word, but it means a great deal, everything in health. When all the organs are doing their part, when each is acting in a perfectly natural way, when all the functions are healthy and performed with natural vigor, when the energy, strength and power of resistance to disease are all at a natural point, then the body is in proper tone. When disease has attacked any part, the tone of the entire physical body should be raised to the highest possible point, to make all the body help in the cure. This is the power which underlies all of Bodi-Tone's great work for the sick, this is the power it offers you to help you get new health and strength.

Not a Patent Medicine

Bodi-Tone is not a patent medicine, for its ingredients are not a secret. It contains Iron Phosphate, Gentian, Lithia, Chinese Rhubarb, Peruvian Bark, Nux Vomica, Oregon Grape Root, Cascara, Capsicum, Sarsaparilla and Golden Seal. Such ingredients guarantee its merit.

When you use Bodi-Tone you know just what you are using, know it is good and safe and know you are taking the kind of medicine to provide real help for the body. It is a pure remedy that satisfies the most exacting. It contains no narcotics or habit-forming drugs, nothing that your own family doctor will not endorse and say is a good thing. It does not depend on killing pain with cocaine, opium, morphine, or other dangerous drugs. It does not excite the body with alcohol, but it tones the body and cures its disorders with remedies Nature intended to tone and cure the body when that power was given them. Thus, Iron gives life and energy to the blood, Sarsaparilla drives out its impurities, Phosphate and Nux Vomica create new nerve energy and force, Lithia aids in the Kidneys, Gentian does invaluable work for the Stomach and Digestive forces, Chinese Rhubarb and Oregon Grape Root promote vigorous Liver activity, Peruvian Bark raises the tone of the entire system, Golden Seal soothes the inflamed membrane and checks Catarrhal discharges, Cascara gives the Bowels new life in a natural way, and Capsicum makes all more valuable by bettering their quick absorption into the blood. *A remarkable combination that does wonderful work for health.*

All for Health

Each one of these valuable ingredients in Bodi-Tone serves to assist, to help, to build upon the others work. Each adds a needed element from nature to the body. Each has work to do and does it well. They are used because of this ability. We claim no credit for discovering the ingredients in Bodi-Tone, each of which has its own well-deserved place in the medical books of most of the civilized world. We simply claim the credit for the successful formula which we invented, for the way in which these valuable ingredients are combined, for the proportions used, for the curative force which thousands have found in Bodi-Tone, for the cures which make it different from other remedies. Most of these ingredients are as old as civilization itself, for the curative forces Bodi-Tone uses are the forces which have always existed in nature for the restoration of the body's health. Many are regularly prescribed in some form by the medical profession for various diseases and irregular conditions, being used either separately or in combinations with such drugs as each doctor may favor, for there are wide differences of opinion among the doctors of various schools. The *exact combination used in Bodi-Tone* is what gives it the far-reaching and thorough curative and restorative power that makes possible the remarkable cures experienced by Bodi-Tone users, cures which prove the difference between Bodi-Tone and common remedies. That is why we want to send you a box of Bodi-Tone on trial, as soon as you write for it, for we know you will find it different and superior.

You Need It

If you are tired of ceaseless doctor bills and wearied of continual dosing without results, *you need Bodi-Tone right now.* If your local doctor has done you no real good, if you have given him a chance to do what he can and the ordinary medicinal combinations he used have failed, give this modern, scientific combination of special remedies a chance to show and prove what it can do for you. Its greatest triumphs have been among men and women with chronic ailments who had tried physicians and specialists at home and elsewhere without lasting benefit, and for this reason all chronic sufferers are invited to *try it at our risk.*

Bodi-Tone offers its valuable services to you right now, right from this page, if you are sick, if you need medicinal help, if your bodily organs are not acting as they should, if your body is not in right and natural tone. That is what Bodi-Tone is for—to restore health, vigor, vitality and strength by restoring tone to the body.

If there is anything wrong with your Kidneys, Bodi-Tone helps to restore tone to the Kidneys, helps to set them right. If there is anything wrong with your Stomach, Bodi-Tone helps to tone the Stomach, helps to set the wrong right. If there is anything wrong with your Nerves, your Blood, your Liver, your Bowels or your General System, the health-making ingredients in Bodi-Tone go right to work and keep on working day after day, exerting always a definite action that produces curative results of the kind sufferers appreciate. If you have Rheumatism, Bodi-Tone helps to eliminate the Uric Acid from the system while it restores tone to the Kidneys, Stomach and Blood, thereby preventing a continuance of Rheumatic poison and putting new activity into muscles, nerves and joints. Bodi-Tone should be used by all women suffering from any Female Ailment, for its toning properties have been found especially valuable in such ailments. Bodi-Tone should be used by all persons whose bodies are not up to the full maximum of natural vigor, strength and vitality, for its purpose is to restore the body to its highest plane by making health in every bodily function.

We Risk All

Why delay another day, when a trial of this proven medicine is yours for the asking. Why keep on suffering, when by clipping the coupon, filling in your name and address and mailing it to us, you can get a twenty-five days' treatment of this great remedy which has already restored thousands to health, which folks everywhere are talking about. It just costs a stamp and you don't pay a penny unless it benefits you. You take no chances, for the value and curative powers of Bodi-Tone have been amply proven by two years of glorious cures. It is no longer a new remedy, but a remedy with a history—a history of cures that has astonished the doctors and delighted the sick. It has been tested in thousands of cases, covering a great variety of ailments in both sexes, at all ages.

Persons suffering from Rheumatism, Stomach trouble, Kidney, Liver and Bladder Ailments, Uric Acid Diseases, Female Troubles, Bowel, Blood and Skin Affections, Dropsy, Piles, Catarrh, Anaemia, Sleeplessness, LaGrippe, Pains, General Weakness and Nervous Breakdown, have tested Bodi-Tone and fully proven its great remedial value in such disorders.

Their experiences have proven beyond a shadow of doubt how the Bodi-Tone plan of *toning all the body* is a right plan that helps to *cure* these and other disorders. Many who were for years in poor health and tried most all of the prominent medicines, have found that *one single box of Bodi-Tone* did more good than *all* the others combined. Bodi-Tone makes up and repays for past sickness with a *strong and virile health* that is often better than the sufferer knew for a long time before sickness began to trouble. It makes the body right with its maximum strength, vigor and vitality, which it may not have possessed for years previous, even when in fair health. Bodi-Tone works what seems a miracle by *putting tone where tone was needed.* Read the reports on this page, showing how Bodi-Tone cures, send the coupon for a box on trial and try it immediately.

Did Not Do a Day's Work in Over Two Years.

MARTINSVILLE, IND.—About nine years ago I took a bad cough, which later developed into chronic Bronchitis. I doctored with different doctors, but their treatment and prescriptions gave me no relief. I was also afflicted with Stomach trouble and Liver complaint. I paid out fully eight hundred dollars to the doctors and for medicines, but cannot say that any of it gave me any real benefit. I had not done a day's work for over two years until I took Bodi-Tone. I got more good from one single box of this remedy than from anything I had ever previously used. Its benefits have been real, for I am working every day now, after being sick and idle for two years. Bodi-Tone made me able to do it, after two years of failure.



ANDREW SHIVELY.

Nervous Prostration Made Her Life Miserable.

WEATHERFORD, OKLA.—When I began taking Bodi-Tone I was a nervous wreck, and I feel that I might have been in my grave today had it not been for this wonderful medicine. My Heart bothered me so that I could not rest well day or night and could not hold out to work half a day at a time. I am now feeling better than I have for fifteen years, for it has been that long since I began to run down in health. When I consulted doctors they would tell me that I was run down and needed a tonic, and they would proceed to prepare same for me. If they helped me at all, it would be very little, and I would soon relapse into that awfully tired, worn-out condition. Women will understand how I felt. Since my baby came, two years ago, I have been a walking skeleton, and a year later I collapsed completely. The doctor said it was Nervous Prostration. I thought I was going to die, I was so miserable At this time I saw Bodi-Tone advertised and procured a box. Before I had taken all of it I had improved wonderfully, and I kept on taking it for a while longer. This was four months ago, and I can truthfully say that I feel like a new person.



MRS. M. WEAVER

Was Badly Crippled With Rheumatism All Through Body.

GLOVERSVILLE, NEW YORK.—I think there is nothing to equal the Bodi-Tone tablets. I know what they did for me and think they will do as much for others. I haven't felt so well in years as I do since using the Bodi-Tone. I had the Rheumatism all through me so bad that I could hardly move. I had tried most everything for it, but was still crippled when I first began to read about Bodi-Tone. I took one box and found they were helping me, so I got more. It has done the work that nothing else would do, and today I am feeling as well as any man can, considering my age, which is sixty-three. Before using Bodi-Tone I would work two or three days, mostly in misery, and then lay off, but now I am working every day and have not lost a day in months.



JAMES VAN BROCKLIN.

COUPON

Clipped from Up-To-Date Farming

Bodi-Tone Company,
Hoyne & North Aves., Chicago, Ill.

I have read your offer of a dollar box of Bodi-Tone on 25 days' trial, and ask you to send me a box by return mail, postpaid. I will give it a fair trial and will send you $1.00 promptly when I am sure it has benefited me. If it does not help me I will not pay one penny and will owe you nothing. Neither I nor any member of my family have ever before used Bodi-Tone.

Name_____

Town_____

State_____

St. or R. F. D._____

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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EDITORIAL

Making Fools of Themselves---Reciprocity the Knell of Parties

WE DO not wish to use disrespectful language in speaking of any one, and we concede that men elected to serve in our law-making bodies are smart men. To refuse to admit that would be to arraign the people whose votes elected them, for being unwise in the use of the ballot. But sometimes the acts of those smart men can be no more fittingly expressed than in the heading of this article.

At the election last fall the masses of the people repudiated men who had long been in congress, and chose new men in their places, to do which they had to overcome party prejudices and overstep party lines. This was not because the voters felt any less appreciation of their party traditions, but because they believed their party representatives were neglecting the interests of the masses of the people, particularly the agricultural masses, and were directing legislation to the benefit of a certain privileged few. It was this legislation and one-sided rule that was repudiated rather than the party to which the representatives belonged. The newly elected congressmen, reversing the power in the House, must have known this, and yet their first prominent act places them in direct line with the men they defeated. With a characteristic party madness, they rush to the support of the special interests, obey the commands of the privileged classes, ignore the rights of the masses of the people, and strike the farmers the severest blow ever dealt them by a law-making body. That is why we say they are making fools of themselves, and we are strongly inclined to justify the expression.

One of our Colorado subscribers wrote his congressman protesting against the Canadian agreement, and urging him not to support the measure. He sends us the reply he received, and we publish it, omitting the name, though the writer really does not deserve that consideration:

Dear Sir: In reply to your letter of March 28, will say that, while I am glad to have you frankly express your views to me about Canadian reciprocity, I feel that you would want me to be equally frank in saying that I feel called upon to give my support to it. I do not like the manner in which it is framed, placing raw materials on the free list and leaving a tariff on the manufactured article, and I have no doubt that the Democratic house will pass an independent measure placing upon the free list Canadian manufactured articles, the raw materials of which are free-listed by this treaty. However, the demand for the treaty is so great and is receiving such universal press support, that it would be suicidal for the Democratic party to stand in the way of its passage. Not satisfied with the fact that I voted for the treaty in the last session and will do so again. I have received letters from the editors of the two leading Democratic papers in Colorado expressing regret that I had seen fit to criticize it. This shows which way the wind is blowing. After all, I believe close trade relations with Canada to be a good move on the part of the United States. It will not lower the cost of living, but it may give us a much needed food supply in the future, as we are fast becoming an industrial, whereas we were formerly an agricultural nation.

Very truly yours,

Yes, the congressman felt called upon to support the measure. Called upon by whom? The special interests, the trusts and manufacturing combines, of course. Don't like the wording of the agreement, but believes the House will pass an independent measure. Suppose it does. These congressmen know that such a measure can not get through the Senate, and if it could it could scarcely pass Taft's veto. It is not so with the reciprocity agreement. Such Congressmen send that measure through, knowing it may become a law, and then follow it with a schoolboy's mud ball knowing it can not get through the walls of the Senate. Why not send the "independent measure" ahead, and make the support of the agreement depend upon the adoption of the independent measure? Instead of that, they stab the farmers, rub salt and vitriol into the wound, and hold up a leaky pan to catch the blood.

But suppose Canadian manufactures were put upon the free list. That would not benefit the farmers at all, nor would it in any degree offset their losses from the glutting of their markets by Canadian field crops; for Canada is not a manufacturing country, certainly not of the commodities farmers must buy at prices made high by the tariff for the benefit of the manufacturers.

The press is not universally supporting the agreement. Some of the most powerful publications of the country oppose it, and it has the support only of those that are party tied, and such as are published in the interest of the trusts and combines. But letters from two editors show "which way the wind blows." Dust and feathers go with the wind, but congressmen ought to be made of heavier material.

But the agreement may give us "a much needed food supply in the future." That is a confession that the congressman who wrote the above letter, knows the effect of opening the fields of Canada to the American market will have the farmers of the United States. We agree that it is up to our farmers to furnish a food supply, and when they fail to do so, the eaters will be justified in looking elsewhere for it. But when have the American farmers failed? When have they received more than a reasonable price for their products? Why is there a constant stream of labor from our farms to the cities, to the shops and factories? Because the profits of manufacturing, boosted by high tariffs, are so much greater than those of agriculture that the manufacturers can pay higher wages than farmers can, and labor naturally and properly seeks the highest pay.

The farmers of this country have never failed to produce enough and to spare. In proof we refer to the annual exports of farm products; and the prices paid the farmers for those products have never been excessive, have never been high enough to enable farmers to compete in wages with the trades and manufacturers, hence the notorious scarcity of farm labor. Sometimes there are unusually large yields, and these are always followed by glutted markets, a depression of prices, and a loss of profits to the farmers. Glutted markets resulting from increased quantities, no matter how produced, have the same effect. Opening the fields of Canada that the products of that country may be poured into this, will have exactly that effect, and it will come every year. It is simply robbing American farmers for the benefit of speculative buyers and storers, who hold the supply and make the prices to consumers the same as before. Any Congressman, whether a farmer or not, ought to be able to understand that situation, and its inevitable effect upon farming in this country.

But is Canadian production sufficient to thus harmfully add to the supply and depress American prices? We wish Senator Porter J. McCumber, of North Dakota, to answer that question. In a speech delivered in the United States Senate, February 25, 1911, Senator McCumber said:

Senators comprehend very little about the country that is immediately north of the United States and lying west of the Red River of the north. There are five or six great provinces, and any one of those provinces would make five or six of the average states of this Union, and every one of them is fertile and every one of them is capable of producing a greater per-acreage crop than can be produced in the United States.

I am going to call attention to only three of them. I will take the province of Saskatchewan, which lies right north of the western portion of my state and of eastern Montana. It has 160,416,000 acres, and it has a tillable acreage of 86,826,240 acres.

Manitoba has 27,000,000 acres of tillable land. Alberta has 100,000,000 acres of tillable land. I think there is considerably more than that, but that is a very conservative estimate. That means 213,826,248 acres of tillable land in those three provinces, and the average of wheat production for 1909 was 21 bushels per acre in those provinces.

But let us suppose that all of the tillable land was cultivated and the yield only 10 bushels to the acre, and I am speaking now only of these three pronvinces and the tillable sections thereof. If it was 10 bushels to the acre those provinces alone would produce 2,138,000,000 bushels of wheat. I want to compare the size of any one of these provinces that senators may comprehend the danger that lies at our door with any of the great wheat-producing states in the Union.

Let us take Saskatchewan, with her 250,000 square miles. That is as large as the states of Idaho, Iowa, Illinois and Michigan combined, all of them great agricultural states, and that province is capable of producing as much or more than all of them combined. That is only one province.

Here is Manitoba. It is larger than North Dakota. Here is Alberta, with its 253,000 square miles; larger than Minnesota, North Dakota and South Dakota combined.

Mr. President, I know something about the productive capacity of that country, and I know almost all about its size and the land that can be put under cultivation. It will take you 36 long hours of riding over a fertile country from Winnipeg up to Edmonton, upon the Canadian Northern Railway. It will take you about 20 hours to ride south from there until you get down as far as Calgary, on the Canadian Pacific, and it will take you another 30 hours to get back to Winnipeg, and all of the country you will traverse is, every acre of it, tillable land. There are little bunches of timber here and there, just enough to furnish firewood for the farmers who may settle that country in the near future.

And all the grain that can be produced in these provinces will be in competition with the grain of the United States. And while I am speaking of Liverpool prices, let me have the attention of those senators who declare we will not suffer any by reason of placing our products on the free list. Let us see whether we will suffer or not. For the last 10 years, although we have been exporting, I think, in that time as high as 125,000,000 bushels of wheat in a single year from this country, nevertheless our range of wheat prices throughout the Dakotas and Minnesota has been on an average of 10 cents a bushel better than on the Canadian side. The Great Northern Railway runs through our state for 400 miles east and west. The main line is about 100 miles south of the Canadian border, and every 25 to 35 miles there is a spur that runs up and across the Canadian line, and there are little towns on these spurs or feeders on each side of the boundary. One instance is that of Portal and North Portal. It is all one city, with the British flag flying on the north side of the street and the American flag on the south side of the street of the same town.

Just before this reciprocity matter was reported to congress, and having an idea of what was coming ,I wrote to my friends along the border line to get the market price for wheat in every one of these towns, and I have 27 of these towns here in a table which I have prepared which shows the difference in the value of wheat and barley on one side and on the other side of the line and which will be of value in determining whether protection does protect our cereals.

Go up to Portal, and if you will buy wheat on the side over which the British flag flies you will pay 10 cents a bushel for it less than you will on our side today, or at least that was the case until this reciprocity agreement came before congress.

I will take December 31, 1910. Wheat in Kermit, in the United States, 90 cents a bushel. The nearest town in Canada is Estevan, where the price was 76 cents a bushel. These towns are 15 miles apart, and there is 14 cents difference in price of wheat, and the freight is exactly the same where the grain goes through the United States in bond.

January 10, Pembina, in the United States, wheat, 97 cents. In Emerson, just over the line, about 4 miles apart, 82 cents—a difference of 15 cents.

That is the hole into which these accidental congressmen, in a place for a brief season they have already proven themselves unworthy of, feel "called upon" to put the American farmer. The change of prices in North Dakota must necessarily affect the prices of wheat all over the country, and it is equivalent to taking 15 cents a bushel from the price to the growers of every bushel of wheat produced in the United States. But it does not take anything from the price of flour; the millers are "protected."

And it affects in the same way the growers of other grain. Barley comes in free under this agreement, but if converted into brewers' malt, it can not come without paying 40 cents a pound for the privilege; the brewers must be "protected," and this enables them to charge 40 cents a pound more for their stuff than they could if Canadian malt came in free.

So, also of the stockmen. Cattle, hogs and sheep may freely cross the line alive to depress the markets and lower the prices of livestock in this country; but if killed and made into meat in Canada, they must not come without paying a duty; the packing houses are "protected." And so with all other manufacturing interests.

The farmer, that carries upon his shoulders the prosperity of the country, the welfare of the world, and the very existence of the human race, must be deprived of even the strap that enables him to hold the burden upon his shoulders, and his sons and daughters are driven to places where the burdens are less, protection is greater, and wages are higher. And lawmakers chosen by the votes of the people are responsible for it all.



VIEW ON SUBSCRIBER E. WILHELM'S FARM BENNING, NEB. PHOTO BY STAFF PHOTOGRAPHER MR. HARVEY. THE FUTURE FARMER AND SUBSCRIBER IS MR. WILHELM'S 6-YEAR-OLD SON ON THE HORSE'S BACK.

How to Have Cheaper Food

THE excuse for everything done by the schools or the authorities to reduce the prices for farm products is a desire to lower the cost of living. The only lesson taught, or attempted to be taught, by the agricultural schools, the farm press or the institutes is to increase production. Increased production enlarges the supply, and the larger the supply the lower the price. An overproduction makes glutted markets, and glutted markets destroys the price. These propositions are logical, and no one will dispute them.

The same reason is given by the authorities for removing the tariff from Canadian products, and inviting those products to compete with our own in our own market. Bringing in a surplus must have the same effect on the markets that an overproduction in this country has; it increases the supply and reduces the price. Therefore, the constant effort to increase production, if successful, and the admission of Canadian products, have the same effect, the reduction of the prices paid American farmers.

Why reduce these prices? To diminish the cost of living, they say. But it is admitted everywhere that farmers do not receive excessive prices. Farmers are the poorest paid laborers on earth. Labor every where else receives better pay, and farm laborers leave the farms to get the better wages paid elsewhere. This has been going on as farm boys have grown up until there is an alarming dearth of farm labor, and it is often impossible to give the crops the cultivation they need because of the lack of farm labor.

Therefore, prices received by farmers is not the cause of the high cost of living. This has been admitted by our wisest men, and has been proven by our most impartial investigators. Why, then, seek a remedy where it is agreed the cause does not exist? The remedies applied can only aggravate the disease. Reducing prices that are already too low to hold the sons and daughters of the farm, must make matters worse, and result in the most cruel injustice to our greatest and most necessary calling. If the cost of living is too high, seek the place where the excessive price is put upon the commodities that enter into the living. It is somewhere between the producer and the consumer. Let us to the facts:

Suppose a farmer receives $1 a bushel for wheat. A bushel of wheat will make about 75 five-cent loaves of bread, for which the consumers must pay $3.75. Was the high cost of living in the cost of the wheat of the cost of the bread? Reducing the price of the wheat to 75 cents a bushel would take from the farmer one-fourth of his earnings; how much would it reduce the price of bread? Would that not be five cents a loaf still?

Again: A bushel of oats, for which the farmer may receive 30 cents, will make about 23 packages of Quaker Oats, which sells at ten cents a package, the retailer getting $2.30 for what the farmer sold for 30 cents.

Take meat. The dressed weight of a beef is 65 per cent. of its live weight, so that a steer that weighs 1,200 pounds will dress about 800 pounds of meat. This is classified and sold to eaters about as follows: Ribs, 72 pounds at 18 cents; loins, 152 pounds, at 23 cents; chucks, 216 pounds, at 15 cents; plates, 104 pounds, at 8 cents; shanks, 24 pounds, at 3 cents; rounds, 184 pounds, at 15 cents; flank, 24 pounds, at 8 cents; suet, 24 pounds, at 4 cents—total, $120.90. If the farmer received for the steer 5 cents a pound, or $60, he got above the average price. Besides, there is the value of the hide and by-products to add to the figures the animal grew to be worth between the farmer and the eater.

If there is a desire to reduce the cost of living go to where that cost is made. Change the system of marketing. Cut out needless and excessive profits. Abolish the toll gates through which the commodities now pass, and get more directly from the farm to the table. Present attempts to reduce the cost of living may ruin farming, but it will not make food cheaper. It makes it all the easier for speculation and greed to buy up on glutted markets and control the supply, so as to charge consumers any price they please for the food consumed.

The Price of Coffee

COFFEE is an article of as universal use as any other product of the soil, perhaps, unless we except the crops that produce bread. It is not, however, a necessity, and the human family could live without it—possibly as well as with it. But so long as people are able to buy it they will have it, unless there should come a revolution in human taste and habit.

Measured with previous years, the price of coffee is high, and it is going higher. Ask a Democratic dealer why, and he will tell you it is on account of the tariff; a Republican dealer will tell you there has been a failure in the crop. Neither is correct. There is no tariff on coffee, and there has been no shrinkage in production. Nearly two-thirds of the world's coffee is produced in Brazil, and any Brazilian grower will tell you that, for several years past there have been unnesessarily large crops of coffee in that country, amounting to a real over-production, and that the growers have been compelled to accept any price offered, prices to the growers ruling extremely low.

Why is it, then, that prices in this country are so high? A combination of capitalists, concentrated wealth, has each year for the past three or four, bought the entire crop, stored it in their warehouses on the two sides of the ocean, and have sold only when the demand would pay the price greed put upon the commodity. The surplus is held off the market as firmly as if there were no surplus, making the effect the same as if there had been a series of crop failures.

The trust, until very recently, had in storage, 6,200,000 bags of coffee. This was held until the market was considered by the profit grabbers sufficiently bare to justify a release. Consequently 1,200,000 bags were put on the market, one-half in Europe. Of course this quantity was eagerly taken at the prices named by the trust. More will be released when this is consumed, and so on; each crop being taken in as it is harvested. Of course, the trust don't want large crops, and they have warned Brazilian planters to reduce production or prices to them will go still lower. In selling, the trust can charge whatever the managers please, because they own the world's supply, and the producers must sell for whatever is offered as the trust is the only buyer.

This is very much like the tobacco situation at home, and the opening up of this country to the farm products of Canada is but paving the way for a like control of the bread and meat products. So long as the trade of Canada and the United States was separate, prices could not be forced low enough to justify an attempt to buy up and hold the total output. Flood our wheat and other farm crop markets with the products of Canada, producing the same effect as Brazil's excessive coffee crops, and the speculative syndicates will quickly get in their work.

This problem is not only up to the farmers, but it ought to be a matter of serious consideration for the government, and it would be if we had a "government of the people, by the people, and for the people," as we boast.

Time and Quantity of Egg Storage

THE cold storage of eggs and other foodstuffs is an interesting problem, and there is no question but that its employment is a great benefit to the human family, or, rather, a great means of guarding the human family from what might be disastrous conditions. One can easily conceive of emergencies when it would be quite impossible to meet the needs of present population with current production, while at other times there is very clearly a surplus. The ability to hold the surplus to be in readiness to meet shortages guarantees against want, and ought to maintain a happy equilibrium of supply and price.

But, like other good things, cold storage is liable to serious abuse. If an actual surplus may be held by means of such storage, more than the surplus may be held by the same means, and if short crops and a scarcity of the stuff on the market makes high prices, the holding of the stuff in cold storage and thus creating an artificial scarcity on the market, must also make high prices. And if the stuff can be bought in the original market, or in glutted markets, at low prices and thus held so as to compel high prices, profits may be wonderfully increased. Here is the temptation. Buyers and storers may thus compel consumers to pay inordinate prices, precisely the same as though production had been short. They thus create, to all intents and purposes, an artificial famine which robs consumers but gives no higher prices to producers. This is the abuse of cold storage, and it gives speculative greed an opportunity wholly unknown in the days previous to the employment of this means of holding commodities otherwise perishable. The following facts concerning the storage of eggs are interesting.

The figures given are for the season of 1909-10, during which time more than 300,000 cases of eggs were held in the warehouses of the merchants' refrigerating company of Jersey City. Eggs began to go into storage in April, and during that month 85,000 cases were stored. In May 75,000 cases were stored, and in June 54,000 cases. Less than 10,000 cases were stored in July, and only 1,200 cases in August. This shows that April, May and June are the principal storage months. These are usually the months of low prices to farmers during the heavy spring production.

Withdrawals from storage did not begin until August and during that month 10,000 cases went onto the market. During September 22,000 cases were sold, in October 33,000; November, 61,000; December, 71,000; January, 39,000, and in February, 32,000. It will be observed that the sales came just in time to compete with the farmers' light production of fall and winter eggs. It does seem like, in all these things, the farmer is the man that "gets it in the neck," and it will be so until farmers adopt a different system of marketing. If farmers would sell only on a consumers' market, and make shipments directly to the demand, preparing themselves to store the real surplus, they could cut out this unscrupulous greed, keep the market steadily supplied at equitable prices and get a benefit themselves which could not but be fairly divided with their customers, the consumers. After all, that is a very simple proposition and the Equity System does it.

Responsibility of Public Officials

WE HAVE no desire to view things from an exclusively farm standpoint. We wish to be broad in whatever pertains to the general public. But it must be borne in mind that, while farmers as a class are not without friends, and that, while there are able publications devoted to agriculture. These are all lined up in the single interest of production, regardless of price or marketing, or the effect the acts of the governing powers may have on farmers or their business. Thus it must be confessed that farmers have but a limited source of information in regard to these important matters, and that they must go outside of their own literature to get it.

This fact alone puts farmers at a disadvantage, and is largely responsible for the indifference of public officers to great and vital interests of the agricultural classes. Farmers vote in elections, and the fate of candidates hangs upon those votes; but politicians see to it that prejudices are built up among them, that strife is cruelly fermented in their ranks, so that they may not see the issues that really affect them. And this very narrowness of their sources of information makes them easy victims, so to speak, and perpetuates the rule of onesided selfishness in the affairs of government.

But we wish to serve notice, here and now, that public officers must realize that they are responsible to their entire constituencies, and we believe the time is near when they will be so held. We would not have a congressman, or a member of a state legislature, or a judge of a court, or a president, neglect the interests of the wealthy combinations or the privileged classes to serve the farmers any more than we would have them neglect the latter to serve the former; but public measures and administration, the acts of all these officials, should serve all classes alike, without "prejudice or partiality." Are we told there are measures that will not so harmonize? It is up to these officials to make them harmonize, to so arrange them that they will not boost one class to the injury or detriment of another, or they should turn them down. If they are not sufficiently unprejudiced or have not the courage to do the latter, or are not statesmen enough to do the former, they are not large enough for the places they occupy and they should get out of the way so as to let in bigger men.

The day of official devotion exclusively to political party, or to any particular interest, however great and powerful that interest may be, or however able in manipulation and control of elections, or however free with millions accumulated by doubtful means, is certainly passing. We believe the farmers, the industrial millions of the fields, with their new sources of boldly given information, and awakened to the real position they occupy even in the business world, will also assert and maintain their proper power in the affairs of government. Politicians who expect to become officials, or managers of officials, will learn that they must go to the farmers with argument and truth instead of bombastic appeals to prejudice, and must show that they can see and will serve the needs of agriculture as fully and as freely as they do those of the great combines and special interests. Farmers ask no more than that, and they should not be expected to accept anything less. Foolish quarreling among themselves while others are slyly sopping their bread in the farmers' plates, is not worthy of the greatest class of productive labor in the world, and when farmers learn, as they are rapidly doing, that they can sell as well as produce, they will learn also that privileges conferred by law are as much theirs as anybody's else, and then their rights will be respected and their interests regarded and protected. Public officials will be held responsible for fair and equitable laws and just government.

How the Trusts Work

THE Labor Commissioner of Missouri gives us a very clear idea as to how the trusts work, and shows the farmers what they are up against if they continue in the old ruts of studying nothing but production and competing with each other in marketing whatever the soil produces.

Take the tobacco crop as a good illustration. For a few years past the tobacco growers in the centers of production have made a more or less effective effort to control the marketing of that crop, and in the main, have received fair advances in the price. But as successful methods of control develop the center of production shifts.

In 1909 the total production of tobacco in Missouri was 4,433,850 pounds, which was worth on the market for that year $576,400, or 13 cents a pound. The crop of 1910 was 7,875,000 pounds, estimated to be worth on the market of that year $945,000, or 12 cents a pound.

Thus in a single year was the tobacco production of Missouri almost doubled, and the price dropped a cent on the pound. That the fall in price was not greater is clearly the result of the effort at control in the great producing state of Kentucky, and the nearby sections, the trust holding up the price in Missouri to stimulate independent production. The crop of 1911, says the commissioner, will be larger than that of 1910, as a larger acreage has been planted.

How this rapid gain in the production of tobacco in Missouri was brought about is thus told:

At the close of 1907, after the tobacco war had commenced in Kentucky, the wholesale consumers turned their attention to Missouri, encouraging farmers here to attempt to raise white burley in large quantities by distributing free seed and offering a fancy price for all which would be produced. The effect was magical, as the crop doubled up over 1907, and so did the worth. Early in 1909 tobacco buyers pursued the same course, with the result that the yield of this state increased 102 per cent. during that year over 1908. And now comes the largest crop of all.

It is now said that white burley is successfully grown in more than half of Missouri's 114 counties, and that the trust is redeeming its promise to the growers there is shown by quoting tobacco prices that were being paid December 1, 1910: In Kentucky, 8.7 cents per pound; Tennessee, 8.4 cents; Virginia, 9 cents; West Virginia, 10.3 cents; North Carolina, 10.6 cents; South Carolina, 8.6 cents; Missouri, 12 cents.

Under present methods of production and systems of marketing, every farmer competing with every other farmer both in production and marketing, the combined buyers, storers and speculative pricemakers are too strong for the farmers. In fact, no matter what the crop, the farmers are absolutely at the mercy of the buyers. If the latter can not control the price and buy at their own figures, they enter the fields of production, create new centers, and thus destroy local efforts at control, and in so doing rivet more firmly their fetters on the hands of agriculture. The only way to defeat these powerful combinations is in a nation-wide organization, that will include ALL crops everywhere, and that supplies consumption instead of the storage houses of speculation.

System and Cost of Marketing

The Old and the New Systems of Marketing Farm Crops Compared

By J. A. EVERITT

SECOND ARTICLE

(Editor's Note—This series of articles began in the May 1 number and is expected to continue to July 15 number inclusive. Our idea is to compare the present system with its uncertainties and excessive cost to maintain with the Equity System. To make the article of the greatest value our plan is to take the matter up by sections and cover one section complete in each issue. The editor's absence from the office when our May 1 issue was made up is responsible for a departure from this plan and an excess of the old system copy was run without any comments or comparisons. To make it unnecessary to reprint the matter we now ask our readers to refer back to the May 1 installment, beginning on page five and to the paragraphs referred to below by numbers 1 to 9.)

The subject considered in the preceding number was "Finding a Market," by the old system. We will now proceed to tell how a market is found by the Equity System. But before proceeding to a comparison of the two systems we make the following general observations, a, b, and c, which always keep in mind:

a. The things farmers produce are absoltuely indispensible to the people off of farms and to their dependent animals. They sustain life and clothe the people.

b. If all farmers would turn all their crops over to one person—their agent—to sell for them, that person could get such prices for them that would transfer practically all the wealth of the country to the farmers for a year's crops. Yet we see the producers of such indispensible things actually peddling them from house to house or from market to market, begging for somebody to make them an offer.

c. If, then, the producers of farm crops will organize and market as a unit, instead of marketing as many units, prices could be set, the demand would be compelled to seek the supply and the agreed price would be paid.

FINDING A MARKET

1. Readers of this paper probably know already that the Equity System provides for a local union at each railroad station or shipping point. It is presumed that this will include every town and city where there is a demand for farm produce, either direct to the consumer, house to house, or by retailers—stores. Except when a producer has his special customers, all of the supply should be reported to the local union secretary and all of the people, or stores, wanting it, will be obliged to communicate that fact to the secretary and call for it; or have is delivered direct to the demand. Then "making inquiry from house to house," or "from store to store until a purchaser is found," as in the old system, in order words, peddling, will not be necessary. In the new system, instead of the supply hunting the demand, the demand will hunt the supply and it won't wait long either, because people get hungry three times a day. The producer will be sure of his markets by the new system, but he is not sure of them by the old.

2. In marketing live stock under the Equity System there will not be any "diversion of shipments," or guess work. The demand must always express itself before a car is started and then it will go direct to the place where it is needed. No argument is necessary to convince even the most obtuse of the economy in time and expense of handling and transporting by the Equity System.

3. Every time a commodity changes hands in the old system it is tolled, either at the expense of the producer or the final purchaser. The whole scheme of the Equity System is to shorten the route to market and avoid all of the unnecessary toll gates. By avoiding them, they will eventually close because of lack of use. The new system will direct every car load of grain from the point where it was produced straight to the mill where it is to be ground, or the market where it is to be consumed. Also it is entirely practical, in fact, it is a part of the plan, to have representatives on all large, foreign markets where the foreign demand must express itself and shipments will be made direct from points of production to such foreign points of demand. In order to control the supply and secure a steady distribution over a year, elevators will be used for grain the same as at present, but the grain will be stored for the account of the producers instead of for the account of speculators; and to make and maintain equitably profitable prices, instead of for exploitation and to get all the profit greed can extract. Compare this way with the system that has resulted because of the farmers' habit of dumping, as explained in paragraph No. 2.

4, 5, 6. Every step in the old system is characterized as "Making inquiry for a market," or "Searching for a market." If we were considering any other class of commodities than farm crops, on which the very lives and comforts of all the people, and all the domestic animals depend; this condition would not be so absurd. Everything else that we can think of can be done without part of the time, or all of the time. But what the farmers have to sell can't be done without a day. Then why are the only people who have the only indispensible things, beggars when they come to transfer them to others? The answer is, they lack SYSTEM in marketing. In the Equity System, "diversion of shipments," as explained in No. 3, will never be necessary as we have explained. The demand will have called for the supply and even the price will be agreed upon before a car is started. To illustrate: In the "diversion of shipments" plan a car of fruit from California may be stopped at Kansas City, only to be reconsigned to St. Louis because the market promised better. But on arrival at St. Louis it looked as though Indianapolis, or Columbus, or Pittsburg would pay more, therefore it was reconsigned again. In this way the car finally reached an eastern city at a time when the first market it stopped at, Kansas City, is the higher one. So it is all the way; purely guessing and the guesser always pays a big price for his gamble.

7, 8. The viciousness of the old system is nowhere exhibited more completely than in "auction" selling. How any farmer can produce crops and then turn them over to an auction house and still retain any self respect, is beyond our understanding. Truly, the exploiters of farm crops have resorted to ingenius plans to transfer the repudiated products of American farms, gardens and orchards to the hungry millions. Boards of trade and produce exchanges have been called "The Devil's Workshops." Well, the auction system must have been the old fellow's personal invention, for his special amusement. We have seen carloads of fine oranges, bananas, pineapples, apples, etc., sold in auction houses at the rate of a carload in twenty to thirty minutes, and the sales were made in comparatively small lots, too. The auctioneers are usually as heartless as the pigstickers in slaughter houses. They never think how much of investment, toil and hope are bound up in each such consignment of fruit, wool, tobacco, etc.; nor of the disappointment that usually comes to the whole family—the producer—when the returns are received. Oh, why will the people who feed and clothe the world perpetuate this system that robs them yearly of more money than the entire cost of running our government and which is responsible for more misery each year than any pestilence or war that ever visited our land?

The Equity System can bring a change quickly if the people want a change.

9. As in all other transactions, involving the products of the farm, live stock will be priced by the owners and the price agreed upon before a car starts. Then, when commission men are employed they must be paid by the buyers. Also, then the fancy prices changed for feed fed to stock en route, and in the yards, must be paid by the receivers.

The second article will consider different classes of middle men—traveling buyers, general merchants, local buyers, commission merchants, etc.

The Crisis

I wonder, when will it come,
That moment of uttermost test
When the naked soul is confessed?
Will it come when the drum and the bugle wide
Summon the nations of earth to ride
Like Vikings of old on a turbulent tide
On the war wave's red spumed crest?

I wonder when will it come,
That soul-searching moment, to me—
And where, on the land or the sea?
Will the heart be dumb and the hand be numb
Or the spirit stout when it takes the lis
For the fateful courage of the battle tryst
From the first ordained to be?

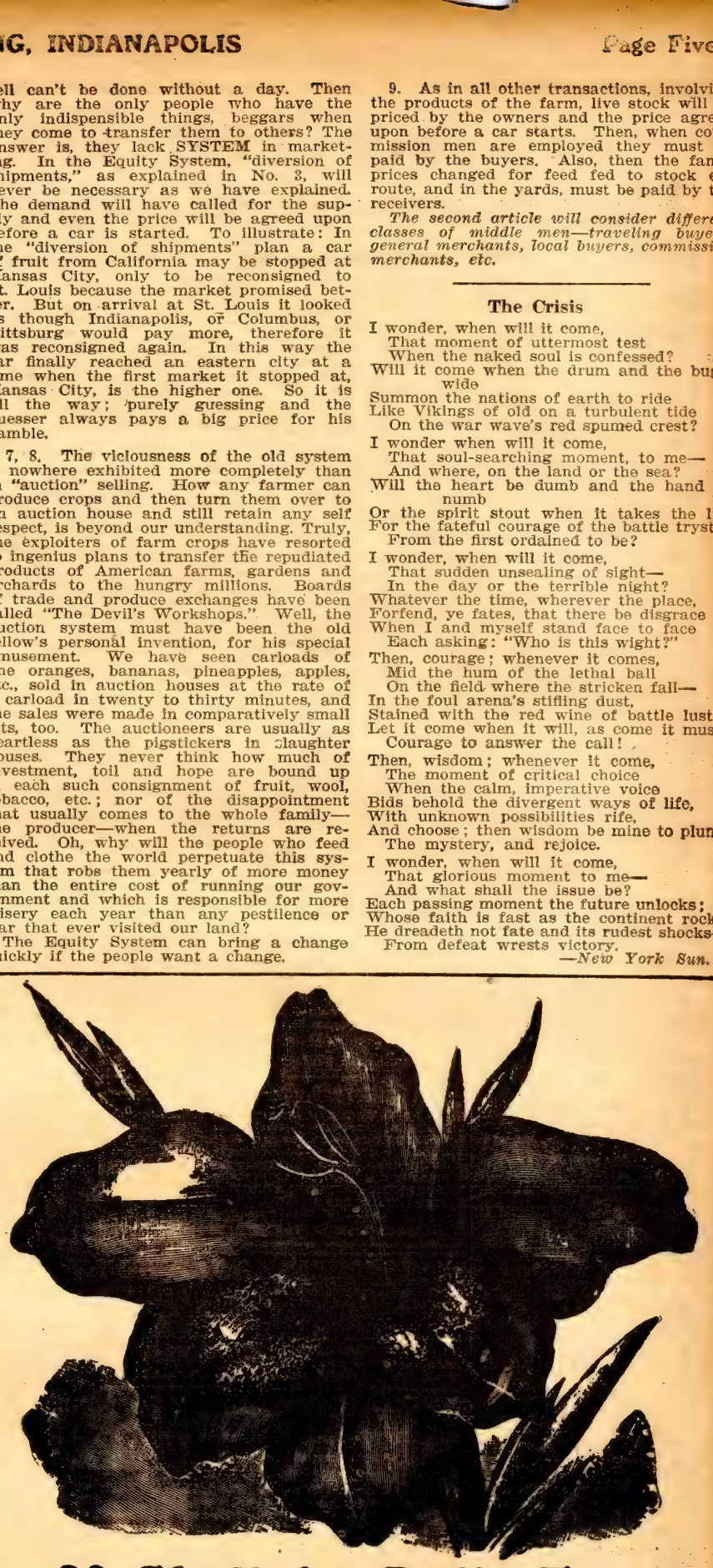
I wonder, when will it come,
That sudden unsealing of sight—
In the day or the terrible night?
Whatever the time, wherever the place,
Forfend, ye fates, that there be disgrace
When I and myself stand face to face
Each asking: "Who is this wight?"

Then, courage; whenever it comes,
Mid the hum of the lethal ball
On the field where the stricken fall—
In the foul arena's stifling dust,
Stained with the red wine of battle lust—
Let it come when it will, as come it must
Courage to answer the call!

Then, wisdom; whenever it come,
The moment of critical choice
When the calm, imperative voice
Bids behold the divergent ways of life,
With unknown possibilities rife,
And choose; then wisdom be mine to plumb
The mystery, and rejoice.

I wonder, when will it come,
That glorious moment to me—
And what shall the issue be?
Each passing moment the future unlocks;
Whose faith is fast as the continent rocks,
He dreadeth not fate and its rudest shocks—
From defeat wrests victory.

—*New York Sun.*



20 Gladiolus Bulbs Free

To everyone who will send three dimes or 30 cents in postage stamps, I will send the following:

Up-to-Date Farming one year,
A Richly Illustrated, Original, Practical, Monthly, Floral Magazine, one year,
And 20 Gladiolus Bulbs

ALL FOR

30 Cents

Every bulb guaranteed to bloom. Fine French hybrid varieties, mixed. These bulbs are of superior strains, the colors are varied and the form of the flowers, striking. Imagine stalks from 1½ to 3 feet tall, topped with a flower spike that bears in succession 10 to 20 beautiful flowers like in the illustration. If you will plant these bulbs they will make your most prized and finest display of flowers.



Set the bulbs six inches apart and six inches deep. They can be set promiscously or an oblong, or circular bed, as shown to the left and right, or in any other form. Every bulb will grow as readily as a potato and is sure to bloom. No insect pests or blight to bother.



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Send me 30 cents and I will send Up-to-Date Farming one year, the floral magazine one year and 20 gladiolus bulbs, all post paid. In clubs of four or more I will accept 25 cents each and send the same premium to each. **THIS IS A GREAT OFFER.**

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapoliis, Ind.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is produced. that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the present term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$6 00@7 00
HOGS—At Chicago, per cwt. ..$6 00@7 00
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

Advice

Hold wheat, corn, oats and broom corn. Market all the hay, potatoes, cabbage, hogs, cattle, barley and cotton you can as long as minimum prices or better will be paid. Market beans gradually. Stop if the prices go below the minimum.

WE REGRET to say that trade over the the country is dull notwithstanding most flattering crop prospects. Spring work has been delayed some by wet weather in April, but all that has been lost in time can soon be made up now that good weather prevails very generally. But the delayed work was more than compensated for in the splendid progress made by winter wheat, oats and grass. The spring season was just what wheat needed to counteract the threatened invasion by Hessian fly. Fruit prospects, covering all kinds, are all that could be hoped for as far as quantity is concerned.



THIS SLY FOX HAS SEEN TRAPS BEFORE.—Scott in the *American Economist* (New York.)

The government crop report for May 1 gives the condition of winter wheat as 86.1, compared with 83.3 one month before, 82.1 a year before, and 86.0 the average for the past ten years. Montana has the highest condition, 98; Idaho and Washington, 96, and Oregon, 94. These states are credited with condition represented by 92; Missouri, Kentucky, Utah and Wyoming, Indiana, Nebraska, Alabama and New Jersey, 90. The heavy producing states not already mentioned are reported as follows: Kansas, 76; Nebraska, 88; Illinois, 88; Ohio, 88: Pennsylvania, 89, Oklahoma, 67; Michigan, 91; California, 83.

The spring wheat acreage is estimated by the government to be 1,000,000 acres larger than last year.

There have been notable decreases in the visible supply of grain, notably wheat and corn, since our last report. The tables show. In *four* weeks the visible supply of wheat decreased 8,000,000 bushels, and the corn visible decreased 9,500,000 bushels in the same time.

Prices of wheat and corn are higher but oats are lower. Potatoes reached the top for the crop since our former report, but are a little lower now. We believe we can not suggest a better rule for potato growers, if they ship direct, than to start cars when a glut is on. They will then most likely reach the market when it is hungry. In other words, if you know what other farmers are doing in marketing do the contrary thing. Hay prices continue high. Broom corn not doing much good. If you are a grower of broom corn, put out the usual crop. Many others will plant less, because of the low prices. This is according to the rule that the old system suggests. Beans are bringing $2.25 and upwards in some markets.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on April 29, 1911, with comparisons are shown in the following table: (The sign —before figures means decrease, X means increase.)

	April 29 1911 Bushels	Change from 2 wks. before Bushels	Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
WHEAT	33,019,000	—4,208,000	X 1,283,000	—1,167,000	—3,790,000
CORN	12,759,000	—5,050,000	—6,578,000	X 6,369,000	—4,649,000
OATS	14,538,000	—1,763,000	X 1,232,000	X 2,627,000	—3,025,000
BARLEY	1,723,000	— 244,000	—2,076,000	—2,252,000	— 929,000

The visible supplies of grain in Canada on the same date were as follows:

WHEAT—18,959,000 bushels, which is 3,245,000 bushels less than two weeks before and 3,210,000 bushels more than a year before.

OATS—7,429,000 bushels, which is 238,000 bushels more than two weeks before and 1,168,000 bushels more than a year before.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	April 28 1911	April 21 1911	April 29 1910
American	2,507,364	2,618,607	2,436,356
Other kinds	1,177,000	1,176,000	1,184,000
Total	3,684,364	3,794,607	3,620,356

The total visible decreased 252,554 bales in two weeks.

Price, New York, May 9.—Middling uplands, 15.75c; middling gulf, 16c. The price is 66c a cwt. higher than two weeks before.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on May 9, two weeks before and a year before, as follows:

	WHEAT, No. 2, RED May 9	2 Wks. before	A Yr. before
Chicago	.94¼@95¼	91 @92	$1.05
St. Louis	92½@93	90 @93	
Kan. Cty.	90 @91	90 @91	1.11
Cincinnati	92 @95	90 @94	1.12
New York	94⅞	95 @96	1.17

	CORN, No. 2, WHITE		
Chicago	..53¼@53½	52½@52¾	66
St. Louis	53¾@54	51½@52	70
Kas. Cty.	52 @52½	48¼@48¾	65
Cincinnati	56 @56½	55 @56	64
New York	.. 59	58¾	69

	OATS, No. 2, WHITE		
Chicago	..33⅛@34	33½@34¼	45
St. Louis	31½@33	35	45
Kas. Cty.	32½@33½	34 @35	45
Cincinnati	34 @34½	35½@36	43
New York	39¾	39½	47

Future Grain Prices

Chicago grain futures closed May 9 and two weeks before, as follows:

WHEAT—May, 93½c; July, 86⅞c; September, 86½c; December, 88⅝c. Two weeks before, 91c, 87¼c, and 87⅜c, respectively.

CORN—May, 52⅜c; July, 51⅜c; September, 52⅛c; December, 50⅞c. Two weeks before, 51¾c, 52⅜c, and 53⅞c, respectively.

OATS—May, 31¾c; July, 31⅞c; September, 31½c. Two weeks before, 31⅞c, 31¾c, and 31⅝c, respectively.

Chicago Produce Market

May 8, 1911.

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

POTATOES—Arrivals by cars with comparisons, follow:

	This Week.	Last Week.	Last Year.
Monday	91	61	77

Values were off about 3c per bushel today. Receipts were considerably larger than they have been, which was the main reason for the decline. At the reduced prices the trade was just fair for Monday. There is a liberal supply of stock on hand, and buyers looking for still lower prices.

(Since our last report the price of potatoes reached the highest point for the crops. The high prices induced liberal shipments with part of the advance lost. We look for some recovery and fair prices for the balance of the crop. The important thing for potato growers is to regulate marketing so as to never make a glut.)

Sales reported were: Wisconsins—3 cars at 55c; Michigans, 1 car at 56c; 2 cars at 57c, 3 cars (1 car sacked) at 58c; 3 cars (1 car sacked) at 60c.

Per bu. Michigan, round, white, common .....$ 50@ 53
Fancy to extra fancy .... 58@ 60
Good to choice ..... 55@ 57
Sacked bring a premium.
Wisconsin, good to choice... 53@ 55
Poor less.
Per bu. seed stock, Ohio, as to size ..... 75@1 00
Rose ..... 65@ 75

NEW POTATOES—Nine cars were reported in. The market is ruling steady. Offerings are mainly of white stock from Florida. Some red in barrels from Louisiana arrived in rather poor condition and had to be sold at reduced prices. The trade is good for nice stock, red or white.

Barrels, Florida, white.....$4 75@5 00
No. 2 ..... 3 75@4 00
Louisiana, red, not good condition, wet weather has caused some to rot ..... 4 00@4 50
Hampers, Louisiana, red ..... 1 25@1 50
Florida, red ....@1 65
Boxes, 1 bu. Louisiana, red, depending on size..... 1 00@1 25
Per bu., Triupmhs, Texas, sandy 1 75@....

The price of old potatoes is 2 to 3 cents a bushel lower than two weeks before. New potatoes are about the same as two weeks before.

HAY—Receipts, 857 tons. Offerings of Timothy Hay a little larger and demand good. Market firm. Prairie Hay in fair supply and steady. Demand moderate.

Choice Timothy Hay.....$20 00@21 00
No. 1 Timothy ..... 18 50@19 50
No. 2 Timothy ..... 16 50@17 50
No. 3 Timothy ..... 14 00@16 00
Kansas and Oklahoma Prairie, choice ..... 15 00@15 50

Timothy hay is the same price as two weeks before. Prairie hay is about 50 cents a ton lower.

BROOM CORN—Only occasional lots are now coming in. There is still a fair supply. Poor quality is slow sale and easy. Good quality sells fairly.

Illinois corn, per ton, depending on quality .....$ 90 00@120 00
Oklahoma, per ton, poor to good ..... 50 00@100 00

The price of broom corn is the same as two weeks before.

BEANS—Trade is quiet. White beans were called unchanged. On the open market there are none offered and stocks in the hands of dealers are said to be small. Colored Beans are also quiet. The consumptive demand is now about over.

Pea Beans—
Hand picked, choice .....$2 00@2 05
Good but not strictly hand picked ..... 1 90@1 95
Mediums nominally about the same as Pea Beans.
Red Kidneys, depending on quality ..... 2 90@3 25
Brown Swedish, depending on quality ..... 2 00@2 65

The prices are the same as two weeks before except for Red Kidneys, the price is 15c to 25c a bushel higher.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	20,401	23,788	16,374

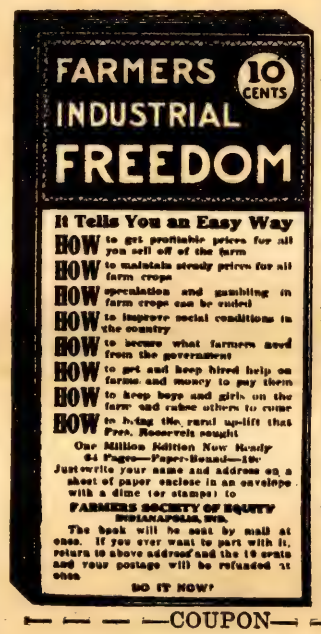
There is a good trade, business being satisfactory all around. The demand is not particularly urgent, but sufficient to take up all of the offerings of desirable stock.

The following quotations were established by the Butter and Egg Board today:

Miscellaneous, cases returned, 13@13½c, depending on quality.
Ordinary Firsts quotable at 15c.
"Prime Firsts" quoted at 16½c.
Checks or Seconds quotably 11½c.
Dirties quotably 13½c per dozen.
Storage packed steady. Firsts sold at 17c and at 17⅛c. Extras, 18c asked and 17½c bid.

SEND FOR THIS GREAT BOOK

If you are a farmer and have any business troubles read this book. We want to place a copy of this volume in every farm home in the land. It is valuable beyond price, but we will send a copy to any person interested in solving the problems on the farm as shown on the title page, for only 10 CENTS.



—COUPON—

Farmers Industrial Freedom

Farmers Society of Equity,
Indianapolis, Ind.

Enclosed is 10 cents for which send me the new 64 page book *FARMERS INDUSTRIAL FREEDOM* which explains fully the Equity System for farmers co-operation in marketing, how it will be established, how it will be operated and the benefit to be derived.

My Name .....

My Address .....

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R. .....County .....State.....

Are you a member of F. S. E.....My Shipping Station is .....On Rail-Road .....

UP-TO-DATE FARMING

Production and Marketing

OUTLOOK FOR CORN PRICES

FOR some weeks grain prices in the United States have been quite depressed. How much of this is chargeable to the Canadian reciprocity bungle we are unable to say, but it is the natural and legitimate result of the free admission of Canadian products into this country, or even the probability of such admission. But corn, though for a time depressed in sympathy with other grains, promises to rally and hold its own pretty well, for Canada is not a corn exporting country. Mr. John M. Dennis, president of a large Chicago corn buying and exporting company, is reported to have recently expressed himself as follows:

"When the fact is considered that Chicago is the only market in the country where corn may be obtained in round lots, the situation may be said to be quite bullish. We have sold corn from Copenhagen on down the line late the past winter and this spring, and we are now being called upon by sections that have not made purchases from this side in a great many months. Argentine will have very little, if any, corn for export; Russia and the Danubian countries are not likely to cut much of a figure in the market, and the farmers of the United States now hold the whip hand.

"Never in my experience in the corn business have I seen farmers hold their business as tightly as they are doing at the present time. They will sell wheat on any good advance, but not so with corn.

COMPARING OURSELVES WITH OTHERS

FARMERS and laborers are better off in this country than the same classes are in some other countries; and if our lawmakers would direct their efforts to the regulation of the trusts and combines that seek to monopolize our food and clothing supplies instead of wrecking vengeance on the class that supports them all, neither manufacturing nor farming in this country would have much cause for complaint. But with a peculiar madness that grows out of constant contact with the monopolistic class, whenever it seems necessary to do something to bring about a change of conditions in any line, our lawmakers "feel called upon" to give the farmers a stab.

Still American farmers and laborers are better off than they are in China. The Shanghai district embraces about 50,000 square miles of territory, and has at least 20,000,000 population. Vice-Consul Dorsey, representing the United States in that district, gives the following as the daily wage rates that prevail there, and also the prices of foodstuffs, in United States currency:

Machinists, 40 to 75 cents per day; blacksmiths, 38 cents; carpenters, 25 cents; electricians, 40 cents; stonemasons, 15 cents; bricklayers, 15 cents; molders, 60 cents; plasterers, 20 cents; stonecutters, 25 cents; farm laborers, 30 cents; common laborers, 20 cents.

A peculiarity is that farm laborers receive higher wages than many of the mechanical trades. The prices of foodstuffs are given as follows:

Fresh pork, 15 cents a pound; salt pork, 10 cents; sausage, 7 cents; ham, 20 cents; foreign flour, 3½ cents; native flour, 2½ cents; sugar, 4 cents; tea, 15 cents; rice, 3 cents.

These articles of food cost practically as much there as they do here, the price of tea and rice, China's peculiar products, being almost as high as the same articles sell for here. The question is, how do the people of that district live? Our laborers, paying little more for foodstuffs, can barely live on ten to twenty times that wage. For such clothing as the Chinese wear they pay about 6 cents a yard for muslins, 7½ cents for calico, and 25 cents for woolens. Their cloth shoes cost about 40 cents a pair. But the Chinese do not wear so much clothing as our people do.

SASSAFRAS AND PERSIMMON SPROUTS

FARMERS who live where sassafras and persimmon grow know what pests these sprouts are, especially in old fields where there should be no sprouts at all. A good way to get rid of them, at least temporarily, is to grub off the bushes below the surface, taking out as many roots as possible; then pasture with sheep. See that the sheep have feed enough to keep them in good condition—grain feed rather than green stuff, and then they will take care of the sassafras and persimon sprouts, and sprouts of any kind, as fast as they appear; and while doing it they will distribute some of the best fertilizer the field ever had.

But all farmers do not keep sheep, and this process not only requires sheep, but it involves fencing sufficient to keep the sheep in the field. In the absence of these, grub the sprouts so as to leave no crown or stool. Do this in July or August. Then go over the field frequently and cut off deep in the ground every shoot that shows itself. Two or three seasons of such treatment will conquer the sprouts in cultivated fields, and perhaps in pastures and meadows, but where these growths are indigenous to soil and climate, they will persist in coming in neglected fields.

VETCH AS A SOIL RESTORER

A WRITER in one of the magazines, discussing the renovation of worn out land by the growth of legumes, speaks of winter, sand or hairy vetch as the most wonderful plant in existence for the restoration of wornout soils. It makes a better growth in worn out soils than any other plant, peas and sweet clover following it as a good second. Vetch, peas and sweet clover are easily grown on worn out land, much more easily than clover or alfalfa, the vetch particularly making a wonderful growth on such land. Vetch also develops bacteria nodules in great quantities, and for this reason it is one of the greatest nitrogen gatherers. An experienced grower of legumes says more nitrogen can be stored in the soil with vetch than with any other plant, unless sweet clover may be excepted. As this is the element most needed in worn out soils, this plant should rank high among soil restorers.

The vetch plant also furnishes great quantities of both root and foliage, and these supply organic matter in abundance. A single crop of vetch plowed under where land would scarcely grow corn at all, has been known to be followed the next season by a crop of seventy-five to ninety bushels of corn per acre. The leguminous crops are the farmers' hope for the renovation of soils, and vetch seems to rank high among them.

It is impossible to know what parts of the farm enterprise are really profitable and which are not unless one keeps accurate and systematic accounts. The HADLEY'S FARM BOOKKEEPING SYSTEM helps farmers to find the financial leaks on their farms and stop them. Mention Up-to-Date Farming when writing to the Charles R. Hadley Company, Dept. U., Los Angeles, Cal., for particulars.

Cool summer underwear that absorbs the sweat at Work and when you are "dressed up" for the Links wear. Write the Chalmers Knitting Co., 102 Washington St., Amsterdam, N. Y., for catalog of all kinds of "Porosknit" underwear. It is the kind for farmers.

The great book "Ashes of Love," and the great story paper Illustrated Companion, three months only 10 cents to introduce. Send today to the F. B. Warner Co., Dept. U-F, 77 Reade St., New York city.



The Man Who Lives On the Farm Needs a Marathon

You wouldn't be satisfied to farm the same way your forefathers did. "It's too slow and too costly to you," you say. "Couldn't make your farm pay enough." The same holds good when you drive a Buckboard. It takes all day to go to the city and back. You can't afford to lose the time, especially during harvesting. You need your team in the fields. When you own a

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A *Marathon* is the best investment you can make, it will help you to get top prices for your crops, because it keeps you in close touch with your market. It will greatly add to the comfort and pleasure of your family, give your children the opportunity of attending good city schools and your wife will enjoy better social advantages.

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IMPROVEMENT IN FARMING

THE press and the world have been busy for some time talking about improvements that have recently been made in farming. We concede those improvements, and we note them with very great pleasure. Farming is the business that makes all other businesses possible, and the more it improves the better will it be able to perform the great work the world expects and requires of it.

But, say some, farmers are getting rich, and need to be held in—that is, they need some imaginary advantages taken away from them, and other forces made to compete with them to hold them to a lower level. That is not true. No one can point to a time when farmers have received inordinate prices for their products. Eaters may have paid high prices for the stuff when it came to their tables, but high prices were not paid for it when it left the farms.

If farmers are more than usually prosperous their prosperity is the result of other conditions, not in excessive high prices. Not long ago there was a period of unusually low prices. The profits derived from farming were below zero, and farmers found it a struggle to make a living—to support their families and keep out of debt. They could not keep out of debt, and the public records were filled with farm mortgages. But even under these conditions it is a notorious fact that the export of farm products from this country maintained the balance of trade in our favor, and made the business centers prosperous. These hard times on the farms with prosperity elsewhere, drew farm labor to the shops and factories and farmers to the cities. While this robbed the farm of needed labor, it increased the number of non-producing consumers, and naturally brought prices of farm products to a somewhat higher level, but no one will claim that it ever went above an equitable level.

Of course, the result was more favorable conditions on the farm. Farmers had a demand for what they produced. They began to pay off their mortgages, to improve their homes, to introduce better methods in their business, and to increase production. Under the conditions the demand continued; land values increased, material improvements were made, and farmers actually become more prosperous. Is any one sorry? Does any one envy them? Are the trade centers any less prosperous? Would the lawmakers change the conditions and drive farmers back into poverty?

Farmers are not getting rich. They are spending their incomes in improvements, and getting better prepared to discharge the duty they owe to the world—to abundantly feed and clothe it at prices still below the rewards accorded other classes of labor. Farmers are always buyers when they are able, and it would be wise in those who have things to sell to let them alone.

PLOWING WET GROUND

FARMERS, like other people, sometimes get in a hurry, and then their judgments are likely to be made to yield to what, for the moment, seems to be their necessities. The plow goes into the field reckless of what the farmer knows is almost sure to be the consequence—a wet breaking of the ground, hard baked clods, and a lack of vitality in the crops that may be planted there. It is always better to wait until the ground is in good tilth.

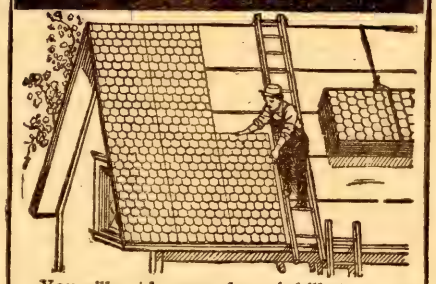
And the same is quite true in cultivation. Ground where crops are growing should not be stirred when it is too wet; it will bake and get hard, much harder than if it had not been stirred, and a large portion of the plant food will be so held as to make it unavailable. Many farmers think after a rain is when the fields should be cultivated, but if it is a dry time the cultivation is more needed before a rain than after it. In dry weather the surface must be kept loose by frequent stirring, not deep, but for fine pulverization, and as near as possible to the growing plants, but with great care not to disturb the roots. This frequent shallow stirring is for the conservation of moisture. It is the crust on the surface that permits moisture to escape and causes the plants to suffer. After a rain the ground should not be stirred until the soil is thoroughly fit, and then the object should be to break up the crust, prevent its forming, and make the surface loose and porous again.

MORE ABOUT SORGHUM

WE are often asked how many acres of sorghum a farmer may profitably grow for molasses. Of course, that depends entirely upon the facilities for grinding the cane and boiling the juice to syrup. An Iowa farmer who has two two-horse mills for grinding and a twenty-foot evaporator for boiling, raises from four to six acres every year, and makes up about that same quantity for his neighbors. He gets seventy cents a gallon for his molasses, and has never been able to supply the demand. He also threshes and sells the seed, and much value may be realized from saving the fodder. The crushed cane or bagasse, as it is called, has been cut up and run into a silo for winter feed.

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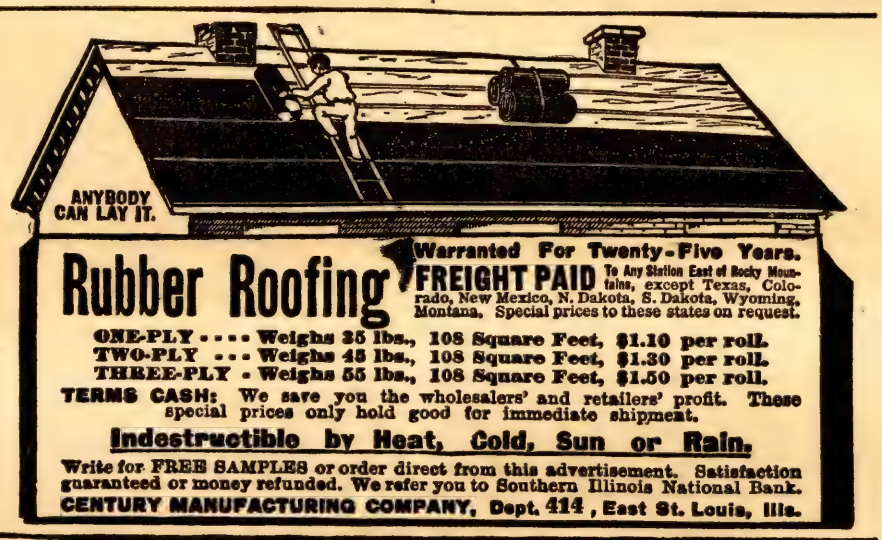
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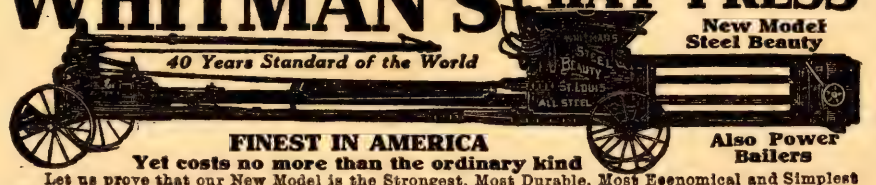
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How It Was Settled

"How is Fred doing in school this winter?" asked Farmer Grey of Mr. Hall, the teacher, whom he had overtaken on his way home from school.

"Fred is doing well—extra well, I may say," replied Mr. Hall. "In fact, I have never had many pupils who have advanced so rapidly."

"I am glad to hear it," said Mr. Grey, heartily. "It means a great deal to his mother and me to see our only son making a success of things that he undertakes. Of course he is young yet—only fifteen—but one can tell a good deal about the stuff a boy is made of, even at that age."

"That is true enough," replied the teacher. "I have been wanting to see you for some little time to ask what line of training you wished him to be given especial work in. It is quite time some definite plans were being made for his future."

"Just what I told Mother last night. By the way, I am coming back by way of your boarding place, so just jump in, and we can talk as we go along."

Mr. Hall climbed into the buggy, and the two men drove away, talking earnestly about the prospects of the bright lad in whose future both were so deeply interested.

"Fred would make a brilliant lawyer," said Mr. Hall, in the course of the conversation. "His mind is remarkably clear, and he is quick to see and profit by any point that comes under his observation. He has a solid sense of honor, that would insure him against the common clap-trap practices, and would eventually make him a power in legal circles, for, in spite of all that is said, it is the right kind of men that tell there, as elsewhere. I should strongly urge that profession, as it so often proves a stepping stone to great things. But it is, of course, not the only one open to a young man of Fred's ability."

Mr. Grey shook his head doubtfully. "I do not know what to think," he said, slowly. "His mother has set her heart upon his being a merchant of some kind. You know her brother is the head of the Allen Mercantile Company, at Tuxedo, and could, and would, give the boy an excellent chance to learn the business from bottom up."

"He would undoubtedly succeed there, too," asquiesced Mr. Hall. "The same qualities that make a fine lawyed would tell equally well in that occupation. In fact, with the proper training, I sincerely believe Fred could make a success of any business requiring brains and energy, providing he had a taste for it."

"I will talk with the boy, and see what his own inclinations are," said Mr. Grey, finally, as he stopped to let the teacher out at his boarding place. "He has a right to decide for himself. I would not force any line of action upon him, against his own preferences. My own judgment might easily be at fault even with my own son."

"I do not think you stated what you would yourself like him to be," said Mr. Hall.

"Me?" Oh, if I could have my own wish, I would rather see him just a plain farmer than anything else. To my mind no profession is nobler, or offers greater opportunities to a young man with 'brains and energy,' as you remarked a while ago. But I realize that I may perhaps be prejudiced in favor of a calling that appeals strongly to myself, yet might prove a sad misfit for my boy.

The teacher watched him thoughtfully as he drove down the road.

"I wonder if it would be a 'misfit,' after all," he mused. "Brains, energy and honor are needed on the farm as much as elsewhere. The leading farmers of the time to come will be the men who can command these qualifications in the greatest degree. The chances for financial success are just as good on the farm as anywhere else, if anything, it offers the lesser risk of failure. Fred has the further advantage of having been brought up by a practical farmer on a well-managed farm. He has had example as well as precept to learn from. On the whole, I believe it would be the best thing for him to stick to his father's calling.

"I believe I will talk with the boy a little myself. I should have done so before, but I had an idea that Mr. and Mrs. Grey, like most parents of exceptionally bright sons, would have some great ambition for their boy that would take him out of their own walk of life. I should like to know what Fred himself will say. He is quite capable of making his own choice."

Fred Grey came to school a little earlier than usual the next morning. Mr. Hall heard the clear, musical whistle coming far down the road. He watched the tall, well-knit young figure swinging toward him, and noted with pleasure the open, honest face, and the dark eyes with the dawn of manhood beginning to make keen glints in them. The teacher felt that his own interest in the lad was, perhaps, excessive, yet could not wonder at it.

"Good morning, sir," said the pleasant young voice, which had a little new note of suppressed excitement in it. "I have great news to tell you this morning. That is why I am so early. I could not wait," he added, with a laugh.

"I guessed as much," said the teacher, almost as excited as the lad. "Come in and tell me all about it."

"Father is going to give me the deed of the south forty tomorrow," cried Fred jubilantly. "Isn't that the best ever? If I make a success of that, when I am twenty-one he promised to give me the forty joining it. I am going to pay my way through the agricultural College with the proceeds of my crops. Father says you are to come home with me tonight to help me make my plans."

"Then you are not to be a lawyer, or a merchant, or any 'big gun' of that sort?" asked Mr. Hall with a little smile.

"I should say not!" replied the boy emphatically. "Father said something about that, too, I believe, but I did not pay much attention. I have never thought of being anything but the best kind of a farmer, just like dad."

"You will be," said Mr. Hall, decidedly. "You are the right sort for that very thing."—K. A. Grimes, in Successful Farming.

The farm without an engine should have one. It works when you are tired: it does work a man or horse can never do. It is cheap. Write to the Detroit Engine Works, 396 Bellevul Ave., Detroit, Mich., for particulars of their Kerosene Engine. They send it on 15 days' trial, so it must suit you.

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$1.60 FOR 100 LBS. AND UP

This is our price for our No. 9 gauge Galvanized Wire Shorts The terms Wire Shorts is to denote mill ends of regular fence wire. In the manufacture of wire the mills have lengths over that do not run continuously to a coil. We buy these under contract and put them up 100 pounds to the coil. As far as quality is concerned the wire is as good as any regular full length coils of wire. It is smooth plain galvanized. The lengths range anywhere from 25 to 150 feet, but we do not guarantee the lengths.

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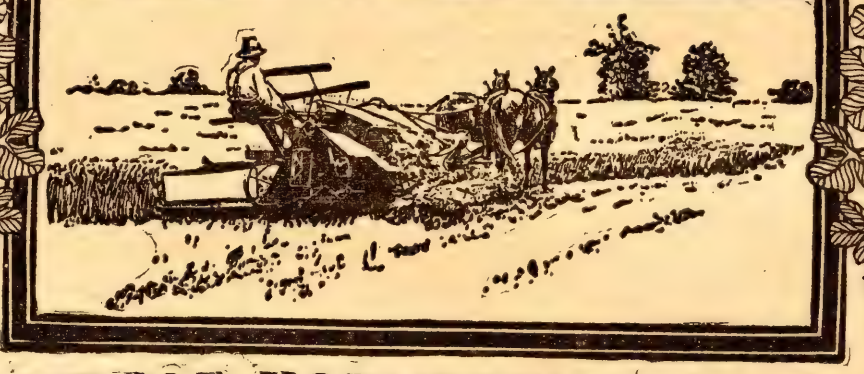
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I H C harvesting machines, the products of American inventive genius and the result of many years of experience, represent mechanical perfection. Millions of farmers throughout the world have found them most dependable—have found that they harvest all the grain quickly and thoroughly, whether it is lodged, tangled, or down, short or tall—whether the land is hilly or level, or whether any other trying conditions are encountered.



I H C Service Bureau

The Bureau is a clearing house of agricultural data. It aims to learn the best ways of doing things on the farm, and then distribute the information. Your individual experience may help others. Send your problems to the I H C Service Bureau.

The superiorty of I H C harvesting machines is due to the all-round perfection of design, materials, and workmanship used in their construction. The substantial main frame, large main wheel, spacious elevator, wide range of reel adjustment, easily accessible bearings, accurate knotter, efficient binding attachment, perfect bundle carrier—and many other features make the most serviceable harvesting machines in the world—the I H C line.

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Certainly the price should not deter you from purchasing a new machine. Did you ever compare the cost of a binder, pound for pound, with that of a stove? An ordinary cast iron stove fit only to hold fire will cost from 10 to 15 cents per pound. Put this beside a grain binder embodying the best thought of three-quarters of a century of inventive progress. Every part is accurately constructed of the best material that nature gives. Every part of the machine is thoroughly tested, and the whole is so put together that every part, even when roughly used works with unerring precision. For this kind of an article made up of many different working parts, a farmer is required to pay only about half the price he would pay for a common place kitchen cook stove.

You should not delay. See your I H C local dealer and get all the harvesting machiue facts from him. Note that he carries a complete line of interchangeable parts—so that if by accident any part of your I H C machine should break, it is convenient for you to get an exact duplicate without delay.

Ask about the haying machines and tools in the I H C line. Also ask him about binder twine. Get one of these seven perfectly dependable brands, Champion, Osborne, McCormick, Deering, Milwaukee, Plano, or International—in Sisal, Standard, Manila, or Pure Manila.

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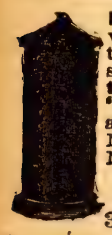
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THE HORSE AND HIS OWNER

THE horse reflects his feelings in his looks almost as certainly as does a human being. Some horses always have a sprightly, peart look, as if ready for any work or a play as the events of the hour may require or permit. Others always have a sad, dejected appearance, never manifest a desire to play, and go about a job in a dragging, folorn way as though it was a matter of painful necessity with nothing of choice in it.

This is not all a matter of difference in the disposition of the horses. Oftener it means a difference in masters. In the treatment of a horse it is not enough to put him in his stall and throw him his feed regularly, and afterwards take him out and harness him as though mechanically handling a stick or some inanimate object. The horse is sensitive if not sensible, and he appreciates the gentle touch, the kind caress—every manifestation of life and cheerfulness on the part of his master. If the master is kind and gentle with the horse, the horse will be so with the master. If the master goes to his work with cheerfulness and a lively spirit, the horse will manifest the same disposition if there is a harsh word, a jerk and a blow every time the horse happens to make a mistake, it is natural for the horse to expect such things to come at any time, and to be restless and in constant expectation of it. If the master is always in the mopes, and allows life to drag away like it was something to be borne rather than to be enjoyed, and allows that feeling to dominate his actions in caring for and dealing with the horse, the horse will partake of the same general bearing. The master should be what he wishes the horse to be, and his treatment of the horse should be what he would like were the position of the two animals reversed.

HOLDING UP THE MILK

MANY people think the cow's udder is a sack, and that at milking time it is full of milk. That is a mistake. The udder is a gland, or a series of glands that secrete the milk and hold it until drawn away through the teats. If the full udder were cut off say about the middle, no open space would be found, that is, it would not be found to be hollow, and the milk would not spill out on the ground as many would suspect. There would be a sickening flow, an oozing out, of milk and blood—bloody milk or milky blood. The milk is really not secreted in or given down until the calf begins to suck or the process of milking is begun. Then the manipulation of the teat excites the flow of milk and the little vesicles that have secreted it contract and push it downward into the teat from which the squeezing of the hand or the squeezing and drawing of the calf expels it in a stream.

Some cows will at times "hold up" their milk. This is not likely the voluntary act of the cow, but is owing to some unusual condition of the system that prevents the gland cells from responding to the manipulation that usually brings the free flow of milk. This unusual condition of the system may be a mental disturbance, if we may use that word in speaking of a cow, or it may be a physical derangement. Any excitement or abuse preceding the milking or dislike or fear of the milker, or the absence of the calf, or being in an unusual place and amid unusual surroundings, may produce that effect. Constant kindly treatment, with no disturbing influences, is the best preventive of this very annoying condition.

EWES AND LAMBS

THOUGH prices are waning under the shadow of the Canadian agreement, farmers who have ewes and lambs have what will bring them money of some sort, and the better the care the more they will get out of them. It is generally understood that sheep will eat anything in the pastures, and that they will live on less than almost any other farm stock. That may be true, but it won't do for the ewes and lambs. Many of the ewes have planned to do double work for their masters and add to his stock two lambs instead of one. That takes lots of milk, and the ewes must have something of which they can make it. Don't turn them off under such circumstances without grain. Corn is the best and most available when they are on spring pasture where they can get the necessary supply of protein. If not, clover hay, good clover, not rotten stuff, is a good feed to supplement the corn.

And if a special place is arranged where the lambs may be fed alone, they will soon learn to eat shelled corn, and then their growth and profits are assured. Farmers, even sheepraisers, must buy their profits if they get them. The only question is to get a little more than the profits cost.

One of the common diseases of horses is heaves. For a long time heaves was supposed to be a disease of the lungs, but it is now known to be due to indigestion. The Newton Remedy Co., of Toledo, Ohio, have a Heave Remedy which they guarantee to cure or refund your money. You should send for a booklet "Horse Troubles." It explains fully about the wind, throat, stomach and blood. The book is sent on request.

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Doctor—Sandy, how do you manage to train your dog so well? I can't teach mine to do a thing."

Sandy—Well, doc, you see, a man must know more'n the dog or he can't learn him anything.

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Makes the Horse Strong and Willing to Work.
CURES HEAVES BY CORRECTING THE CAUSE which is Indigestion. Send for booklet "Horse Troubles." Explains fully about the Wind, Throat, Stomach and Blood. Newton's is safe for colt, adult or mare in foal
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These two points (only two of many) make the United States Separator the logical purchase under present conditions. If you have any other kind of Separator, which should be discarded, our local selling agent nearest you will make you a liberal exchange offer.

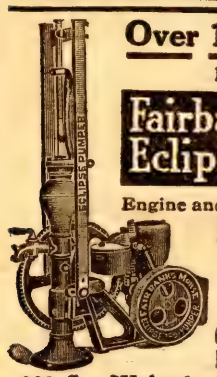
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Know in what Paper seen. Therefore We TO their Advertisement you Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers. READERS.

UNITED STATES LOSING HER DAIRY TRADE

A DISPATCH from Washington gives as a matter of valuable information the fact that Australia, Denmark and Canada are hotly competing with the United States for the dairy trade of England. Just one month ago, says the dispatch of March 6, a single steamship from New Zealand took 3,404,800 pounds of butter to the English market. Thorough government supervision over all exports of dairy products and the employment of the most modern refrigerator equipments insure the arrival of these goods in the very best condition in the English market, and thus makes them popular with consumers.

In the calendar year 1909, Australia thus shipped to England 74,278,400 pounds of butter, but last year those shipments grew to 112,197,900 pounds, an increase of more than 50 per cent.

Denmark, however, is the chief foreign supplier of butter to the British market, though Canada leads in the shipment of cheese to English buyers. But under the reduced tariff of 1909 (the Payne-Aldrich law) much cream and condensed milk has come from Canada into the United States, which has somewhat reduced Canadian cheese making, the sale of cream and milk to the United States, in spite of the tariff, being more profitable to Canada. This ought to show dairymen what the reciprocity agreement means to them.

THE RUNTY PIG

IN LARGE litters of pigs there is apt to be a runt, sometimes more than one, but the runt is seldom discovered until the pigs are three or four days old. The fact is, the runt is not naturally so; it is a starved pig. Each pig is supposed to have its own teat, and generally has, though this is not invariably so, yet the pig without a teat is sure to be crowded away and starved. That is the runt, and it had just as well be taken from the litter and raised by artificial means, or by hand, as it is called. If not, some means must be taken to secure to it its share of the food provided for it by nature.

What will no doubt be the largest insurance company of its kind in the world was recently incorporated under the Indiana laws by a group of Indianapolis business men. The new corporation is the International Live Stock Insurance Company.

Ex-State Treasurer Oscar Hadley, president of the new company, is also president of the Polled Durham Breeders' Association, and is well known as an authority on pure bred stock. Mr. Hadley is also president of the Indiana State Board of Agriculture and is vice-president of the First National Bank of Plainfield, Ind.

Associated with him in the management of the company are such men as the Hon. Mason J. Niblack, J. J. Williams, who has been a successful insurance official for many years; Hon. Frank I. Grubbs, who for the past eight years has been Deputy Secretary of State of Indiana, and was for five years managing editor of the Lafayette Courier, is secretary. Leonard M. Quill is treasurer. Dr. J. B. Heaton will be Veterinary Inspector for the company, and will enjoy the distinction of being one of the few veterinary surgeons of high standing to occupy such a position for a company of this kind.

Some idea of the vast field for business may be had by viewing the last report of the United States Bureau of Statistics. The total value of live stock in the United States on January 1, 1910, was $5,138,486,000. Indiana's share of this great wealth in live stock is $103,112,058.

Mr. Hadley, president of the new company, on being interviewed, said:

"For many years I have been much interested in the business of live stock breeding and stock insurance, which is growing by leaps and bounds. To one not conversant with the facts, the growth of the live stock industry in the United States is marvelous.

"The business of live stock insurance in this country is in its infancy. There are not to exceed half a dozen companies on the stock plan in the United States, and the stock being very closely held.

"Our plan is to place a portion of our stock among the stock breeders and farmers throughout the country. To do this we have capitalized under Indiana laws for $500,000.00. Shares will be sold at $150.00 each, thus creating a capital and surplus sufficient to write business in every state and territory in the United States.

"In examining into the laws governing the incorporation of live stock insurance companies we found that those of Indiana exceeded all others in point of security to policy holders and in the requisite of inspection by the insurance department of the state."

Cause to Be Thankful

"No, sir, I can't pay for that picture. I would not have it. It don't look like my wife at all."

"Well, I think you ought to be thankful for that at least," replied the artist.

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Cream Separator
SAVES ITS COST EVERY YEAR

Occasionally the intending buyer of a cream separator who has a small amount of ready cash to invest is tempted to put his money into one of the so-called "cheap" machines which are being largely advertised.

Why pay your hard earned money for a "cheap" trashy machine when you can buy a reliable DE LAVAL upon such liberal terms that

It will more than earn its cost while you are pa ing for it.

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If you purphase the so-called "cheap" separator you must pay cash in advance and then take the chance of the machine becoming worthless after a year or two of use, to say nothing of the cream it will waste while it does last,—all of which means that you have virtually thrown away the money invested in the cheap separator and wasted your time, labor and product in the bargain.

The DE LAVAL separator pays for itself. It runs easier, skims cleaner and lasts longer than any other cream separator.

Be sure to see the local DE LAVAL agent and try a DE LAVAL before you buy any cream separator.

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HIGH GRADE STANDARD CREAM SEPARATORS
—Has the only revolving supply tank—worth $15.00 alone.
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—Gets the finest quality cream and all of it—no lumps or churning, as Nature's true principle is followed without forcing either the milk or cream the wrong way up or down.
—Skims closest in any climate or season, no matter whether your milk is warm or cold.
—Is as handsome a machine, compact and substantial, as you ever saw or could find. Beautiful finish.
—Let me send you my Big New Separator Book—post paid—Free, so you and your wife and the boys and girls can talk it over and then try one of my separators under my easy plan for you to do it.
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Artificial Incubation Chat

By Mrs. J. B. Howe

THIS is a subject which is interesting a great many people in country, town and city.

Tiny chicks, with their cute, down-covered bodies, bright eyes, and winsome ways, are a sight which appeals to every one, old and young, rich and poor, and almost every one is tempted to take a hand at rearing a few of them.

Since artificial incubation has become so popular, so comparatively easy, and so inexpensive, it is no wonder that this is the case.

A very important point, of course, is to select a machine that will do the work well. The market is well stocked with them, and it is safe to say that almost any of them will do well, if backed and abetted by brains, judgment and good care. A few general rules, if followed with attention, can not fail to bring a large measure of success, even to the amateur. Much, however, will subsequently be learned by that faithful teacher, "experience."

It is not fair to utterly condemn any machine with one single trial, unless its faults are glaring.

To begin with then, no success can be attained, either by artificial or natural incubation, from eggs that were laid by weak, immature or sickly parent stock; and just here is the rock which wrecks many fair hopes.

Two many poultry raising people are careless along the line of saving the early birds for their breeding stock. Prices for early spring fries are so very alluring that they are tempted to part with the very ones that should be marked and set aside for next season's breeders. When prices abate they begin to consider this matter, and select late specimens for this purpose.

This should never be done, for the breeding pen is an index of the following year's success, and should contain nothing but strong, well developed and matured fowls; both the male and the female.

The second step toward success is fresh eggs, gathered every day—in cold weather several times a day—and kept in a slightly ventilated cellar is a first class place to keep the eggs intended for hatching.

The shorter time elapsing between the gathering period and the incubating, the greater the chances of success.

The incubator should be set perfectly level to insure perfect heating, ventilation, etc. The cellar, spoken of above, makes a capital place, though a room well ventilated without draughts will answer nicely.

The sun's rays should not be allowed to fall upon the machine, as it causes too great variation of temperature, and it should be in a room where there is no fire at any time, or in a room where there is fire all the time.

Fresh air and some moisture is necessary to secure perfect incubation. These are nearly always fully provided for in some manner by the maker of the machine, and instruction books accompanying the machines usually direct the beginner in the use of same. In dry hot air machines there is usually provided trays to be kept filled with damp sand. As these trays dry out, more water must be added. This water should be hot, to prevent chilling the eggs.

As the hatching time approaches it is important that these trays are well dampened, so that the work need not be done at the critical time of hatching. If the machine becomes very dry at hatching time, the inperfilm or skin, enveloping the chick becomes so dry and tough that the chick can not break through it, and consequently, perishes.

One member of the family should make his business to attend to the incubator, and give it attention at least twice a day, much oftener is better. The lamp should be filled and carefully cleaned in the morning, at about the same time the eggs turned and the thermometer regulated.

The egg turning should be done first to avoid touching the eggs with coal oil from the lamp.

The egg tray should be turned at each turning of the eggs, and if a double machine, the trays should also be changed. This turning and changing insures equal heat to all the eggs. The tenth day the eggs should be tested, and all infertile eggs removed. After that the turning will be more easily performed; roll them about and give the unhatched embryo exercise.

If the machine accidentally runs up to 110 degrees take the tray out and air a while, gently moving the eggs about. It will not harm them if not allowed to remain too long.

A little too high is better than a little too low. Eggs may be considered chilled if allowed to go to 50 degrees or below it. They will still hatch though, if not kept cold too long, but it has a weakening effect upon the chick. It is better never to allow them to fall below 70 degrees under any circumstances whatever.

When the chicks are nearly ready to hatch the animal heat causes the inside temperature of the machine to rise. The lamp must be lowered and the heating apparatus regulated accordingly.

Some have the chicks in the incubator without food from 24 to 48 hours after they are hatched. Others say do not open the machine until after the eggs are all hatched.

We say it depends upon how evenly the chicks hatch. Some attention must be given at hatching time, removing the empty shells, etc., else some chicks may become telescoped in one and perish. We usually remove the first lively chicks the day after they begin hatching, keeping them in snug, warm quarters until the entire hatch is over. To sudden a change from incubator to cold brooders, we believe, induces bowel disorders. Good sense and judgment is as necessary here as elsewhere.

USE ABSORBINE for a sure and speedy cure of windpuff or strained joint. This remedy has been used extensively. L. H. Brown of Snedekerville, Pa., reported: "I have used ABSORBINE and it has proven very satisfactory, having removed a capped hock, also many puffs." This preparation is sent direct, express prepaid, upon receipt of $2.00. Send for pamphlet giving detailed information. W. F. Young, P. D. F., 102 Temple Street, Springfield, Mass.

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12	55	32c per rod	49c per rod

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Transform your home surroundings into a beautiful garden with the loveliest flowers ever created. These are all roses of rare merit. Each plant is different, but all possessing every attribute to make a perfect rose including entire hardiness. They are vigorous, healthy, one-year plants, quickly forming shapely bushes, giving a fine display of bloom. Each collection is accompanied with special printed instructions how to plant and care for roses.

BLACK ROSE

This marks the highest attainment of the hybridizers' skill and for grace, form and magnificent color, it is supreme in its beauty. The large beautiful flowers look as if cut from the heaviest rich velvet, shading from deepest maroon red to blackest crimson. They are produced in successive crops the entire growing season.

WHITE—KILLARNEY

The wonderful new "Irish Beauty" is carrying off every prize when exhibited and setting everyone to raving over its surpassing beauty and elegance. In habit of growth it is robust and free branching, having an abundance of rich green foliage. The buds are exquisitely long and pointed, unfolding broad wax-like petals into enormous semi-full flowers of pure snow white, which retain their freshness of form and purity of color for an extensive time.

YELLOW—MD. PHILIP REVOIRE

One of the most delightful roses, a color to catch the eye at once, deep apricot yellow, touched carmine. A strong, rampant grower. The fine habit, good constitution and continuous blooming qualities stamp this as a rose of great value, being planted in great numbers by those knowing its merits. One of the showiest roses extant, the open flowers large and semi-double, possessing a delicate apricot fragrance.

RED—RHEA REID

A wonderful new introduction possessing every quality a perfect rose should have. It is a strong healthy grower. Handsome double flowers, which are produced in the greatest profusion all through the growing season and which retain their freshness and beauty for an extensive time. The color is a brilliant, rich red, one of the richest reds in existence, and the fragrance is delicious.

DOROTHY PERKINS (Climbing)

This rose is a most valuable acquisition to the list of hardy climbing varieties. It is perfectly hardy and a rapid, vigorous grower. The rich, deep-green foliage is extraordinarily beautiful. It is extremely free in bloom, producing flowers in immense clusters, each rose being perfect in form and size. The color is an exquisite shade of clear shell pink, deepening to a darker shade near the center.

MY OFFER Send 30 cents and I will send Up-to-Date Farming one year and all five of the rose bushes. In clubs of 4 or more 25 cents each with the collection of roses to each.

J. A. EVERITT, Editor, Up-to-Date Farming, Indianapolis, Ind.

WHICH AUTO TO BUY

There are many first class automobiles made. In fact they are all good. Some, no doubt, give more for the money. And this is the car to buy—where you get full money value in service.

A farmers car should be at least five passenger—at least when only one is owned. The average family will need a car of that size, to say nothing of friends. Also a car of this capacity affords room for hauling some freight like milk, cream, eggs, butter and for many trips to town.

See that you get a good medium weight machine. Very heavy cars are hard on tires and on the machinery. A car too light will rattle to pieces. Get a good medium weight machine.

The same applies to price. Some may charge $1,000 more for an automobile no better than another. In one case you may pay for name. A good rule to follow is to pay a medium price. Around about $1,500 for a car is a good even price. It will buy a good car.

Do not forget to look for graceful lines and convenience in buying. "Style" will add to the attractiveness of your machine and you should have it even if it doesn't take you over the road any faster.

DON'T BUY CHEAP AUTOS

An up-to-date farmer wouldn't think of buying a cheap machine, a cheap horse, a cheap piano for anything but that which it is—something cheap. Quality costs and is worth it.

Apply the same to automobiles. A cheap, second-hand car is worth no more than it costs—that is certain. Usually the seller knows more about it than he would like and it is dear at any price. A good standard, medium priced car is worth the money and the farm owner will get full value out of it.

MOVE CLOSER TO TOWN

There are at least two ways to move nearer to town. One would be to take a farm nearer to town and move onto it bag and baggage.

But we refer to another way of accomplishing this desirable result and other good results at the same time. Invest in an automobile.

Without fast driving an auto will put you two-thirds nearer town in point of time to make the trip on nine-tenths of the errands. Consider what this is worth to you and your farm and your family.

It isn't extravagant to own an automobile. Because a motor car will save time. Time saved is money saved This is just as important for the farmer as for the city business man.

Just as the telephone in this day and age is practically a necessity and saves many trips to town, so the automobile is useful to save time when it is necessary to go.

If an automobile will take you "there and back," no matter if it is five miles to town or twenty miles to the city, in half the time it has required before it doubles your time. It gives you, as it were, two minutes where you had but one before.

There are about three-quarters of a million automobiles in use in the United States. Indiana ranks tenth in the number of licensed machines.

Do You Know

When is a man a thief?
When he hooks his wife's dress.
How can a man make his money go the farthest?
By giving it to the missionary society.
Why does a pig eat as he does?
To make a hog of himself.
Why was the first day of Adam's life the longest?
Because he had no Eve.
What may a man have in his pocket when he has nothing?
A hole.
What kind of a bat flies without wings?
A brickbat.
Why should the Spaniards have Admiral Dewey's picture on their postage stamps?
It would give them a chance to lick him.
Why should Ireland be the richest country in the world?
Because for many years its capital has been Dublin (doublin').

Get Twice as Much for Your Tire Money

Here are tires that can't rim-cut. Here are oversize tires which cost nothing extra. The 500,000 which we have sold have saved motor car owners many millions of dollars. They'll cut your tire cost half.

Goodyear No-Rim-Cut tires make rim-cutting impossible.

We have run them flat in a hundred tests, as far as 20 miles. We have sold enough to fully equip 125,000 cars. They have been six years in use. In all this experience there has never been a single instance of rim-cutting.

The ordinary tire, when punctured, may be ruined in a moment by running flat on the rims. And the damage is beyond repair.

Goodyear No-Rim-Cut tires avoid all this worry, all this expense. They have done it for tens of thousands.

Our No-Rim-Cut feature is controlled by our patents. Others cannot make it. That is the only reason why the old-style tire—the clincher tire—is now recommended by anybody.

Tires 10% Oversize

The removable flanges on your rims will be set to curve outward — instead of inward—when you use Goodyear No-Rim-Cut tires. You simply move them to the opposite sides. There is nothing else to do. The extra flare lets us fit the rim and still make the tires 10 per cent oversize. And we do it without extra cost.

That means 10 per cent more air to carry the load. It adds 10 per cent to the carrying capacity. With the average car this adds 25 per cent to the tire mileage. Yet it costs you nothing extra.

We say 10 per cent, but late comparisons with standard clincher tires show the average actual oversize to be 19.9 per cent, measured by air capacity. And it is the air that carries the load.

This is a vital fact.

Nine times in ten, tires are overloaded by the extras one adds to a car. And all cars at some time are overloaded with passengers.

That is what causes blow-outs.

It would pay you to pay for this extra size. It certainly pays to accept it when oversize tires cost the same as ordinary tires.

These two features together—No-Rim-Cut and oversize—will cut the average tire bill in two.

GOODYEAR
No-Rim-Cut Tires

12 Years Spent in Testing Tires

The demand for Goodyear No-Rim-Cut tires seems like a sudden sensation. Last year our tire sales trebled—jumped to $8,500,000. Yet, until a few months ago, these patented tires cost one-fifth more than other standard tires. This year 64 leading motor car makers have contracted for Goodyear No-Rim-Cut tires to equip their latest models.

But back of this all lie twelve years spent in tire making. During that time we have tested out 200 separate fabrics. We have made comparisons of forty formulas for use in Goodyear treads.

We have had experts and inventors constantly studying how to improve these tires. And our tires of today—which have become the sensation—are the final result of all these years of effort.

Tire Book Free

If you buy tires it is wise to know what a difference there is between one tire and another.

If one tire will carry you twice as far as another, you ought to know that tire. This question of tires is important.

Our Tire Book pictures all the facts in the clearest sort of way. There are scores of facts good for you to know.

We will mail it to you if you send us your address. Simply a postal will do.

THE GOODYEAR TIRE & RUBBER COMPANY, Thirty-Fifth St., Akron, Ohio

Branches and Agencies in 103 Principal Cities *We Make All Sorts of Rubber Tires*

(302)

What special reason is there why the nose should be in the middle of the face?
Because it is the center (scenter).
What is the difference between one yard and two yards.
A fence.
What is the last thing in dresses?
Night dresses.
Where are two heads better than one?
In a molasses barrel.
What is the difference between a tree and a leopard's tail?
One is rooted to the spot and the other is spotted to the root.
What is the hardest key to turn?
A don-key.

Book Gives Valuable Information

My book tells how to remove blemishes on horses, stop lameness, and cure horse ailments. Starts right in from the very first page, goes into detail, gives minute instructions, shows the method, prescribes for treatment, gives results. W. F. Young, P. D. F., 102 Temple St., Springfield, Mass.

Learned About Sausages

The city boy, who was in the country visiting his uncle, burst into the house almost overcome with excitement, and stammeringly exclaimed:

"I never knowed them things grew on stems like that. I've et a lot of 'em, but I never saw 'em growing before. Do they all grow that way?"

"What is it you mean?" asked the uncle.

"Them sausages down there in the pond," he replied.

He had seen a bunch of cattails growing in the edge of a pond.

To get the most money from potatoes they must be handled right. And to "handle right" means they ought not be handled at all but be tended by machinery. Machines that will make you more money are made by the Champion Potato Machinery Co., 117 Chicago Ave., Hammond, Ind. Send for catalog.

Don't Wear a Truss

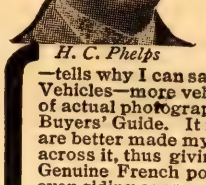
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STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

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H. C. Phelps

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Though these books cost me 21 cents each, yet I'll gladly send you one free because I want you to know about Split Hickory Vehicles—made-to-order—sold direct from factory to you at home on 30 Days' Free Road Test—guaranteed 2 years.

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—tells why I can save it to you and just where the saving comes in—also tells how I save at the same ratio on over 100 styles of Split Hickory Vehicles—more vehicles than you could see in 10 big store rooms. Better send for this book, sit down of an evening and look it over. It's full of actual photographs of Vehicles and Harness of every description. It's my latest and best book—for 1911—and it's truly a Buggy Buyers' Guide. It not only gives descriptions and prices in detail, but also tells how good vehicles are made—why they are better made my way—all running parts made of second growth Shellbark Hickory, split with the grain, not sawed across it, thus giving extra strength and long wearing qualities. It tells about one of my latest features—Sheldon Genuine French point automobile springs, making the easiest riding buggy on the market—even riding over rough roads is a pleasure with a "Split Hickory."

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Will you let me mail you the book? Will you write for it today? Address me personally

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Home is Not the Place to Scold In

Home is not the place for scolding;
Father why so strict and stern?
Love was not the tone you spoke in
Boys will fast to others turn.
I, a girl when you were young,
Knew you full of romp and fun,
And when parents bade you come,
I am sure you did not run.

Let us keep the children happy;
Angered hearts no goodness learn.
Pray the light of loving kindness
In our souls might daily burn.
Home is not the place for scolding;
Love alone the gospel here,
Cares will come when they have left them;
Be our home the place most dear.
—A. Van Ogle.

THE FARMER IN THE HOME

THE wife is usually regarded the home maker, and the husband the manager of the farm. This is no doubt a proper classification, but to make a home the wife needs help. The husband may find plenty to do out of doors, but in spite of that he should ever be ready to lend a helping hand in the house, and he should do it not with a snarl and a grimace that says more plainly than words can do it: "This is not my business but yours, and I wish you wouldn't bother me," but he should do it with a cheerfulness that shows a mutuality of interest and a true spirit of helpfulness.

Some men, however, are meddlesome in the home, and captious, dissatisfied with whatever is done, and are entirely too free in expressing that dissatisfaction. A sneering critic is just about the worst thing that can be in the home.

There is a mutuality in the home partnership that should make each helpful of the other, and that should enable each to fully appreciate the work of the other, and the spirit of love will not hesitate to give free and frequent expression of that appreciation.

THE FLY PEST

THE season is now on when the fly pest can not be ignored in the home. Where do all the flies come from, is a question asked as frequently as any other, and it is well that farmers and their families have at least a general answer to it. Flies (we mean the common housefly) breed chiefly in fresh horse manure, and show a decided preference for that which is wet and sloppy, especially when it is in a condition of ferment. But the fly also breeds in barnyard refuse of all kinds, in dirty hog beds and hog manure and decaying animal and vegetable substances (more especially the latter), in any kind of garbage, the accumulated filth in spittoons, in human excrement, and in any other filth where there is moisture accompanied by sufficient heat. And the number is almost fabulous. A single refuse heap or pile of filth or decaying matter may supply a whole neighborhood with flies. It is not uncommon to find a manure heap literally alive with wriggling maggots, in a very brief time to become winged flies, to make their way to the house, especially to the kitchen and dining room.

These adult flies, aside from eating crawling over and getting into all articles of food they can reach; feed as greedily on all kinds of filth and offensive offal; they attack sores on all kinds of animals, swarm around the sputum and excreta of persons afflicted with the most loathsome and dangerous diseases, and immediately after may be found on articles of food. They are thus truly carriers of disease and messengers of death—often diseases more loathsome than death.

What is to be done? Keep the premises clean. Do not allow any filth any where. Frequently treat the closet vaults with lime, and also the barns and stalls where the stock is kept. Screen all doors and windows of dwellings, closing every crevice that a fly could enter, and then keep the screens closed. In spite of these precautions there will be flies, and some of them will get into the house, especially the kitchen. Cover all milk vessels, sugar bowls, molasses and fruit jars, and everything else that contains any article of food, and make the covers fly proof. For articles in dishes or that should not be covered close there should be fine netting covers. Every possible preventive measure, and every precaution against these pests, is fully justified, is, in fact, not only important but necessary.

Two Good Home Hints

To remove bloodstains place a lump of starch on the spot and moisten just enough to dissolve it. Put the garment in the sun for a few minutes, and the stain will disappear.

To make canned corn taste like green corn, fry in a suitable vessel several slices of bacon. Into the hot grease put the canned corn, season well with salt and pepper, and fry as you would fresh corn, without water or milk.

No Benefit, No Pay

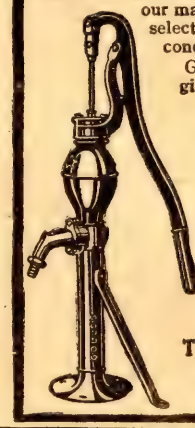
You ought to try a 25-day trial treatment of Bodi-Tone on its no benefit, no pay plan. This plan is fully explained in the large Bodi-Tone advertisevent on the second page in this issue. If you have not yet tried Bodi-Tone, you can get a dollar box on trial, without a penny in advance, simply by writing for it. Read the offer.

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Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.



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For Every Service

They bring to the farm the one real advantage of the city—water in the house. From our many styles you can always select one to fit your special conditions.



Goulds Pumps are made to give years of hard service.

Our Free Booklet
"Water Supply for the Home"
contains many interesting points on installing, besides telling the difference in lift and force pumps, single and double-acting pumps, hydraulic rams, etc. Let us send you a copy.

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Ida Ho	You'r a Grand Old Flag	Meet Me Tonight in Dreamland
Lonesome	Why Don't You Try	I've got Rings on My Fingers
Pony Boy	Are You Coming Out Tonight	My Wife's Gone to the Country
Navajo	Down in Jungle Town	That's How I Love You, Mame
Tippicanoe	Don't Take Me Home	In the Shade of the Old Apple Tree
Any Rags	Put on Your Old Gray Bonnet	When You Know You're Not Forgotten by the Girl You Can't Forget
Bedella	Carrie Marry Harry	'Neath the Old Cherry Tree, Sweet Marie
Hiawatha	Give My Regards to Broadway	The Mesmerizing Mendelsohn Tune
Honey Boy	A Little Boy, Called Taps	Call Me Up Some Rainy Afternoon
Red Wing	Down in the Brandywine	Put Your Foot on the Soft Pedal
Dreaming	Yankee Doodle Boy	Any Little Girl that's a Nice Little Girl
Ogalalla	Bye, Bye Dearie	By the Light of the Silvery Moon
I Love It	Under the Yum Yum Tree	Next to Your Mother Who Do You Love?
Dublin Rag	Some of These Days	Every Girl I Get the Other Fellow Steals
Stop, Stop, Stop	Every Little Movement	Let Me Call You Sweetheart
Grizzly Bear	Anybody Here Seen Kelly	I'd Rather Say Hello than Say Goodbye
It's You Pal	Mandy How Do You Do	

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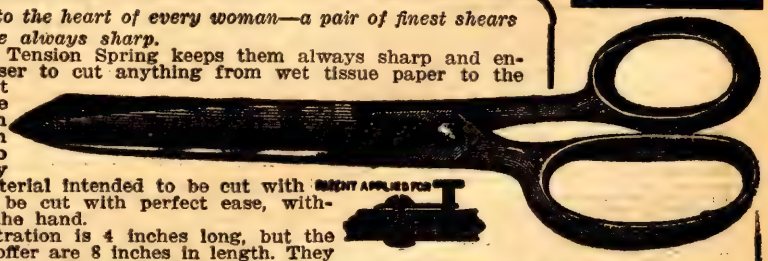


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"Then suppose you read just one page a day."

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AGAIN we are able to give our readers a fine list of Cadet letters, and we begin the letters in this issue with one from the distant territory of New Mexico, that should have been a state long ago, and would have been but for party jealousies and prejudices:

DEAR CADETS: I am 22 years old. I don't know just how tall or heavy I am. I was married last week, and you know I feel as big as Pike's Peak. My husband is a young farmer, and I am farmer too (two). Just think of living away out here in New Mexico! But it is not so bad after all. We have fine schools and churches; and can go out most any day and kill deer and wild turkey. In summer we gather plenty of wild raspberries and strawberries. And we can visit the saw mills. This magnificent valley is 25 miles wide and 100 miles long; it is fringed with heavy pine timber, and is as fertile as the valley of the Nile. On these fields grow immense crops of corn; millet, beans, potatoes, sugar beets, etc. Farmers here make money, live in fine houses, ride in automobiles, send their children to school, read Up-to-Date Farming, and live like God intended for man to live. Lots of good free homes yet. Come out and be with us. We are the biggest hearted people on earth.—Elizabeth Rogers, Willard, New Mexico.

DEAR CADETS: I was born on Christmas day, just 19 years ago, in a small town near here. My mother died when I was about two years old, and my father was killed by a train when I was six, so I have been an orphan since early childhood. I was then put into the children's home at Parsippany, N. J., where I remained for a period of two years. My aunt and uncle then took me to live with them, and I have been with them ever since. Our home was then in Hibernia, N. J., a small mining town, not far from where we now live. Three years ago the mines became so dangerous that the men were afraid to work in them, so many were killed in them, and almost every one moved away. It has been supposed that the pillars of the mines had been taken out, and as there was nothing to support the roofs, the mines began caving in; and oh, what jars we all used to get! The dwellings and all that was in them used to shake dreadfully, and in some places the roads cracked across the middle, so we decided to move. My uncle was an engineer, but the danger was almost as great on the surface as in the mines. We moved here 3 years ago, and I like the place very much. It is a summer resort, and a very religious place, that being what the grounds were bought for 40 years ago. It was named for Mt. Tabor in the Holy Land. I have been teaching in both the summer and winter Sunday schools ever since I have lived here, and I enjoy the work exceedingly well. I have been through the grammar school, have had two years in the high school, and am now attending business college, which I like immensely.

Mr. Everitt is doing a splendid work among the farmers of the country, and Up-to-Date Farming is a splendid guide to them all, and they ought to all help him by recommending his paper to others who might be interested. Although I am not a farmer's daughter, and do not live on a farm, I like to know how things that we eat are produced. I take Up-to-Date Farming, and like it exceptionally well, and I have recommended it to others who have also subscribed.—Anna Josephine Barton, Mt. Tabor, N. J.

DEAR CADETS: Can you make room for a California girl who has been reading the Cadet letters for a long time? We think Up-to-Date Farming is a fine paper. I am 16 years old, and live in the country on a 227-acre farm. I think California is a very nice state. It does not snow in this part of the state, and never gets very cold. I always read the Cadet letters first, and I think them very interesting. I would like to exchange cards with some of the Cadets.—Rose Mauler, Tulare, Cal.

DEAR CADETS: As I am a subscriber for Up-to-Date Farming, I wish to join the Cadets of Equity. Red Mountain is a mining camp and just a little town. I would like to live on a farm. I love horses, cattle and other domestic animals. I like to read the Cadet letters, and I think Up-to-Date Farming is the best paper I ever read. I will be 18 years old May 25, and I wish the Cadets would exchange letters and post cards with me. I will answer all that I receive.—Ellen B. Davey, Red Mountain, Colo.

DEAR CADETS: I am a reader of Up-to-Date, and I like it very much; I think it is the best farm paper printed. I live in West Virginia, on a 200-acre farm, and I like my state very much. I am 21 years old, and I would like to receive cards and letters from all of the Cadets in the world, and I will answer all I get.—William D. Howell, Beverly, W. Va.

DEAR CADETS: Can you make room for an Illinois miss? I am 18 years old, and live in a beautiful country, on a farm of 100 acres. This is a fine farming country. Land sells at from $150 to $225 per acre, and there is lots of stock raised. We can raise most all kinds of fruit. I go to church most every Sunday, and we also have league for young people. I would like very much to correspond with some of the Cadets, and will answer any letter or card I may get. Please describe yourselves when you write.—Ina Jackson, Strasburg, Ill.

DEAR CADETS: The one who chose Up-to-Date for the name of this paper made no mistake, for the paper fits the name. I live in the county seat of Warrick county, Ind., the largest town in the county. It has about 6,000 population; and we have a nice court house, a canning factory, a foundry, seven churches, an electric light and power plant, three large brick school houses, two flouring mills, three tobacco factories, a pop factory, a reservoir, two nice lakes, one being out of the city some distance and the other in the suburbs, a fair ground, an opera house, and a traction line stops here. We are on the Southern railway. We live in the suburbs of Boonville, on a hill from which we can see much of the city. I have 12 pigeons, a camera and a goat wagon, but no goat, so I play the goat most of the time. I know something about elecricity, photography, drawing, and the mechanical trades. Some people call me a "Jack-of-all-trades." I don't like to go to school, but I am in the 8th grade, and will be 16 my next birthday, August 16. I like to read. We have a public library that I patronize pretty well. The funniest book I ever read is "Tom Sawyer."—J. Kelsey Mueller, Boonville, Ind.

DEAR CADETS: I live in the western part of California, on a farm of 100 acres. We raise all kinds of fruits and vegetables, but our principal crops are apples and strawberries. The apple trees and cherries are now (April 7) beginning to shed their blossoms, and the ground is covered with petals; it looks like a snow drift. We never have snow in this valley, but we see it on the mountain once in a great while, and then it looks like the foam on an ocean wave. We have taken Up-to-Date about two years, and we like it fine. I would like to correspond or exchange cards with any of the Cadets.—Charles Nitta, Watsonville, Cal.

DEAR CADETS: Is there room for another Kentucky girl? I enjoy reading the Cadet letters, and I think Up-to-Date Farming a fine paper. I am 20 years old, and would be glad to receive either letters or cards from girls and boys of my own age. Will answer all.—Maye Doris, Dalton, Ky.

DEAR CADETS: I have been taking Up-to-Date for a year and we all like it. I like the Cadet page the best. We live on a farm of 200 acres. I will be 17 December 1, and I help in the fields. I have two sisters younger than I am, but I have no brother. We have 11 milch cows, 6 horses and a pony.—Minnie Beccard, Talmage, Neb.

DEAR CADETS: I am a country girl and will be 15 years old August 20. I live 2½ miles from Salem in a pleasant country home. I have been a reader of Up-to-Date for some time, and I like to read the Cadet letters, especially those about Nellie Tipton; I feel very sorry for her. I have made up several clubs for Mr. Everitt, and got some of the finest cards I ever saw. I would like to exchange cards with the Cadets and will answer all.—Nellie Beck, Salem, Ind.

DEAR CADETS: I will write a few lines to dear old Up-to-Date. My father has been taking it for many years, and we all think it is a grand paper. All farmers should take it, as it helps them get better prices for their crops. I live in Kanawha county, West Virginia, near Poca river, where my sister and I sometimes fish and boatride. We live near the oil field in Roane county, said to be the greatest oil field in the state. I live on a farm of 105 acres, where we can raise almost any kind of grain, wheat, corn and potatoes being our principal crops. We also raise hay. I like farm life, and help papa with the crops and garden. I love outdoor life. The trees are beginning to leaf out (April 19), and the orchards are blooming. What a delightful time we will have when summer has come! I think the farm is the best place for boys and girls; and the best paper one can have on the farm is Up-to-Date Farming. I will be 20 years old May 14, and would like to have a post card shower, and will answer all I can.—Rosa Good, Island Branch, W. Va.

DEAR CADETS: I am a Mississippi girl, and I have 5 sisters and 3 brothers, and we all enjoy reading the Cadet letters.



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BOYS! Sit right down this minute and send me your name and address, that's all, and I will send you, all charges prepaid, 24 Packages of OUR FAMOUS NOVELTIES which you can dispose of in a very short time on my New Easy Plan at 10 cts. each. Send the $2.40 to me and I will send you either a BASEBALL SUIT—OR A PLAYERS' OUTFIT—just as described. This is a great offer—so send your name to-day. Address G. M. BETTS, Sec'y. 627 West 43d Street, Dept. 1521, New York City.

I live on a 160-acre farm, and I like farm life very much. We have about 200 chickens, 12 head of cattle, 20 hogs and 2 horses. I am 10 years old, and my daily occupation is helping mamma about the house. I attend to the baby, help milk, and wash dishes. I will answer any of the Cadet's cards.—Nannie Cook, Speed, Miss.

DEAR CADETS: I am an orphan girl 15 years old. I have two sisters aged 17 and 18. I also have a younger sister and brother dead. My father and mother died of consumption when I was 5 years old. One of my sisters and I live on a farm of 130 acres with out uncle. Our principal crops are corn and clover and timothy hay. We raise cattle and hogs, but our best profits are in mules. We live 35 miles west of the Mississippi river. I am sending a club of subscribers so as to become a Cadet and a Pioneer. May God bless and prosper Mr. Everitt and his paper.—Chlve Diffendoffer, Knox City, Mo.

DEAR CADETS: I am a girl with brown hair and eyes, and weigh 109 pounds. I live on a ranch of 160 acres in the Blue mountains in the eastern part of Oregon. They raise cattle here mostly. It is pretty here in the spring. The summers are dry and the crops have to be irrigated. There is a lot of pine and fir timber here. My sixteenth birthday is April 1. I would like for all the Cadets to send me a card.—Bessie Enselman, Canyon City, Ore.

DEAR CADETS: I live with my mother on a beautiful farm of 200 acres in Davis county, Iowa. I have two sisters and one brother. I was 23 years old the 22nd of March. We have 8 head of cattle, 1 horse, 4 calves and a flock of chickens. I have lived in the country all my life, and I like it much better than in town. I would like to get letters and post cards from the Cadets near my age.—Clara Merrill, Bloomfield, Iowa.

DEAR CADETS: I am a Missouri girl 16 years of age. My mother has been taking Up-to-Date Farming for a year, and she is going to renew. I enjoy the Cadet letters fine. My mother and I love the paper. We live on a 40-acre farm, 3 miles from town. We have one horse, two cows, 14 hogs and 100 chickens, and we raise corn, wheat, and rye, and plenty of vegetables and potatoes. We have a young orchard of 400 trees. I would like to exchange cards with the Cadets.—Minnie E. Lemons, Raymondsville, Mo.

DEAR CADETS: I am 18 years old and weigh 130 pounds, and I live on a farm of 320 acres in central Illinois. I have always lived in the country and like it very much. Our crops are corn, oats and wheat. We now have 122 head of cattle and 100 head of hogs. I will answer all cards and letters from the Cadets and hope to hear from many of them.—Fred House, Bradford, Ill.

DEAR CADETS: I am a Pennsylvania boy, and live on a farm of 165 acres. I like farm life, and take several farm papers, but there is none ahead of Up-to-Date Farming. I enjoy reading the Cadet pages and also the other good reading. I am 19 years old. It is so wet here this spring that we can hardly get our crops planted (April 19). We have 135 head of sheep, 4 horses, 8 cattle, 10 hogs and 125 chickens. I would like to hear from Rosa Stein, of Michigan, and would like to exchange cards or letters with some Cadets in every state.—Bert T. Gatten, West Alexander, Pa.

DEAR CADETS: I have just read the letters in the April 15 issue, and I want to get acquainted with some of the Cadets. I have written a letter to Nellie Tipton and also sent for her picture. I live on a farm, but I have learned dressmaking, which I like very much. I am 23 years old, and would like to exchange cards and letters with the Cadets; will answer all I receive.—Jennie R. Sandt, Easton, Pa.

DEAR CADETS: I am a farmer's daughter, and belong to the dear old state of Florida, where we have a farm of 420 acres. I have always lived on a farm, and like farm life much better than city life. I like to sew and cook, but I like much better to wait on my poor old mother, who is sick. My father has been dead four years. I have 3 brothers at home and one married, and one sister at home and 2 married. I am the oldest girl at home, 21 the 9th of last February. I have been taking Up-to-Date almost a year, and I like it fine, especially the young people's corner. I am raising chickens this year, and have 75 little fellows now. One of my brothers recently returned from the United States army, and is now attending Southern Business College. I would be glad to hear from any of the Cadets, and will answer all.—Emily Duckworth, Live Oak, Fla.

DEAR CADETS: I have just finished reading the Cadet pages in our paper received yesterday, and they are the very best. I am 9 years old, and have lived on a farm all my life. I am going to a country school next year and will have 2 miles to walk. We have 11 little pigs, 3 cows and calves, and 3 horses. I would like to exchange cards with all the Cadets.—Alva P. Curry, Bentonville, Ind.

DEAR CADETS: Having just read the the letters in the April 15 issue, I have decided to become a member of your happy band. I have been a reader of the Cadet letters for nearly a year, and have always enjoyed them. I am 17 years old, and live on a farm of 100 acres, situated about a mile from Freeport, where I attend high school. I am in the junior class, and enjoy my school work very much. I like the loveliness of the farm. There is nothing I enjoy better than to wander through the peaceful meadows or woods in springtime, where there is always some charm for me. I love the sound of the murmuring brook, and each tiny wild flower has a voice for me. I also like to gallop over the hills on my pony. But, with all the charms of country life, I greatly enjoy the mirth and laughter found in the society of the city. I have a piano, and enjoy music, and expect to finish a musical education some time. As I am gathering a collection of views from the different states, I shall be glad to exchange cards with any of the Cadets.—Olive Foreman, Freeport, Pa.

DEAR CADETS: My father takes Up-to-Date Farming, and I enjoy reading it very much. We have a farm of 7 acres, most of it being in fruit—strawberries and apple trees. This is a healthful climate. I am 18 years old, my birthday being October 5. I would like a post card shower. I have 3 sisters and a brother, who is a farmer boy.—Belle Tichenor, Lynxville, Wis.

DEAR CADETS: We have taken Up-to-Date for 4 months, and I like to read the Cadet letters very much. I live on a farm of 700 acres. Papa keeps 20 head of horses, 39 of cattle, and a few hogs, and we have 140 chickens. I go to a school where there are 12 pupils. I am 12 years old. We have an orchard of 2,000 trees. Some years we have 1,000 to 1,500 boxes of apples. We grow plums, pears and strawberries also.—Lenora Howard, Pine Grove, Franktown, Nevada.

DEAR CADETS: I am a boy from the big state of Texas, 17 years old, and a subscriber to Up-to-Date. I am the son of a farmer, and I think farming is the most honorable and pleasant work in the world. In a recent issue I read a letter from Pearl Crow, in which she speaks of the Ozark mountains. Pearl, that makes me think of "Shepherd of the Hills." This part of Texas is very mountainous. I do love scenery. Everything looks thrifty in Texas this year. Some of you boys and girls write me from the west. I will answer all I receive from Cadets anywhere. —Joe W. Peacock, Burnett, Tex.

I must now stop to give the names and addresses of the writers whose letters are crowded out:

	Years
Julia Lehman, Carroll, Pa.	11
Marie Bowen, Rosedale, W. Va.	9
Shelby Spurling, Spurlington, Ky.	12
Clara Prunty, Burnt House, W. Va.	14
Lena Ruschke, Rock Falls, Ill.	17
Emma Ruschke, Rock Falls, Ill.	15
Ethlyn L. Willis, Petersburg, Ind.	17
Helen Minthorn, Woodville, Ore.	14
Leonard Spitler, S. Greenfield, Mo.	15
Theodore E. Patterson, Titusville, Pa.	14
Dorothy Thiese, Alexandria, S. D.	
Ruth Trimble, Livermore, Pa.	13

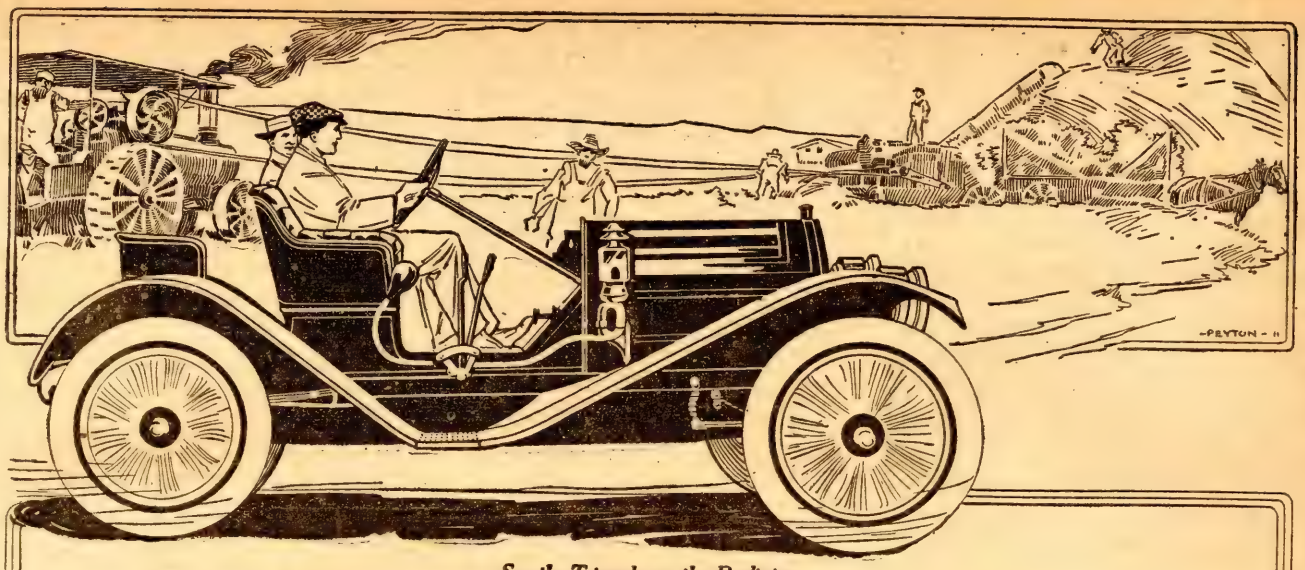
—o—

SPECIAL LETTERS

The following is from a second letter from a Cadet. Yes, you are already a Cadet, Edna, your Cadet number being 714. Your former letter was one of the unfortunate ones crowded out, but it made you a Cadet:

I have just come home from school, and the first thing I did almost was to read the Cadet letters. I think they are so interesting, and I have so longed to become one of their happy band. * * I am 15 years old, and weigh 103 pounds, but I have never had but two birthdays. I was born on February 29. I have two sisters married and one single. My single sister and I have jolly times teasing each other when we are together. I don't want the Cadets to forget me. I will answer all cards I receive.—EDNA WATTERS, Columbia City, Ind.

Lucy Williams, Kingston, Texas, a new Cadet, would like to find her uncle, J. B. Rockwell, who was last heard from at Huston, Ark.



See the Triangle on the Radiator

Large Enough to be Substantial—Not so Small as to be Insignificant

"The Most Widely Copied Car in America"

ONE thing I like about the HUDSON '20' Roadster" remarked a lady, "is that it looks and performs like a real automobile. It is moderate in cost, yet has the size, comfort, easy-riding qualities and beautiful finish of the most expensive cars."

A CAR of this design rides easily. The wheels are sufficiently large to glide over the rough roads; the springs are flexible, and with it all is a motor quiet, flexible and powerful enough to take the car and passengers wherever any automobile will go.

YOU probably know the HUDSON "20," but do you know the 1911 model with its added refinements and detailed attention that has been given to the little things? These make it as much in advance of the cars of its class today—although it has been widely copied—as it was a year ago when it was first introduced.

The HUDSON "20" is furnished in two models: the Roadster at $1,150 and the Fore-door at $1,200, fully equipped. Either, on option, is furnished to carry two, three or four passengers. Equipment includes Bosch magneto, top, glass front, Prest-O-Lite tank, gas headlights, oil lamps, tools, etc.

Hudson Motor Car Company

6094 Jefferson Avenue, Detroit

12 POST CARDS FREE

We will send you 12 of the prettiest post cards you ever saw if you will cut this out and send it to us with 4c, to pay postage and mailing, and say that you will show them to some of your friends. If you wish, we will also put your name in our Post Card Exchange free. You will get cards from all over the world. Address FAMILY STORY PAPER, 23-84 Vandewater St., New York

10 EMBOSSED POST CARDS FREE

I will send you 10 highest grade, embossed, colored imported post cards, and tell you how to get 50 other floral, sentiment, friendship or assorted cards free. All I ask is that you send this advt. and 4 cents in stamps to pay postage and mailing. C. T. JOHNSTONE, Pres., Dept. 1A, ROCHESTER, N. Y.

10 POST CARDS FREE

We will send you 10 of the prettiest post cards you ever saw if you will cut this advertisement out and send it to us with 4c to pay postage and mailing and say that you will show our post cards to your friends and explain our offer to them. D-223, NEW IDEAS CARD CO., 33 So 5th St., Phila., Pa.

5 Fine POST CARDS Free

Send only 2c stamp and receive 5 colored Gold and Embossed Cards FREE, to introduce post card offer. Capital Card Co., Dept. 120, Topeka, Kan

12 YOUR NAME IN GOLD 10c

or town greetings or Embossed colored Post Cards. 100 to 75c. N. L. MUNRO'S, 24 Vandewater St., NEW YORK.

6 Lovely Post Cards 2c

Send 2c stamp for 6 of the prettiest cards you ever saw; gold embossed, varnished, etc. Illustrated catalog free; also Big Surprise Offer to Post Card Buyers and plan to get 100 rich cards free. ELLIS ART CO., DEPT. 224, 538 LAWNDALE AVE., CHICAGO.

100 NOVELTY POST CARD VIEWS 10c

Comic

ACME CARD SUPPLY, Box 1394, Pittsfield, Mass

CHAMOIS SKIN KHAKI

THE STRONGEST 50c WORK SHIRT MADE

Government test proved that khaki was the best material for U. S. Army wear, and personal test will prove to you, as it has to over 2 MILLION men, that Chamois Skin Khaki Work Shirt made of strong fibered khaki with the soft "chamois skin" finish is the best work shirt you ever wore. And it is guaranteed.

At your dealer's; if he can't supply you, send us his name, your collar size and 50c in stamps for sample shirt and book of new patterns.

THE PRESIDENT SHIRT CO.

114 Wyoming St. Baltimore, Md.

50¢



THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden."* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressixe ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



of the Farmers' Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

"Once to every man and nation comes the moment to decide,
In the strife of Truth with Falsehood, for the good or evil side;
Some great cause, God's new Messiah, offering each the bloom or blight
Parts the goats upon the left hand, and the sheep upon the right,
And the choice goes by forever 'twixt that darkness and that light."

—*Lowell.*

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The above was never more applicable to men and a nation than to the men of our country and this nation, today.

—o—

Probably not since the crisis that resulted in the revolutionary war, or that later crisis that led to the war of the rebellion has a more serious condition existed in the United States than exists now.

—o—

Coming directly to the point, we will say that lack of organization, consequently lacking the ability to protect themselves, the two great classes of our people, the producing and consuming classes, have been exploited until their calls for relief are long and loud.

—o—

Naturally the call of the consumer is louder because he has practically the entire press of the country at his door. Besides, he now outvotes the greatest class of producers, the farmers, consequently has the strongest claim on the politician.

—o—

Also he has been more oppressed in late years as compared with the great class of producers. Farmers, through partial organization and co-operation along correct lines, protected themselves better than ever before in the history of the country. But through indifference on their own part, and hurtful agitation of the proposition to make ours a free trade country in agricultural products, the advantages they enjoyed for a few years have been reliquished.

—o—

Mr. A. D. Juliard, the head of one of the oldest established manufacturing and mercantile firms in the United States, said this recently about the conditions:

There is something at fault in the machinery of distribution. It is too costly. Let me give an illustration. The wholesale prices of meats are lower in the United States than in England, but when the meat gets to the consumer the retail prices are higher here than in England. If we can shave the cost of distribution, down to the consumer in this country we would not have so much to complain of the high cost of living.

—o—

And Mr. Juliard says the faulty distribution is not confined to food commodities. We quote further from him:

Not long ago I asked a friend the price of a tailor-made suit he was wearing. He told me it was $30.00. He was surprised when I told him the manufacturer received not more than $3.50 for the cloth out of which the suit was made.

—o—

An average woolen suit contains about five pounds of raw wool as the farmer sells it, if the tariff of 13 cents a pound was all taken off and if the ultimate purchaser of the suit got all the benefit in the price it would be only 65 cents on a wool suit.

—o—

Thus, if the farmer would accept 13 cents a pound less than he has been getting, which would more than wipe out any profit there has been in the business, the consumer could not save more than 65 cents on a suit. But the probability is that the retail price of the suit would not be one cent cheaper. In other words, the $30.00 suit would not be priced at 29.45 because of the removal of the tariff. If it is priced down in would be from some other cause which we will refer to.

—o—

And it is the same way with nearly all the other commodities the farmers produce for food and clothing. All of his profit might be waived and in many cases his produce might be taken away from him without any price, but, until it passed down through the intricate and expensive distributing system, that would not have an appreciable effect on the retail price.

—o—

To get a better understanding of this matter, let us try to get an idea of the machine of distribution as it exists today.

—o—

On March 1, 1911, Bradstreet's commercial reports contained the names of 1,746,830 merchants, manufacturers and other business men. These were concerns in business on their own account and the report did not include agents, brokers, many small trades people, doctors, lawyers, teachers, etc., etc.

—o—

The 1910 census reports the population of the United States at about 90,000,000 people. Thus we see that every group of 52 people has one factory or store or mercantile establishment to serve it; or every 50 people support one store or such other establishment.

—o—

Counting five people to a family, then each group of 10 families supports a store or factory.

—o—

As these stores and factories must have employes, we may conservatively assume that on an average there are four families, including the proprietor, depending on each for a living and his profit.

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The illustration then is that each group of 10 families has another group of four families to serve them, which they support and which constitutes the machine of distribution.

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But this is not all. The other middlemen who are supported—agents, brokers, lawyers, teachers, doctors, public officers—will add at least one more family, making five families for every ten families in the country to support.

—o—

Thus the scheme or system of distribution now in vogue, requires ten families to support five others who are engaged in supplying them with the necessaries and some of the luxuries of life. If it were proposed that one family should be a pensioner on every two, there would be a great outcry against it. But is that not virtually the condition now?

—o—

And the machine is growing larger every year. For instance, there were 46,000 more names in the 1911 directory than a year before. Also it is growing more complex, and its ability to exact toll, or extort tribute is increasing every month, consequently its burdens become more unbearable. Result—the outcry against the high cost of living.

—o—

And congress heard the cry and the remedy proposed is to cheapen farm products by having absolute free trade in them, and by reducing or removing the tariff on some other things.

—o—

But we boldly assert that farmers may be obliged to work for nothing and the tariff may be removed from everything produced in every country under the sun, but if the present machine of distribution is retained no appreciable measure of relief will be realized.

—o—

We are not high protectionists, nor are we opposed to middlemen. Too much of either is bad but we can not get along without some of each. What we do want to say though, is that, as far as finding a remedy for the ills that afflict the people of the United States is concerned, our congressmen are barking up the wrong tree. The African they are hunting is in another wood pile than the one they are chopping on.

—o—

All of this so-called reciprocity and tariff tinkering that congress is engaged in now is the merest bosh. It is worse than time and money wasted, because it does not go to the root of the evil while it disturbs business and destroys values.

—o—

True, it may result in lower prices to the consumers, and it has done so already, but only at the sacrifice of industries, values and wages. Every dollar saved will be represented by

APPLICATION FOR MEMBERSHIP AT LARGE



FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R.*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

I further agree to attend the meetings of my local union, (when a member of one) to assist in its programs, to talk, praise and promote the Society, by voice, pen, the wearing of the official button and distribution of literature, as may be convenient, to its upbuilding throughout America.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date, for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) and gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?..... *Will you try to Organize a Local Union?*.....

Name of Your Shipping Station .....

several dollars in destroyed values and earning powers of employes and industries. So it will come to pass that while living will be cheaper, the person who wants the cheap stuff will not have the money with which to buy it. The second condition will be worse than the first.

—o—

As regards the reciprocity agreement: It is the worst kind of a policy to withhold a fair price from the producers of farm crops. At best the profit they ask is only a small per cent. of the retail price. But it gives them a purchasing power which in turn gives employment to labor at good prices and that in turn gives the laborer the money to buy the farmers' produce.

—o—

So anything that will give us a simpler and a less expensive system of distribution of the products of the farm and factory, will be popular with all the people, except a few superflous middlemen who have established themselves between.

—o—

And the cure will not come through congress. It is a problem for the people themselves. It is a problem, the solution of which must come through organization such as this paper teaches. In fact, it will require two organizations—one of the producers and one of the consumers. The farmers can and will organize to sell right. Then it will be easy for the consumers to organize to buy right Between these two all exploitation will be crushed out and equity in the business of buying and selling will prevail.

—o—

Refering to the Equity System of Marketing, Mr. Frank Anderson, Industrial Commissioner of the Frisco Lines, said in a letter May 8:

DEAR MR. EVERITT:

It is my humble opinion that you have said the right things in the right way. Many of us have ideas of this kind, but unfortunately few of us have the faculty of reducing them to writing as you have done. We all realize that it is a gigantic task to attempt to bring about what you are working for, but it must come and will follow the pioneering such as you are doing. To my mind the farmer who overlooks the matter of marketing almost commits a crime against himself and his family.

MICHIGAN MEETING

THE Michigan state meeting was held at Grand Rapids, April 27, as announced. Delegates were present from 32 counties, which, considering the backwardness of the season and the fact that the ground had just got into condition to permit work in the fields, was a splendid representation. Former State organizer George Winans, of Hamburg, presided and State Secretary Chas. Edgecomb acted as secretary of the meeting.

The first object of the meeting, viz., to protest against the proposition to admit Canadian farm products into this country free was ably presented in an address by Mr. Everitt. (The address was printed in the May 1 number of this paper.) The meeting then passed a resolution to send a printed copy of the address to each United States senator at Washington with a demand to vote against the so-called Canadian reciprocity agreement, so far as it related to admitting farm crops of any kind from that country, into this country free.

Toward accomplishing the second and third objects of the meeting, viz.: To inaugurate an organzing campaign to organize a local union of the Society at each shipping station and establish the Equity System of Marketing all over the state, Mr. George Winans was appointed state organizer, and the following appointments as local organizers and speakers were made:

Henry D. Lowing, Jenison; Chas. A. Mastin, Sherwood; H. A. Sias, Midland; David Powers, Fremont; H. S. Kennedy, Fremont, Harry Dosenberry, Ada; Bert Hayes, Grand Rapids; Eugene Marshall, Cedar Springs; I. B. Hajnor, Iona; Celplias Buttles, Lewiston; J. F. Gibson, Hopkins; Jesse Beardslee, Cedar Springs; T. H. Whitehall, Sparta; Carroll Culbertson, Three Rivers; Tom J. G. Bolt, Ravenna; John Nickerson, Lake Odessa; S. J. Carson, Climax; Chas. A. Edgecomb, Traverse City; R. Farnum, Sand Lake; W. J. Harrison, Cedar Springs; J. O. Brennan, Houghton; Michael Gingrich, Reed City; O. F. Marion, Holton; Frank A. Zeitz, Leland; John W. Langton, Three Rivers; Frank Kidder, East Jordan; J. T. Richie, Cedar Springs.

Mr. Winans, State organizer, is well known in every part of Michigan. He has in the past visited every county in the interest of the Society when he made a very great number of acquaintances and friends. The prospects for a very strong organization in Michigan this year are excellent. Any place that wants to organize now can get full instructions, and assistance if necessary, by applying to national headquarters at Indianapolis; or to the State secretary, Charles A. Edgecomb, Traverse City, or to the State organizer, Geo. G. Winans, Hamburg.

The plan of canvassing the country around the market town, or shipping station in advance of the meeting to organize was favored by the meeting. This means that as many farmers as possible be seen in advance, their names be secured as Charter Members of the proposed union and when enough are secured a meeting be called to organize. The opinion prevailed that a thorough canvass in almost any Michigan community now will secure nearly every farmer and insure strong local unions. This paper was requested to call for other organizers in Michigan.

Other State Meetings

Other meetings will be held in the following states as rapidly as arrangements for them can be completed.

ARKANSAS, CALIFORNIA, COLORADO, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, MAINE, MINNESOTA, MISSOURI, MONTANA, NEBRASKA, NEW JERSEY, NEW YORK, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, SOUTH DAKOTA, WASHINGTON AND WISCONSIN.

The National Convention

The annual national convention of the Farmers Society of Equity will convene at Indianapolis, Ind., on October 23, 1911.

PHOTOGRAPH DEPARTMENT

Department of Nebraska

OUR photographic corps for Nebraska, with headquarters at Hastings for six weeks, was given an unusual patronage resulting in a large circulation for Up-to-Date in that section which should soon develope into a solid organization of the Farmers Society of Equity. The photographs turned out by this corps, under the direction of Mr. H. H. Church, are of high grade, both in material and workmanship.

Beginning with the date of this paper, May 15, headquarters will be



LABOR SAVED—BETTER QUALITY HAY

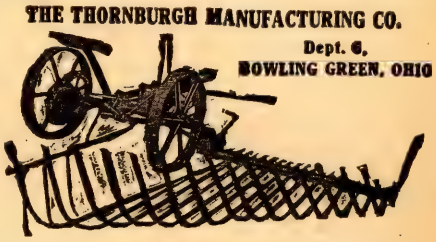
THE SIDE DELIVERY BUNCHER pays for itself every day it is used, in labor saved and in better quality of hay that is produced. It attaches to any mowing machine and is so simple that it cannot get out of order. Over 63,000 now in use by farmers all over the country.

Cut, rake and bunch or windrow your hay all in one operation. It saves your clover and alfalfa seed, does away with raking and tedding, where often 50 per cent. of the seed is lost before you get the hay to the barn. Your hay is better cured, cleaner and harvested in less time and with less labor.

The SIDE DELIVERY BUNCHER takes the place of side delivery rake, dump rake and tedder. It lays the hay in loose, hollow windrows or bunches it just as you wish, curing quicker and better than if left in the swath and then tedded and raked.

Our catalog free for the asking. It tells of farmers all over the country who are using our Bunchers. Send your dealer's name.

THE THORNBURGH MANUFACTURING CO.
Dept. 6,
BOWLING GREEN, OHIO



For Father, Son, Brother, Uncle, Nephew or Grandpa

$5.00 Safety Razor for Only 97c



Beautifully silver plated, with stropper, handle and holder, a full set of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade $5.00 outfits sold in stores. Remember this Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States.

All you need to do is to refer to this ad. enclosing ninty seven cents, with your name and full address and the complete Grains SafetyOutfit exactly as described will be sent at once fully prepaid.

L. C. GRAINS COMPANY
23 Pulsifer Bldg. Chicago, Ill

"MARRIED BY MISTAKE" Most thrilling love story ever written; an absorbing interesting book of 80 chapters; to quickly introduce our popular publications we send it prepaid for only 10 cts. to pay mailing expense. Fiction Club, 834 Jackson St. Topeka, Kan.

FARM BOOKKEEPING

Run your farm like a factory. Keep costs and records of operation and know the profitable departments of your business, the same as any factory or commercial business.

This can be done easily by Hadley's Farm Bookkeeping System. It is simple and practical. Complete instructions and example records are worked out, showing the entries you will make. Your daughter, wife or son can keep the books at night, and it is a fine commercial training and education for them.

Scientific specialized farming pays big and should be applied to your business in an accounting way, as well as any commercial business.

HADLEY'S FARM BOOKKEEPING SYSTEM is perpetual. New leaves can be added from year to year which become valuable and interesting for comparison.

It is private and securely locked.

It treats of the following subjects: Inventory, Cash Received, Cash Paid, Cost Records, Making Bills, Ordering Goods, Making Contracts, Paying Bills, Writing Letters, etc.

HADLEY'S FARM BOOKKEEPING SYSTEM was devised by a practical man in Southern California, where specialized and profitable farming has been developed to its highest stage. Every detail has been worked out in a practical way, no matter what branch of farming or stock raising you do.

Analyze your costs and profits—specialize and discontinue the crops and labor that are not profitable.

Install a HADLEY'S FARM BOOKKEEPING SYSTEM and you will be surprised at the revelation.

Some of the work you have been doing is lost. Other crops and work reveal a long profit.

Devote your time, energy and intelligence to the things that pay you big and get this money. It is yours for the taking.

Price $14.25 delivered at your express office in U. S., with privilege of returning.

Write us if you wish additional detailed information.

CHARLES R. HADLEY COMPANY,
DEPT. U, LOS ANGELES, CALIFORNIA.

Reference with permission:
First National Bank, Los Angeles;
Bradstreets or Dunn's.

Honorable young men and women with firstclass references can get the exclusive sale of this system for your section.

Women's Secrets



There is one man in the United States who has perhaps heard more women's secrets than any other man or woman in the country. These secrets are not secrets of guilt or shame, but the secrets of suffering, and they have been confided to Dr. R. V. Pierce in the hope and expectation of advice and help. That few of these women have been disappointed in their expectations is proved by the fact that ninety-eight per cent. of all women treated by Dr. Pierce have been absolutely and altogether cured. Such a record would be remarkable if the cases treated were numbered by hundreds only. But when that record applies to the treatment of more than half-a- million women, in a practice of over 40 years, it is phenomenal, and entitles Dr. Pierce to the gratitude accorded him by women, as the first of specialists in the treatment of women's diseases.

Every sick woman may consult Dr. Pierce by letter, absolutely without charge. All replies are mailed, sealed in perfectly plain envelopes, without any printing or advertising whatever, upon them. Write without fear as without fee, to World's Dispensary Medical Association, Dr. R. V. Pierce, Prest., Buffalo, N. Y.

DR. PIERCE'S FAVORITE PRESCRIPTION
Makes Weak Women Strong, Sick Women Well.



25 Superior Greeting Cards

With The American Woman 3 Months for 10 Cents

To introduce **The American Woman** to new readers we will send it three months on trial, together with **25 Beautiful Embossed Post-Cards** for only 10 cents. **THE AMERICAN WOMAN** is a monthly paper filled with the best and most delightful stories we can buy. There are thrilling serials by the best authors; there are exciting short stories, some written expressly for us by the popular writers. There are pages of fancy work, receipts, household hints, etc., for the housewife. There are selections from the latest fashions, with all patterns at small cost, for the home dressmaker. All the illustrations and descriptions are the very best and clearest. In short, **THE AMERICAN WOMAN** is a paper that, once taken, you will never be without. That's why we can make this introductory offer. We know that later you will want to subscribe for a full year.

The Cards We Offer You Are The Best

This selected set of beautifully designed, rich and naturally colored flower-cards contains twenty-five high-grade cards that are suitable for every occasion, be it Birthday, Anniversary, Wedding Easter or any seasonable day. As simple message-cards they cannot be surpassed. Each card is entirely different from any other in the set and is finely printed on a selected stock of cardboard, and **heavily embossed.**

We will send **The American Woman** for three months, on trial, together with the 25 Postcards described above, if you will send us only 10 cents in silver or stamps.

Address THE AMERICAN WOMAN, Dept. U Augusta, Maine

The Farmer's Son's Great Opportunity

160 ACRE FARMS IN WESTERN CANADA FREE

Why wait for the old farm to become your inheritance? Begin now to prepare for your future prosperity and independence. A great opportunity awaits you in Manitoba, Saskatchewan or Alberta, where you can secure a Free Homestead or buy land at reasonable prices.

Now's the Time

—not a year from now, when land will be higher. The profits secured from the **abundant crops of Wheat, Oats and Barley**, as well as cattle raising, are causing a steady advance in price. Government returns show that the **number of settlers in Western Canada from the U. S. was 60 per cent larger in 1910 than the previous year.**

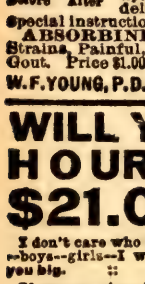
Many farmers have paid for their land out of the proceeds of one crop.

Free Homesteads of 160 acres and pre-emptions of 160 acres at $3.00 an acre. Splendid climate, good schools, excellent railway facilities, low freight rates; wood, water and lumber easily obtained.

For pamphlet "Last Best West," particulars as to locations and low settlers' rate, apply to Sup't Immig., Ottawa, Can., or to Can. Gov. Agt.

W. H. Rogers
3rd Floor Terminal Traction Bldg.
Indianapolis, Ind.

(55)



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If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail; appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once.

Unusual opportunity for men without capital to become independent for life. Valuable Book and full particulars FREE. Write today.

NATIONAL CO-OPERATIVE REALTY CO.

E. R. MARDEN, President

M 139 Marden Building
Washington, D. C.

Little Gold Medal Pippin Orchard

50 Acres—25 Acres Orchard—$3000

This Virginia orchard has not best care, but it has no scale, and soil is highest type for Albemarle Pippins. Took Gold Medal at Paris Exposition, Silver Medal at St. Louis World's Fair. Could be made one of the best. About 1800 ft. above sea level. Last year's apple crop sold for $700. Owner aged and in ill health. 15 acres original hickory timber. Six miles from good town on railroad.

Send 2 cents postage for illustrated publication, valuable information and list of farms, orchards, truck and farm lands all over the South.

"The New West is South!"

C. B. HART & CO., 62 Home Life Bldg., Washington, D. C.

ALABAMA NEEDS 50,000 FARMERS

dairymen and stock raisers to supply her local markets with butter, poultry, vegetables, hogs and cattle. The best land in the world can be had at $5.00 to $50.00 per acre. Let us help you to get a farm in Alabama, where the climate is delightful, where you can raise several crops each year on the same land, and find a ready market for same. We are supported by the State and sell no lands. Write for information and literature.

STATE BOARD OF IMMIGRATION, Montgomery, Ala.

FOR SALE 12 WESTERN MINNESOTA and SOUTH DAKOTA improved farms, containing from 113 to 620 acres. Price from $40 to $55 per acre. Small payments down, balance 10 to 15 years, at 6 per cent. Very choice lands. Good reason for selling. ALBERT D. SNOW, Batavia, Ill.

EASTERN FARM BARGAINS. Write for catalogue. Address Hickox Farms Agency, Lewis House, Binghamton, N. Y.



WANTED---MEN

Brakemen, Firemen, Electric Motormen Conductors, Train Porters

Hundreds put to work. $65 to $150 per month. 500 more wanted. Experience unnecessary, Application blank and map of new lines free Give age and position wanted. Inclose stamps.

I. Railway C. I., No. 48, Indianapolis Ind



ABSORBINE

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Cures Strained, Puffy Ankles, Lymphangitis, Poll Evil, Fistula, Boils, Sores, Wire Cuts, Bruises, Swellings, Lameness, and allays Pain quickly without Blistering, removing the hair, or laying the horse up. Pleasant to use. $2.00 per bottle, delivered. Describe your case for special instructions and **Book 5 E free.**

ABSORBINE, JR., liniment for mankind. For Strains, Painful, Knotted, Swollen Veins, Milk Leg, Gout. Price $1.00 per bottle at dealers or delivered.

W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.

WILL YOU WORK AN HOUR A DAY FOR $21.00 A MONTH?

I don't care who you are or where you live--men--women--boys--girls--I want you to work for me and I will pay you big.

If you can give all your time to my work you can earn up to $175.00 or more a month.

My work is High Class--Clean and Pleasant. You can do it in your spare time. I start you. No capital needed.

Be your own Boss--fix your own hours. How nice to have plenty of money! How much shall I pay you?

You can earn $21.00 to $175.00 a month by working for me one hour or more a day.

SEND NAME ON POSTAL QUICK TO

C. L. DAVIS, Mgr., Salary Dept. 20, CANTON, O.

moved to Grand Island, Neb. From this center each farm home in Hall, Warrick, Howard and Hamilton counties will be visited by one or more of the following gentlemen: P. J. Swanson, C. E. Black, C. C. Dawson, B. A. Northing and Wm. Becker. When any of our representatives call on our readers in these counties, your kindness in permitting them to make pictures of your homes, stock or other features will be appreciated by us, also by Mr. Church, who is now with the men. Headquarters will be at the Palmer Hotel, Grand Island, Neb.

Department of Kansas

A corps of subscription solicitors and photographers have begun a canvas of Kansas also. It is in charge of Prof. Ira W. Ely, headquarters Girard, Kansas. In addition to the subscription and photographic work, or rather in connection with it and in support of it, the professor will give illustrated lectures on interesting subjects. Mr. Ely requested us to announce that he wants to engage several more field men. Parties with a good knowledge of photography should apply, addressing as above.

Who Would Wed a Farmer

By S. Minerva Boyce

O, who would wed a farmer,
And toil from day to day;
Unless he were a farmer,
Who made his business pay?

Unless he were enlisted—
A soldier good and true;
To fight the greatest battle,
The country ever knew.

Not with sword and bayonet,
Not with rifle ball,
Nor at the mouth of cannon
The enemy shall fall.

But through co-operation,
The battle fought today,
Will liberate the farmer,
And make his business pay.

With "Equity" your watchword,
Come rally, one and all!
Press onward in the struggle,
And scale Oppression's wall.

For who would wed a farmer,
And toil from day to day,
Unless he were a farmer
Who made his business pay?

The Diligent Farmer

I sing you a song of the diligent farmer—
A song of the life that you all know so well;
And never was heart of man truer nor warmer,
Than his of the prairie, the upland, the dell,
The corn in its greenness his labor displaying,
The grain in its waving his banner unfurled;
Each bird as it soars through the azure is saying:
"All hail to the farmer-backbone of the world!"

It sounds from the mountains, it spreads through the valleys,
Of what would undo him it rings the death knell:
And Time, who in steady flight onward ne'er dallies,
The truth to prosperity surely will tell;
May he to the farmer bequeath a rich blessing—
A legacy never away from him whirled—
Through Equity's mandate—his wrongs all redressing—
"All hail to the farmer-backbone of thte world!"

Wheat at Par

Arthur J. Burdick

When a dollar's worth a dollar
Then 'tis said to be at par,
And the credit of the Nation
Is O. K. both near and far.
She can meet her obligations
And there is no "kick" nor "holler"
When her bills are all paid promptly
With a dollar worth a dollar.

Now, the farmer has some notions—
And, too, quite correct they are—
That his wheat, as well as dollars,
Ought to be maintained at par.
If, thinks he, full value dollars
Constitute the "par" condition,
Then the wheat must bring a dollar
To maintain the "par" position.

When the wheat and when the dollar
Travel gaily hand in hand,
There will be both peace and plenty
In abundance in the land.
Better times will greet the people,
Every class and rank and station,
For whene'er the farmer prospers,
Prospers then the entire nation.

"There's always a river to cross,
Always an effort to make,
If there's anything good to win,
Any rich prize to take;
Yonder's the fruit we crave,
Yonder the charming scene;
But deep and wide, with a troubled tide,
Is the river that lies between."

ONE THOUSAND 40 ACRE IRRIGATED FARMS in Glorious CALIFORNIA Almost Given Away



GREATEST OPPORTUNITY since Uncle Sam's free land days in the Mississippi Valley. We are different from any other irrigation organization. We have a record of irrigating 400,000 acres in the Twin Falls Country, Idaho, at a cost of upwards of ten million dollars. We shall spend as much or more in the Sacramento Valley, California, to make one of the finest rural communities in the world. You have a great advantage in buying an irrigated farm now on our ten-year payment plan. With a small payment down, you can make the farm earn all the rest of the payments. It is better than getting a Government farm for nothing, because we already have invested in necessary improvements an amount equal to several times your first payment. Eighty square miles now ready. Thousands of acres already sold. The most profitable dairy region in the world. An unexcelled fruit country. The finest alfalfa country. Hogs, poultry, oranges, peaches, prunes, sugar beets, sweet potatoes, beans or any other special crop will make you lots of money with intelligent handling. Our promises are all backed by money and plenty of it. We have dealt with thousands of settlers, and have kept faith with them all. We want you. This is YOUR opportunity. Fill out the coupon and mail today.

H. L. HOLLISTER & CO., Dept. 134
205 La Salle Street, Chicago, Ill.

Please send free information about Sacramento Valley.

Name _____

Address _____

Enclose 10c if you want our 48-page souvenir book in colors, "CALIFORNIA—NOW OR NEVER."

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

FREE DISHES



I Give This Beautiful 33-Piece Dinner Set For a Very Few Minutes of Your Time.

I HAVE SELECTED the prettiest set of dishes I could find to give to my friends. The above picture does not show all the dishes, but gives a faint idea of the beautiful Rose design and the size of each piece. As soon as you send in the coupon below I will mail you a large picture of the entire set with each piece in all the pretty colors of red, white, green and gold, showing just exactly how the set will look when you take it out of the box in your own home. In the center of each plate or dish there is a beautiful cluster of bright roses, surrounded by green foliage, all in perfectly natural colors. Around the edge of each piece there is a very heavy and artistic design in gold. The combination of gold, green, white and red, makes the most popular design yet produced in tableware. The ware itself is pure white and dainty enough to delight the most fastidious housekeeper. When you get these dishes on your table you will have something to be proud of indeed. And I don't want you to pay me a cent of your money for them. What I ask you to do is so easy you will never miss the spare time it will take, and the pleasure these beautiful dishes give will be with you for years. Don't let this opportunity escape. It is positively the most liberal dish offer you ever did or ever will see.

Send No Money—Just This Coupon

Fill out the coupon below and I will send you prepaid 100 Sharp's best needles, sizes 3-9, 1-5, 4, 5 and 6, and 15 darners and bodkins, all fitted in a handy and convenient needle case. The darners are for cotton, wool, lace gloves, carpet, etc. Every one of these 115 needles is high grade, big eyed, extra quality steel. Rix and Rands brands, made in Austria and Germany. The points are sharp, the eyes are wide. When you receive them show them to your friends and also show them a copy of Profitable Farming and ask them thirty cents each in connection with a special offer I will authorize you to make. When you have collected only $4.80 for me in this way the lovely dinner set will be yours. Put your name on the coupon and send it at once. We give two EXTRA PRIZES for promptness—so hurry.

DINNER SET COUPON

W. G. BROOKS, Cir. Mgr. Profitable Farming, St. Joseph, Mo.

Please send me the 115 needles, and I will do my best to secure a club for the Dinner Set.

My name is.....My address is.....

.....

LADIES SOCIETY OF EQUITY

President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

DEPARTMENT OF MICHIGAN

Allied with their husbands, sons and brothers, who are organizing the Farmers Society of Equity, the wives daughters and sisters of farmers are organizing the Ladies Society of Equity. The purpose is a common one, viz.: To secure profitable prices for farm crops and more satisfaction, comforts and happiness on the farms of America.

Several of the leaders in the ladies' auxiliary society attended the Farmers Society meeting at Grand Rapids, Mich., on April 27, and planned an organizing campaign for the farm women of Michigan. While the men are chiefly concerned in the important staple crops, the care and marketing of some crops, less important on the individual farm but of immense aggregate importance, has usually fallen to the women. Speaking of this, Mrs. Martha Culbertson, Michigan State organizer, said:

You will find few farms where fruits, dairy products, poultry and such things are produced and disposed of, where the woman does not have full or partial control of this branch of the business. We are in every way in sympathy with the struggle the farmers are making to free themselves from the shackles of the combines that have been dictating the prices for our products. It is one of the objects of our society to aid them in every way we can, and while giving them such assistance, our Society is willing to assume the solution of a part of the problem of marketing.

One line of work which the women's branch is giving special attention to is the Equity Hall movement. "An Equity Hall in every market or shipping town and city" is their slogan, as the men's is "A local union at every important shipping point."

The purpose is to raise enough money in each local union to build an Equity Hall which will be the business and social center of the whole agricultural community. Speaking of the Equity Halls Mrs. Culbertson said further:

We hope that these halls will take the place of saloons. There will be rest rooms in them and comfort and amusement will also be provided. In connection with the hall will be operated an Equity market, where the local consumers will be able to buy their vegetables and other farm products directly from the producers if they desire to. But I predict the Equity markets will be patronized by the retailers more than the consumers. The latter will hardly go beyond the corner grocery to get oft-needed supplies. However, we will get very much nearer to the consumer and thus cut out some of the old toll gates to the advantage of all parties, including the necessary middlemen.

Lady organizers are desired in every community. Interested people should address the president or state organizer as printed above.

Violet Local Organized

Following the Grand Rapids meeting the National President of the Ladies Society of Equity and the State Organizer went to Cedar Springs, in the same county, and organized the "Violet" local union, with fourteen lady members. The following officers were elected:

Mrs. Zim Phelps, president; Mrs. S. N. Daniels, vice-president; Miss Ethel Butler, secretary; Mrs. Edith Whitney, treasurer; Mrs. Rosetta Marchal, chaplain, and Mrs. Bertha King, instructor.

Mrs. Culbertson also addressed the local union of the Farmers Society of Equity at this place on Canadian Reciprocity and the Equity System of Marketing, with the result that five new members were enrolled and many other progressive farmers who were present will arrange to join the union.

Mrs. Howey and Mrs. Culbertson will go to the former's home in northern Michigan, holding meetings along the way.

1911 Campaign to Organize Farmers

(Continued from First Page)

We want to organize the Farmers Society of Equity all over the country this year and complete its new system of marketing.

There are many organizers working now in nearly all the states. But we need many more. We want a representative in every section of the United States at once as local, county or district organizer. Ours is comparatively a new business and what we have to offer the people is needed more than any other thing. The field is large—46 states and territories. The 1910 census will show that there are about 6,500,000 farms in this field and what we have to offer *is needed on every farm*, is needed badly, is needed more than anything else.

We want each farm visited this year. So this is THE opportunity for thousands of people. Experience is not necessary, but we want representatives who will do their best.

We are organizing our forces now so we ought to hear from you at once if you will help us.

Our proposition should appeal to

The Farmer
The Professional Organizer
The Experienced Canvasser
Salesmen, Insurance or Other Agents
Minister, School Teacher and Student

The Farmer

He is the most vitally interested, because he will find ours a congenial business and profitable; also one in which he can engage with great enthusiasm. Its success, he well knows, will deliver him from the thraldom to his old exploiters and, while we will pay him well for his time, he will be doubly benefited in good prices for the crops he sells. Retired farmers make the very best organizers.

The Professional Organizer

will find in the Farmers Society of Equity movement a new field with no competition. This is true, because *no other farm organization has a successful system for marketing crops at profitable prices.* Any organizer who ever successfully organized farmers for fraternal or social objects, or for buying cheaper, or for insurance, or shipping associations, will find he can get multiplied results for the F. S. E., where the object is to *sell right* while including practically all of the other things too.

Canvassers

who are tired of trying to foist oftentimes unsatisfactory wares upon distrustful, would-be patrons should seek a commission from the F. S. E. Ours is an honest, profitable work that benefits everybody and makes your patrons your warm friends.

Salesmen

who have hard lines to sell should drop them and join our forces. A position with us will pay better than the average traveling position and permits the person to be at home nearly all the time.

Agents

The same amount of energy you find necessary to put in the sale of books, periodicals, nursery stock, sewing machines, etc., directed toward bringing the farmer into our Society for marketing and its other good objects, will pay better and, to most, the work will be more agreeable.

Ministers

who are poorly paid and perhaps not fully appreciated, can increase their income and increase their usefulness to do good by working for the Farmers Society of Equity. The principles of the Society are synonimous with christianity.

School Teachers

without neglecting their schools can add materially to their income and at the same time make themselves "solid" with the farmers of the community by organizing them into the F. S. E. to get more money. We can also give them probably the most certain way open to them to earn money to continue their studies.

School and College Students

who want to earn money to meet the financial requirements to continue in school or college, will probably find ours the pleasantest and most remunerative way. It should appeal with especial force to farmers' boys when they are home on their vacations.

DUTIES OF ORGANIZERS

A Local Organizer

Each organizer will be commissioned first as a local organizer. (An exception may be made in the case of experienced organizers). The work consists in seeing all the farmers surrounding a market town or shipping station and getting their names as *Charter Members* of a local union to be organized at the town, and later organizing it. This should be a house to house canvass. We supply full instructions and a complete outfit. The person who will follow our instructions will be able to secure nearly every farmer as a member. We pay well for this work and for everything else that is done.

Crash!!—another wax record gone to smash!



If you own a Phonograph or Graphophone (Edison or Columbia) never buy another wax record for it. Get ONE Indestructible Record from your dealer.

Or let us mail one to you:—35 cents (for the 2-minute) or 50 cents (for the 4-minute), postage free, and a catalog with it. Give it the hardest possible test. Lend it to the youngsters. Toss it on the table. Drop it on the floor. Kick it across the room. Leave it in the sun. Then play it and hear a finer, clearer, purer, stronger reproduction—better music in every way—than your machine ever gave out before. Play it every day for ten years and you will still have it, good as new. Almost too good to be true? Try it! Prove it! Send for one!



BY MAIL
if your dealer cannot supply you.
Send for Free Catalogue.

HERE'S YOUR CHANCE!

We make this special offer so that you may hear Columbia Indestructible Cylinder Records in your own home and play them on your own phonograph.

Any cylinder machine, of any make, will play Columbia 2-minute Indestructible Cylinder Records, and any cylinder machine can be easily equipped to play both 2-minute and 4-minute Indestructible Cylinder Records.

If you can not secure Columbia Indestructible Cylinder Records from your dealer, send us your 35 or 50 cents and we will mail one to you, postage free, and a catalogue with it; we know you will never buy another wearable, breakable wax record after you have heard *one Indestructible* Cylinder Record. .. ..

Make your choice—every one a real "hit"

2-Minutes—35 Cents

1456 Free Lance, March (Sousa).
1458 Think It Over, Mary (Tenor Solo).
1460 Just Before the Battle, Mother (Tenor and Baritone Duet).

4-Minutes—50 Cents

3190 A Georgia Barn Dance (Military Band).
3195 The Old Oaken Bucket (Quartette).
3199 When You and I Were Young, Maggie (Counter-tenor Solo).

Send for our 40-page catalogue listing all Columbia Indestructible Records—Free.

Dealers Wanted—Exclusive selling rights given where we are not actively represented.

COLUMBIA PHONOGRAPH COMPANY

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20 Beautiful Post Cards 10c
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FASHION BOOK FREE



I WANT TO send you my handsome new book showing 800 of the latest styles with illustrated lessons on cutting and dressmaking. I will agree to sell you all the patterns you want for five cents each. They are the same patterns you have always paid 10c and 15c for at the stores, made by the same people and correct in every detail.

HOW I DO IT

I publish the Illinois Farmer, an illustrated semi-monthly farm journal, and I want YOUR name on my subscription list.

THE ILLINOIS FARMER is a clean cut farm paper that is not afraid to fight the battles for farmers, and thereby help secure for them a better measure of the wealth they produce. It is not afraid to tackle his legislative problems. It has pages devoted to Dairy, Poultry, Live Stock, Horticulture and everything pertaining to the up-to-date farm. Every issue a good woman's department, illustrated with the latest fashions.

MY SPECIAL OFFER

Send me 25 cents and I will send you the Illinois Farmer twice a month for one year and will send my big fashion book to you free. I will also agree to sell you any pattern you want thereafter for 5 cents. I can sell them for 5 cents because I buy them by the thousand and don't make any profit. I don't want the profit. I want your subscription to Illinois Farmer. You will save many times the cost of my offer in a year. Write today.

JOHN M. STAHL, J. P. Station, Chicago, Ill.

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—ONE OF— THE HANDIEST LITTLE TOOLS You Ever Saw.

Used many times a day in every home. Screwdriver, tack hammer, wrench, ice pick, nail puller, box opener, wire stretcher, pipe or small rod holder, to handle hot dishes and pans. You have needed this tool a hundred times.

SEND a new or renewal 2 years subscription to Up-to-Date Farming and we will send the Handy Tool postpaid.

Up-to-Date Farming, Indianapolis, Ind.

REQUEST *ADVERTISERS WANT TO Know in what Paper seen. Therefore We* **TO** *their Advertisement was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

We try to make UP-TO-DATE FARMING the most valuable farm paper in the country to farmers. Thousands tell us we succeed. If you want to help us be sure to mention Up-to-Date Farming when you write an advertiser even tho you see his announcement in another paper, also.

When writing to advertisers don't fail to mention Up-to-Date Farming.

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

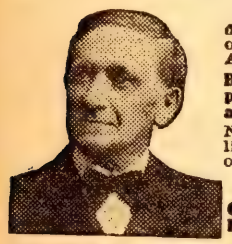
Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

New Rupture Cure

Don't Wear A Truss



Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions.

Binds and draws the broken parts together as you would a broken limb.

No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

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SCIENTIFIC RUPTURE CURE



Don't Wear a Common Truss or Appliance Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet Free

APPLEY TRUSS CO.
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CANCER TREATED successfully without operating. Send today for Free Book. **Pay When Cured**
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KITCHEN SET FREE

(22 INCHES LONG)



(10 INCHES WIDE)

Complete Kitchen equipment-a utensil for every purpose. A place for everything, fewer steps, less annoyance greater comfort, Every item is a household necessity, used daily. Made of the highest grade of tempered crucible steel, ground and polished by the latest improved process. Rubberoid finish, hardwood handles; matched and mounted with nickel plated ferrules, making set an ornament to your kitchen. The rack is 22 inches long, made of wrought steel, heavily enameled in black. In back of rack is space for kettle covers, trays and shallow articles or cooking utensils.

COUPON

D. W. BEACH, BOX 502
Spencer, Indiana.

Send me full information how I can get the American Kitchen Set FREE, by getting a few subscriptions to the EPITOMIST. Also send me a sample set of Post Cards that go with each subscription. I will do my best to get up a club for you and get the Kitchen Set.

Name.....

P. O.....

St. or R. F. D..... State.....

A County Organizer

The local organizer who shows ability will, if he wishes, be promoted to have charge of a county. He may then employ sub-organizers to help him to complete the organization in the county. It is the duty also of the county organizers to see that the organization is maintained in the county and that the dues are paid in season. He is also the general business supervisor of the Equity System of Marketing, in the county. The position of a county organizer is one of importance and responsibility. There are many counties that will have 2,000 or more members and market a million dollars worth or more of produce.

A District Organizer

His position is the same in all respects to the county organizer, only his territory is larger.

A State Organizer

We want a state organizer for each state as rapidly as men with the proper qualifications can be found. A State organizer co-operates with headquarters in finding and commissioning local, county and district organizers. At all times he must go to any part of the state, when necessary, to assist organizers and to aid in every way to extend the organization and establish the Equity System of Marketing at every market town.

VALUABLE HINTS

Methods that Lead to Success

The organization of a local union of the F. S. E. means more for a rural community than anything else that can be done. First, it leads to the end of the sway of the board of trade and produce exchange system of pricing and marketing and gradually substitutes the Equity System. Second, *it means better prices at once for everything produced and marketed through the local union.* Third, more money to the farmers means greater prosperity for the merchants and all the people in the towns. It means the "Rural Uplift" that the great people of the country have been talking about for years.

The organizer should first convince himself that these claims are correct, which he can do by reading and studying the Society's literature. He should then be able to convince the people he seeks as members and enroll them rapidly. He can also consistently ask the co-operation of the local business and professional men and bankers, because a local union for the farmers will be a great boon to all the people. It will bring more money from the great consuming cities to the country for farm produce, which the farmers will spend freely with the business men of the town. With enough money farmers will not be under the necessity of buying cheap stuff, but with the co-operation of the town people they will take a pride in building up the local institutions, which in turn will reflect benefits on them. The man who seeks a farm always wants it near to a live, prosperous town.

The literature we supply to an organizer when studied, enables him to present unassailable and irresistible arguments in favor of the local union, and also qualifies him to meet every objection and refute every criticism.

Enthusiasm

After you understand the Farmers Society of Equity and its objects, you will, or should be fired with enthusiasm. You should be anxious for the new order of things to be brought about, and you should be anxious that all your friends reap its benefits. Of course it takes numbers to make this movement the great power for good it may be. Fired with enthusiasm you possess the element that, more than anything else, will insure success. The man who believes in his work is sure to make others believe in it. We want such men. The F. S. E. develops such men and fires their souls with enthusiasm. Men who radiate enthusiasm are usually able to make others enthusiastic until the whole community is ablaze. Try to produce this condition. It can be done and unexpected helpers will come to your assistance to make your work the most resultful. Don't despise the help and co-operation you can get from the influential business men in the towns and cities.

Persistence

We said, under "A Local Organizer" head, "See all the farmers and get their signatures as Charter Members of a local union." We need hardly suggest that the leading farmers should be seen first. Get their names at the head of the list. It will be time well spent to go over the matter with them thoroughly and convince them of the advantages, yes the necessity for a local union. This plan of marketing is what they have wanted many years, but they did not know from whence it would come; how or when. They will be glad to sign as soon as they understand. Any farmer who will not stands squarely against his financial interests.

When you get one or more of the leaders the others will come easier. Ten farmers may organize a local union, but don't stop at ten. Perhaps it will be wise to make a complete canvass of all the farmers who market and ship at the town or city where the local is to be organized. There is a strong argument in having a strong local union assured before the meeting to organize is held. Numbers inspire confidence and co-operation will be strengthened if all the farmers are secured. But if all are not secured as Charter Members, the attraction of the local union and the benefits of co-operation will win the others later. As an extra inducement to secure Charter Member signatures you may give a copy of "The Third Power" book to each advance signer. There will be no extra charge for this. The book makes co-operation by farmers and its advantages clear. It is a complete education on marketing crops at profitable prices. It has 320 pages and is cloth bound. Such books usually sell for $1.00. Only those who sign in advance of the call for the meeting will be entitled to the book.

Be persistent in getting Charter Member signatures. If you fail on the first call, go back. Let your motto be "Equity is for all and all must be for Equity."

Courtesy—Affability

While enthusiasm and persistency are very necessary to success, they should be accompanied at all times with courtesy, affability, politeness and civility. Much of your future in this movement depends on making yourself "solid" with the members you secure. Your conduct should be such as will win favor with the people and at once gain their confidence toward the F. S. E. Bear in mind that as this Society develops there will be need for men to fill positions of trust and responsibility corresponding with those occupied by managers and sub-managers of great business concerns. Railroads have a station every few miles, and one or more men in charge. There is no reason why agriculture, the greatest and most important of all should not pattern after less important industries in the matter of business system.

Supplies

Instructions, blanks for reports, circulars and copies of the official paper in reasonable numbers will be supplied to organizers free.

Women Organizers

Women make good organizers and we give them exactly the same consideration that we do men.

Making Application

An applicant for a position as organizer of the F. S. E., is required to fill out our "Application Blank" and furnish recommendations. One is printed with this. Please fill it out and forward, when, if satisfactory, a "commission" will be sent to you at once.

Territory

We will, as far as practical, protect an organizer in his territory. Each commission will state the territory and we will not give the same territory to two or more organizers. If it is found that an organizer encroaches on the territory of another it will be sufficient cause to revoke his commission. Farmers residing in one county and marketing at a town in another, legitimately belong to the organizer who holds a commission to the territory in which the town or city is situated.

Conclusion

Remember, every farmer is a prospect. We have what he needs badly. He needs the Farmers Society of Equity and its System of Marketing more than anything else that can be taken to him. He has wanted a better system of marketing for many years and at times he thought he had visions of it. We read that when the blind man's eyes were first annointed he saw men as trees walking, but in a little while he saw clearly. It will be so with the farmers. Once their eyes are opened to what they have lost these many years and to the virtual slavery in which they have been held by board of trade and

Warranted For Three Years.



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Only $29.50

Buys this three-year-guaranteed Buggy. Surries, $45.00 up. Two-Horse Farm Wagons, $50.00.

You save the wholesaler's and retailer's profit. MUTUAL vehicles warranted for three years. Satisfaction guaranteed or money refunded.

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Consumption Book FREE



This valuable medical book tells in plain, simple language how consumption can be cured in your own home. If you know of any one suffering from Consumption, Catarrh, Bronchitis, Asthma or any throat or lung trouble, or are yourself afflicted, this book will help you to a cure. Even if you are in the advanced stage of the disease and feel there is no hope, this book will show you how others have cured themselves after all remedies they had tried failed, and they believed their case hopeless.

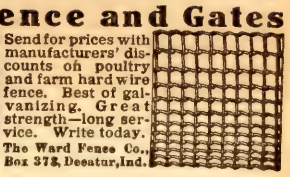
Write at once to The Yonkerman Company, 4799 Water Street, Kalamazoo, Mich., and they will gladly send you the book by return mail free and also a generous supply of the New Treatment, absolutely free, for they want every sufferer to have this wonderful remedy before it is too late. Don't wait, write today. It may mean the saving of your life.

Cancer How to treat cancer or tumor by a new home treatment mailed free to all sending address
Ceder Hill Sanitarium, 361 Broadway, Lebanon, Ohio
We refer to any bank or business firm in Lebanon

Farm Fence and Gates



Send for prices with manufacturers' discounts on poultry and farm hard wire fence. Best of galvanizing. Great strength—long service. Write today.
The Ward Fence Co., Box 378, Decatur, Ind.



FAT IS FATAL

Fat is fatal to Health, Comfort, Happiness and often fatal to Life

Let me send you a trial treatment FREE OF CHARGE. You can get rid of your fat safely, surely and quickly.



What my treatment has accomplished in hundreds of cases. It will help you! Try it!

E. A. Richards, Mayor of Holly Hill, Fla., says: Your treatment cured me permanently, it has been two years since I stopped taking it and have not regained a pound.

Rev. Mary Kimball, 112 So. Jackson St., Janesville, Wis., says: Have tested and proven the merits of your reduction remedies, none of my garments fit me; they seem made for another woman.

SPECIAL FREE OFFER I have had such wonderful success with my method of reducing superfluous fat that I have decided to offer for a limited time—*free trial treatments.* Hundreds of testimonials on file show that my treatment *takes off fat at the rate of 5 to 7 pounds a week* and what is more, that the fat *does not return* when the treatment is finished. No person is so fat but what it will have the desired effect, no matter where the excess fat is located—stomach, bust, hips, cheeks, neck—it will quickly vanish without starving, exercising or in any way interfering with your customary habits. My treatment is endorsed by physicians, because of its easy and quick results. Rheumatism, Asthma, Kidney and Heart Troubles leave as fat is reduced. *Don't take my word for this;* I will prove it at my own expense. Write today for free trial treatment and illustrated booklet on the subject; it costs you nothing. Address Dr. J. Spillenger, Dept 1853E, 41 West 25th St., New York City.

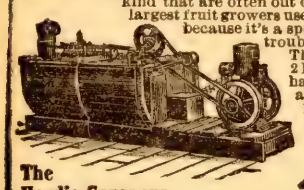


The Famous Broncho $3 Buster Hat, Delivered anywhere for

The kind our Texas Cowboys always wear, very picturesque and serviceable; stiff never-flop brim, guaranteed to hold its shape, light tan color, with richly carved Mexican leather band; made in two dimensions; crown 4 1-2 inches, also 5 1-2 inches; brim, 3 inches, also 3 1-2 inches; a regular $5.00 hat—sent express prepaid anywhere for only $3. Order today—Satisfaction Guaranteed or your money promptly refunded. Dealers write for our special offer. Houston Hat Co., Dept. U, Houston, Texas

You Can Depend on These Sprayers

Don't waste your money on uncertain sprayers—the kind that are often out of order. The largest fruit growers use the "Hardie" because it's a sprayer with the trouble left out.



This Hardie No. 2 PowerSprayer has 150 gal. tank, all brass pump, 1½ h. p. engine. Weight 750 lbs. Price $180.00.

The Hardie Sprayers

are made in 25 different sizes and styles; prices $3.50 to $350. Our catalogue describes these sprayers, and shows you the best way to spray. It's free. Send for a copy.



Hand Outfit

THE HARDIE MFG. CO.
942 Mechanic St., Hudson, Mich.
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FREE TO FARMERS

A Valuable 160-page book entitled
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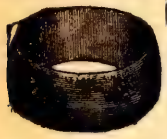


Written by 200 of the most successful Feeders, Farmers and Dairymen in the World. ☞ Every farmer in America should read this book, and as long as our supply of these books last we will mail one copy free to each person asking for it. It gives the actual experience of these farmers and in their own words.

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320 Union Building, Anderson, Indiana

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GOLD WEDDING RING FREE

Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the $1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring, not the cheap kind. Address, R. F. MOSER, 332 Household Bldg., Topeka, Kan.

exchange systems of marketing, they will organize local unions all over the country.

We have tried to show you, now we want you to show all your neighbors and the people as far as you can travel. They will eagerly aid in the organization of the Farmers Society of Equity and the establishment of the Equity System when they understand them.

Will you accept a commission and blanks and instructions to organize one or more local unions? Besides your work bringing its own reward to you and all members, you will be paid well, in money, for everything you do. Fill out the blank below.

FARMERS SOCIETY OF EQUITY

Indianapolis, Ind.

Get this Genuine Alectride Tool Grinder on Free Trial



10 Machines in 1

Hard Enough to Scratch the Diamond

Harman Supply Co., 160 Harrison St., Dept. 36 55, Chicago
Please send me free and prepaid book'ets explaining your free trial offer of your Alectride Tool Grinder.

Name .....

Address .....

No letter necessary! merely send the coupon.

Sharpen your tools at my expense. I want to show you that the ancient grindstone is a back number and that the emery wheel is a menace. I want you to try positively free this genuine Alectride Farm Tool Grinder. Alectride is the only true abrasive. **It will not draw the temper from steel;** it will sharpen the dullest tool in from 3 to 5 minutes, when the grindstone would take half an hour. Alectride **never** wears out. It does not glaze over. I want to send a few of these machines out on **Free Trial** in every part of the United States. I want to put one in every locality. I want you to clip off and send the coupon at the upper right hand corner of this announcement and I will mail at once circulars explaining every detail of the offer I am making here.

I Don't Want You to Send Me a Cent of Your Money. I Don't Want Any Promise

I merely want to place this Genuine Alectride Grinder on your farm for a few days. Sharpen your dull axe, your dull scythe, your dull corn knives, your dull cold chisels, or hatchet, or any dull tool you have. See how quickly and how easily it is done. See how Alectride (made of the substance of precious stones) sharpens your tools in from one-fourth to one-twenty-fifth of the time required by a grindstone and does not heat nor draw the temper. Do all this—give this machine the most severe tests—then unless you think that you positively cannot get along without this Alectride Tool Grinder, send it back at our expense. We'll ask no questions. We'll take it back without a word, and we'll pay the transportation charges. Now send the coupon. Let us tell you all about this wonderful abrasive and our free trial offer.

Remember—Alectride is really manufactured precious stones. It is even *harder* than the hardest diamond. Alectride will scratch a diamond and cut glass like a knife cuts an apple. Send the coupon today and get full explanation of our Great 10 Day Free Trial Offer. Do this now. Do not delay.

Harman Supply Co., 160 Harrison St., Dept. 3655, Chicago, Ill.

10 MACHINES IN 1
1 One Sickle Grinder Wheel
2 One Fine Grinding Wheel
3 One Coarse Grinding Wheel
4 One Harman Special Oil Stone
5 One Saw Gummer
6 One Sickle Holding Attachment
7 One Scythe Stone
8 One Harmon Special Razor Hone
9 One Disc Grinding Attachment
10 One Tool Rest

This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

Q. I have a bushel of mustard seed I wish to sell. Can you help me to sell it or tell me where I can sell it.—James Blaine, Huntsville, Ky.

A. Ship it to Herndon-Carter Co., care of Equity System, Louisville, Ky.

Q. I am a reader of Up-to-Date Farming and I think it is the best paper I take or read. In treating on farm topics, and for the man on the farm, there is a great deal in Up-to-Date Farming if the farmers would only stop to think just one moment and take heed for their own good. But I wish you would tell me what is the matter with the representative from your state (Beveridge)? What does he mean by urging free trade with the United States for Canadian farm produce? What do you think about it, if this proposed agreement is made?—Jas. Danzeisen, DeVaul, N. D.

A. I believe that Senator Beveridge does not understand agriculture well enough. I believe he is honest, but is misinformed and laboring under a wrong understanding of our agriculture and what must inevitably result if Canadian farm products are admitted to this country free. What we think about this proposed agreement, you can gather by reading any number of Up-to-Date Farming. We are sending our paper to all of the senators and congressmen. If they will only read it, some of them may change their views on this important proposition before it finally comes to a vote for passage in the senate.

Are You Nervous

Nervousness is often merely a sign of physical weakness, an indication that the body is out of Tone. Bodi-Tone, which is offered on trial to every reader, has proven of immense value in nervous exhaustion, tired nerves, jangling nerves and shattered nerves, because its action in toning the body is just what is needed in the big majority of these cases. See trial offer on the second page.

All kinds of potato planting and harvesting machinery is made by the Champion Potato Machinery Co., 117 Chicago Ave., Hammond, Ind. Be up-to-date and have the best money making machinery. It pays in dollars. Write for catalog.

APPLICATION BLANK

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I, ...of .....P. O.

Rural Route .....County ..... State .....

hereby make application for a commission to organize a local union, or local unions at the following town, towns or cities: .....

.....

Please Supply the Information as Follows

My age is..... years. My business is..... Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?.....

How much time can you give to the work?.....

I give as reference:

.....

Please make the attempt to put in one local union at least.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

Agents Wanted

AGENTS EARN $100 PER month and establish a life income working right at home as local agent for our Dr. Williams Pure White Antiseptic (vegetable) soap, perfumes, etc. Write quick for special offer and profit sharing plan. The Williams Soap Co., Dept UF, Indianapolis, Ind.

AGENTS WANTED to sell mottos and show cards. Send quarter for samples. For sale, nameplate machine, $35.00; cost $100.00; moneymaker for fairs. Send name and nickel for sample. 1864 North Leavitt St., Chicago.

SALESMAN WANTED—To sell trees and plants. Free outfit. Commission paid weekly. Write for terms. Perry Nurseries, Rochester, New York.

SALESMEN wishing to earn three to five dollars per day, write for terms immediately. First National Nurseries, Rochester, N. Y.

Farm Lands For Sale

CENTRAL MINNESOTA—100 improved farms, low prices, easy terms, "Good Title Always:" write for list; mention this paper. C. D. Baker, Fergus Falls, Minn.

FOR SALE—12 western Minnesota and eastern South Dakota improved farms, containing from 113 to 620 acres. Prices from $40 to $55 per acre. Small payments down, balance 10 to 15 years, at 6 per cent. Very choice lands. Good reason for selling. Albert D. Snow, 151 Washington St., Batavia, Ill.

HOMES in healthy West Florida, $20 per acre; part pay in crops; "Facts About Florida," free. W. S. Reeve, Pensacola, Fla.

MICHIGAN FARMS and resort property, all kinds and sizes; terms or cash. Large list free. Isaac Kouw & Co., Holland Mich.

WISCONSIN FARM LANDS in Marinette County. The chance of a lifetime to get good land cheap—$7.50 to $20 per acre—liberal terms. Clay loam soil; near city markets.

GREATEST GRASS and clover country on earth. Write for new booklet. Skidmore Land Co., Box 56-A, Marinette, Wis.

Farms Wanted

FARMS WANTED—We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help locate desirable property Free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL YOUR PROPERTY write Northwestern Business Agency, Minneapolis.

For Exchange

FOR EXCHANGE—Equity in 5-room house and lot, 41x139, in Indianapolis; new addition on north side; most desirable section; will double in value next 3 years. Several shade and fruit trees been set three years. Can be made a beautiful home. Want to trade for poultry and fruit farm worth about $600 near small town. Address Box 10, 227 W. Washington St., Indianapolis.

2,000 PROPERTIES TO EXCHANGE—Everywhere. Send description; deal direct with owner. Graham Bros., Eldorado, Kan.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

Ginseng

GINSENG, one of the largest paying crops. My Ginseng Culture for 10 cents, tells how successfully grown. W. N. Long, Florence, Ky.

For the Home

A HANDSOME SILVER PRESENT, given absolutely free to every lady sending a stamp for postage. Address E. P. Harrington, 417 E. Fourth St., Cincinnati, O.

HOME CANNING outfits for housekeepers, farmers, fruit and truck growers; the best outfit at the lowest price. Cans, labels, etc. Write today for free catalog. Raney Canner Co., Texarkana, Ark.-Tex.

Help Wanted—Male

CIVIL SERVICE EXAMINATIONS open the way to good government positions. I can coach you by mail at small cost. Full particulars free to any American citizen of eighteen or over. Write today for Booklet E339. Earl Hopkins, Washington, D. C.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-operative Real Estate Company, L511 Marden Building, Washington, D. C.

YOU ARE WANTED for Government positions, $80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming year. Influence unnecessary. Send postal immediately for list of positions open. Franklin Institute, Dept. K27, Rochester, N. Y.

Patent Attorneys

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PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

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BARRED ROCK and Indian Runner duck eggs; stock of prize winners, $1.50 per 15. J. W. Powers, Waddy, Ky.

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SEED POTATOES—Sound and pure, illustrated catalog 70. Popular Varieties free. Arthur Aldridge, Fishers, N. Y.

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SCIENTIFIC AND PRACTICAL FARMER—Educated Kansas State Agricultural College and Cornell University. Desires position with land owner as manager. Experienced in fruit growing, general farming and labor saving machinery. Present contract ends in May. Capable of handling a large proposition on a scientific and up-to-date business basis. R. R. Keely, 31 Harvey St., Halifax, N. S.

Miscellaneous

WIRE FISH BASKETS FOR SALE—Price $1.50 with order; send for circular. W. A. Jester, Griffin, Ga.



1,000 TELESCOPES ALMOST GIVEN AWAY

Thousands of Testimonials—Read These Reports. Results are Wonderful.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the telescope over into the Kansas Indian reservation, nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that can not be seen with the naked eye; can see the color and count windows with the telescope.—F. G. Patton, Arkansas City, Kas.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope all right. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Manuel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kas.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain, which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another.— G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture one-half mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Cal.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Cal.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honson, Meridian, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange. Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

I wish to say that I never saw such a bargain. I am sure it is the best dollar investment I ever made.—Mathias Brown, Batavia, Ill.

I think it is better than a five dollar telescope. I am sending for another for a friend.—Thomas Mosman, Huffard, Iowa.

Received telescope all O. K. and am well pleased with it. I am sure it is worth the money I paid for it.—B. F. Payne. Vigo Park, Texas.

Received telescope and think it fine. It is a beauty.—Norman Kulow. Groveland, Mich.

We are very much pleased with the telescope.—Nick M. Christiansen, Charlotte, Iowa.

SEND FOR YOURS IF YOU WANT ONE

WHEN OPENED MEASURES 3½ FEET LONG—GREATEST TELESCOPE OFFER EVER MADE—OPPORTUNITY OF A LIFETIME TO GET A GUARANTEED INSTRUMENT

This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



A Kansas Farmer Counting Stock Twenty Miles Away.

Positively such a telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. It measures closed 12 inches and opens to 3½ feet long, in five sections, circumference 6 inches. They are brass bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishing clearness.

The "Wonder" telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.



Could Discern Boats from Five to Ten Miles Away.

Buy Your Boy a Telescope

Interest him in the study of the planets. Let him experiment with lenses and reflectors. Some genius will harness the sun some day and with his warm rays heat our dwellings and generate the steam that runs our factories. It may be your boy, if he is given a few ideas now to think about.

There are always many new and interesting changes in the Planets, Eclipses, etc. You need a telescope to study them. The only question for you to consider is: Do you want a telescope? Do you want to see things at a distance? Do you want to study the Planets? Then trust in us implicitly, and send us your order, and we will guarantee you perfect satisfaction or money refunded.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

No matter what you think about the price, you will be surprised with the "Wonder" telescope; every body is. Of course, you will think we can not deliver a good telescope to you for this price. But we guarantee to do it or refund your money.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be the first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers. Over 5,000 of its readers already have a "Wonder" telescope. We want to introduce it to 5,000 more.

FOR BIRTHDAYS Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

Peoples Wholesale Store, Dept. K, Indianapolis, Ind.

Today Mail This Coupon

You will be surprised and delighted with the "Wonder" telescope. If it does not please you all you have to do is to return it and back goes your money.

Write to These People; Don't Take Our Word for It. Read What Others Say.

Received the "Wonder" telescope and it certainly is a dandy. It is all you claim for it and then some. I trained it on the Buttes, near Chadron, 28 miles away, and they looked as though they were only about 2 or 3 miles instead. I can count the stock in one farmer's yard 4 miles away. And tonight I watched him drive up his stock at sundown.—Chas. A. Storey, Ft. Robinson, Neb.

I wish all to know how satisfactory the "Wonder" telescope is. Our farm is on a hill and we can see ten miles away. Can see the city of Elgin and count the windows in each house which can not be seen with the eye.—Henry Conner, Manor, Tex.

Your "Wonder" telescope received some time ago. I am more than pleased with it for the little amount of money. Send me one-half dozen by express for money enclosed.—G. C. Paul, Gregory, S. D.

I received telescope and was very well pleased with it. It was just as you advertised. Well worth the money.—Otto Hudres, New Albany, Ind.

I received telescope sometime ago. It's a dandy. I do not think it is, or can be surpassed by any glass. I showed it to one of my friends the other day, and he liked it so well that he wanted me to get him one like it.—John N. Kurtichanor, Chitwood, Oregon.

I received the telescope and tried it to my satisfaction. Live six miles from McDade and can see the children playing in the school yard. It is really finer than I expected.—P. H. Henington, McDade, Tex., R. 2, B. 25.

I received my telescope all right and am well pleased with it. I have had a heap of fun with it. I could have sold it several times but would not take twice what it cost. —Jay W. Thompson, Voss, Tex.

Received the "Wonder" telescope in good shape and am well pleased with it.—P. H. Tona, Milltown, Ind.

Telescope is at hand and it is a beauty. Would not take ten dollars for it.—Stanley Sheppard, Fonde, Ky.

I received the telescope and am very much pleased with it. It is well worth the money I paid for it.—Roy Bennet, Charlotte, Mich.

Received telescope O. K. It s a beauty and I like it fine. Arthur Harms, Ranola, Ill.

Received my telescope O. K. I am well pleased with it. Accept my thanks for same. I think it is a bargain for the money.—Frank T. Peterson, Atlantic, Iowa.

Received telescope all O. K. I am much pleased with it.—Wm. Wagner, Moline, Ill.

I received the telescope and was very well pleased with it. It is very nice. I think it is just as good as one that costs more.—A. C. Sillibridge, Cross Fork, Pa.

I received your fine telescope today.—Daniel J. Kane, Montrose, Pa.

I received the telescope. I think it is well worth what it cost.—G. W. Hurst, Wellons, Colo.

The telescope I received is all you claim for it. I am well satisfied with it and so are all who have seen it. I have great pleasure in looking at the neighbors' houses and near cities and towns. Yes, I am well pleased with it. It is almost worth ten times the money I paid for it.—George Mihlberger, Olensville, Tex.

I would not take what I paid for it.—Herman Korneman, Cameron, R. R. 1, Mo.

The telescope is just as you represented it.—D. L. Gregory, Hurley, Okla.

I received the telescope all right, and it proved to be satisfactory. I am well pleased with it.—Mrs. Bessie Houston, Jamesport, Mo.

PEOPLES WHOLESALE STORE, Dept. K, Indianapolis, Ind.

Enclosed find $..... for which send me one "Wonder" telescope, as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

Pass This Paper to Your Neighbor---Make It Circulate



Volume XIV | JUNE 1, 1911 | Number 11

1911 June 1911

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 3d	F. M. 11th	L. Quar. 19th	N. M. 26th	1	2	3
4	5	6	7	8	9	10
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18	19	20	21	22	23	24
25	26	27	28	29	30	

Up-to-Date Farming
PUBLISHED TWICE A MONTH
EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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1911 Campaign to Organize Farmers

Under the Direction of the Farmers Society of Equity

A LOCAL UNION AT EVERY MARKET TOWN AND CITY

IN OUR last issue we printed the contents of a circular that we send to people who apply for positions as organizers of the Farmers Society of Equity and followed it with an "Application Blank" for our readers to use, who sought such a position.

A large number of the blanks were returned and thus a fine corps of new organizers have already been commissioned. But we want a great many more. We want an organizer in every farm community; or county or district organizers who will canvass many communities.

This cause we are promoting is the people's cause. The time is now ripe for a union of all the co-operative agricultural forces wherever they exist and to organize new bodies where there are none. Never in the history of agriculture in our country has there been such a universal seeking for co-operation by the producers of crops. All that has held them back was lack of the right plan. But this is positively supplied by the Farmers Society of Equity.

Every good feature and object embodied in any former farmers' organization is included in the F. S. E., while this society is the first one that ever had a practical and successful plan for marketing, which when completed will make farmers complete masters of pricing their own crops. This Society makes the ideal conditions for farmers to buy co-operatively which was the great purpose of the Grange and which gave it millions of members. Now add to this the successful selling feature, and others, and the new Society should spread and give benefits as none ever did before.

Every man and woman must be deeply interested in this movement, and, as it is seeking entrance into every community, thousands of them ought to enlist in the work at once.

To make the benefits of the Society clearer to our readers, we reprint another circular that we send to organizers. This one is intended to explain the benefits of a local union to any community.

Read it carefully and then send the coupon without delay. We will send your commission and full instructions at once.

Organizing for the farmers Society of Equity is very agreeable work and can be made very profitable. But our terms, which we send to those who send the coupon, will explain.

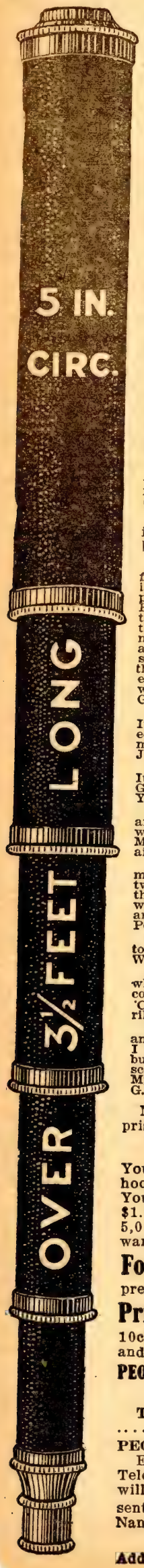
The contents of the circular will be found on Page twenty-two.

(Continued on Page 22.)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD
It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.
400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

To Introduce Our Big New

Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



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Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

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See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

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I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

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Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

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It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for My friends want to buy.—Mer-G. Folk, Elk Lick, Pa.

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Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

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PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.
Name .....
Address .....



Mostly Roses

Let Me Give You These 10 Lovely, Rich, Embossed Post Cards

JUNE is the month of roses. Nothing could be more appropriate than to have beautiful rose post cards for your correspondence in this month of roses. I guarantee that you may search all the post card stores over and you can not find a collection of more beautiful cards than I now offer to send you.

They are produced by 12 printings on fine, heavy card board and are all embossed. The roses and flowers rival nature in exquisite colors and tints. So real are they that they might almost be mistaken for real roses if they had fragrance. They also contain the language of the flowers and an appropriate verse.

THIS IS MY GREAT OFFER

Send a three months' NEW trial subscriber to UP-TO-DATE FARMING with 10 cents and I will send you the set of 10 cards. Get a friend to give you 10 cents for the three-months' subscription, or you pay the subscription for a friend. Either way. We guarantee entire satisfaction or will return the money and ask no questions.

My object in making our present readers this splendid offer is to introduce UP-TO-DATE FARMING into new homes. I want it to reach every farmer's home and it will prove a greater help than any other farm paper printed. A 3-months' subscription is 6 issues.

The only condition I make is that the trial subscriber must be a person not now on our subscription list. Fill out the coupon and send right away and you will get your reward which you will be wonderfully proud of.

For each additional 3-months' trial subscriber I will send 10 more cards, but all different. Make your club as large as possible.

THIS IS THE COUPON

J. A. EVERITT, Editor
Up-to-Date Farming, Indianapolis, Ind.
Please send me the set of 10, MOSTLY ROSES, post cards as offered in June 1, paper and Up-to-Date Farming three months to the new subscriber below. I enclose 10 cents.
My Name .....
My Address .....

New subscriber's Name .....
Address .....

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

Re-entered as a Semi-Monthly publication as second-class matter, January 20, 1908, at the Post-office at Indianapolis, Ind., under the act of Congress of March 3, 1879.

Volume XIV | INDIANAPOLIS, INDIANA, JUNE 1, 1911 | Number 11

EDITORIAL

The Cost of Distribution

THE high cost of living has induced a great deal of investigation, and, as usual, the investigation takes as many different directions and arrives at as many different conclusions as there are investigators, and almost all of them run wide of the mark in line of investigation, in facts discovered, in reasoning employed, and in conclusion arrived at.

For instance, it is admitted in intelligent circles that the high cost of living it not the result of high prices paid the farmers, because the prices farmers receive are confessed to be moderate, at the highest not high enough to bring the farmers' income up to a level with the reward bestowed upon people engaged in other business. It is also admitted that increased production, larger crops, will not remedy the evil nor will it add to the income of the farmers. The general crops of 1910 were the greatest ever produced, yet the cost of living was not materially affected by those great crops, though the farmers failed to realize as much for them. According to Secretary Wilson's figures the great crop of 1910 was worth about a billion dollars less than the smaller crop, though it, too, was large, of the year before. These admitted facts certainly do establish the truth that to find the source of the high cost of living it must be sought somewhere between the farmer and the consumer.

Investigation is beginning to take that turn. A Kansas bureau is to try to find out why eggs cost the retailer so much more than the producer gets. Why stop at the retailer? Extend the line one point further and ask why eggs cost the eaters so much more than the producers get; for it is a fact that in many cases, especially in the cities, the retailer's addition to the price is one of the largest.

But we agree with the Woman's National Weekly, that there is no reason why this investigation should be confined to a single article. Its subject is the cost of distribution, and the high cost of living involves every article that enters into the living. The paper quoted declares that consumers are paying for everything they use from fifty to two hundred per cent. more than the producers receive. If that is true the source of the high cost of living is easy to find, and it ought to be easy to remedy. It is the building up of price, the laying on of profits, between the farmers and the table of the consumers. It is a defect in distribution, that is, a bad marketing system. Here is where we have sought it from the beginning, and where we have unquestionably found it; but most other investigators and writers refuse to so consider it. Either the influences that support the present marketing system, or that profit by present methods of distribution, hold investigators in subjection or in some way divert their action and silence their voices. Were it otherwise every investigation would inevitably lead to the same result and bring a united demand for a new and better marketing system, a system that delivers to the consumers the required products direct from the farms by the quickest and cheapest routes, and in response to an actual and genuine demand. We know such a system is practical and that it is easily effective because it is already in operation with the results we have claimed for it.

Aldrich and Finance

IT SEEMS to be a universally accepted fact that Mr. Aldrich, of Rhode Island, is the friend of the monopolistic interests, and that, in the Senate of the United States he was as much the representative of these concerns as he could have been had he been chosen by them for that purpose instead of by the people of the state to represent the general interests and people of the whole country. Some months ago, as the head of a monetary commission, he went abroad to study financial systems in other countries. No one expected him to make any report, or to suggest any plan that would not be in the interest of the banking concerns and give them more complete control of the money of the country. When his plan was made public it was found to be exactly as predicted, and it created considerable discussion at the time, but no one regarded it as in the interest of the people except as the financial institutions, the concentrated wealth, and the monopolies and trusts are considered "The People."

Hence, it is no matter of surprise that the American Bankers' Association, at Nashville, recently, unanimously endorsed the Aldrich monetary plan. When the roll was called for a vote, we are told, "of all the financiers present not one voted 'no'." It would have been strange if they had. It is seldom one says no when it is proposed to toss him an apple instead of a lemon.

But how will the people vote?

Oh, they will vote for congressmen, and some will vote for Paul and some for Apolus, with little thought of what is to be voted on at Washington; and the congressmen thus elected in miscellaneous and party fights, will vote when they get there, just as they so nearly always do, in the interest of those that make the most noise, have the most money, and can exercise the most influence. Thus the "Interests" win, and precisely so will the financial institutions win in this effort to increase their hold upon the money of the country. Our money is our medium of exchange, our evidence and instrument of prosperity, a representative of value that rewards every effort made by our people, and whoever controls our money controls all that money represents. If the money is controlled by an organized few, as it even now is, that organized few can dictate the terms upon which everything is done. Make that control more absolute and the power to dictate immediately becomes more obsolute. We have a government of the people, and we are proud of those words, but whatever the government may be of, the rule is of the few over the many, and every turn of the wheel increases the power of the few and makes more abject the many.

But the many are to blame. They have lost confidence in each other, and quarrel among themselves over silly things of little import. They bend the humble knee before leaders that know them only at voting time, and, of course, they are little regarded in the hall of legislation or in executive mansions. We do not advocate revolt, not even political revolt, but we want enough of the independence to make friends of neighbors so that right things may be discussed in the spirit of good for all, that the interests of all may be served in curtailing the rule of the few and restoring the power of government to the many. A tremendous responsibility for this kind of action rests upon the farmers.

Need of Farm Organization

HOW can we emphasize the need of farm organization? The organized interests pay no attention to agriculture. It is not their business, and they are concerned in it only as it is the source of their necessary food and clothing supplies; and with this knowledge, though vague and ignorant of effects, if they take any interest at all in agriculture it is to reduce prices of farm products imagining that will reduce the cost of their necessary supplies.

The principal effort of these organized interests is to increase their own rewards by holding production well in hand and marketing in such a way as to compel remunerative prices. Practically all the interests but those of farming are so organized, and the dullest farmer ought to be able to see what a disadvantage that places him under.

We repeat, therefore, that it is necessary that the farmers be organized; not merely for fun, amusement, sociability and recreation; not alone in neighborhood clubs to promote some special purpose; not merely to combine in the purchase of needed commodities; not alone to control even the marketing of certain products in restricted localities. These are not enough. What the farmers need and must have if they get from under the great disadvantages that have so long neutraliized their efforts and robbed them of equitable reward, is a business organization, one that reaches the core of the evil—that includes all the little things so long and so earnestly sought, but that in its strong arms and upon its broad breast, carries every interest of farming, and guarantees to each soil tiller and food producer all advantages enjoyed by other organized interests, bringing this class of production to an equitable level with other callings—only this, no less or more. The most selfish must concede the justice of that, and the most ignorant must realize the necessity for it.

Then why are farmers so slow to act, so diffident in a matter of such vital importance, so prone to go after little things and narrow methods that can avail nothing? We wish we could awaken that broad spirit that comprehends things, open eyes that see the distant end as well as the near beginning, arouse an ambition that must stimulate to such action as will lead to the great result labored and prayed for.

We ask no advantages for farmers. We are willing to accept our calling as God gave it to the human race, and to perform the tasks that go with it; but in doing that we demand a reward in proportion to what is received by those who do other things. Our constant appeal is for the farmers themselves to help us in this great accomplishment—to help us to educate, to organize, and to introduce nation-wide systems that will make farming a lucrative as well as an attractive and beneficient business. Will you respond?

What the Field Is to Do

FARMERS are intelligent people, and farming is an intelligent occupation. There is something definite for everything to do, and there is a reason, or ought to be, an intelligent reason, for everything done on the farm. The farmer who does not know why he does things, may be successful, but he can not be a really good farmer.

For instance, a field is to grow plants and mature them, resulting in useful products. This is the duty of the field and the work that lies before it. If it fails to thus do its duty it is a worthless part of creation, and the world would be as well off without it. But the field can not perform this work by itself, and it must have the help of the farmer. That is the object, and the only object, of the work done by the farmer in the field. If he notes that the ground is too wet, and he makes a ditch to draw off the surplus water, it is not that he cares for the water, or that he likes to see a ditch; it is to help the field produce. When he plows and prepares a seed bed, it is not that he specially likes the work or that he has any desire to give the seed to the ground, but he has learned that thus pulverizing the soil enables it to perform its duty better, and he gives it the seed because he knows it must have something to start with. Neither the richest soil nor the most skilfull man can make something out of nothing. When he plows and cultivates the growing crop, his sole purpose is to aid the field in doing its work, in making a more luxurious growth of the plants it is building that there may be an increased production at maturity—that the duty of the field may be more effectively discharged. If he notes the growth of weeds, and uproots them it is only to help the field—to relieve it of extra and unnecessary burdens that its entire energy may be given to the work required of it.

The thinking farmer lives in the midst of thought and reason, and everything he does he should realize why he does it. It is not because his father did so, or his neighbors do so. Everything is done for a purpose, and if he considers the purpose his work will be more intelligently performed.

"The Farmers' Free List"

THE Democrats in the American House of Representatives tumbled over one another to vote for the Canadian reciprocity agreement that admits Canadian farm products free to the markets of this country in competition with the products of our own farmers. They did this, of course, in obedience to the demands of the protected interests that are monopolizing manufactured goods; but they felt that it was necessary to placate our farmers for this bold defiance of American agriculture. So they have made out and presented to the House what they call the Farmers' Free List; pretending to take duties from articles farmers buy. There may have been a time in the past when farmers could be fooled in matters of legislation, but we trust they are wiser now. A more palpable attempt to deceive was never made in the American Congress. Could this bill be made a law it would be very little benefit to farmers, could not begin to offset their losses from the reduction of prices caused by the free admission of Canadian products, but there is not one of these congressmen but knows such a bill can not be passed. Not one of the men that are now howling for it expects it to pass; their only object is to deceive the farmers. UP-TO-DATE FARMING told them in the beginning that their wise course was to bring in a tariff reduction measure ahead of the reciprocity agreement, and make their support of reciprocity depend upon the tariff barons' support of proper tariff reduction. That would have made them masters of the situation, and would have indicated at least a degree of sincerity. But they hastened almost unanimously to adopt the reciprocity agreement, and then brought in their tariff measure as a sop to their farmer constituents. They knew the Senate wouldn't pass it, and their only object was to manufacture something for use in their future campaigns, declaring to the farmers that they tried to pass a relief measure but the other fellows wouldn't do it. They will make that argument to induce the farmers to elect more of their kind, and we hope our readers will save this copy of Up-to-Date Farming, and whenever these arguments are made read this article publicly to the people. Of all things, we most abominate hypocrisy, and we resent this dastardly attempt to deceive the farmers of the United States. It it enough for the farmers to stem the adverse currents that naturally come to them without this bold attempt by men they have trusted to make them believe they are serving their interests when they know they are not.

The Canadian View

IN AN address April 19, in the House of Representatives, against the Canadian agreement, Hon. Joseph G. Cannon, late speaker of the House, to show that the measure is wholly in the interest of Canadian farmers and against those of the United States, and that Canada so understood it, quoted from the Canadian prime minister, Sir Wilfred Laurier:

"We (the people of Canada), are above all an agricultural people. Our chief wealth is the growth of these products of the temperate zone. What are they? Fruits, cereals and vegetables; and it is our boast—not an idle boast, but a boast founded on actual experience—that in cereals, vegetables, and fruit we can, without exaggeration, beat the world. All that we ask under these resolutions (the reciprocity agreement) is to obtain for the man who works in the (Canadian) field the best possible remuneration for his labor."

It is to get better remuneration for the Canadian farmers at the expense of the farmer of the United States. How? Mr. Cannon again quotes from the head of the Canadian government:

"I stated a moment ago that the agreement we made is simply to get better prices for the products of the Canadian farmer."

Just so; by passing their products free across the line into our markets to sell in competition with our farmers. We do not blame Sir Wilfred Laurier, head of the Canadian government.

And, he might have continued, that market is opened to us by this agreement.

The reasons why the Canadian premier should favor the agreement are the very reasons why we should oppose it. Canada has a surplus of agricultural products and live stock, a surplus limited only by their ability to market it. This agreement places at their very doors the greatest market in the world. We also have a surplus of those same commodities. The agreement does not open to us a market, but it floods our markets with Canada's surplus, the inevitable effect of which must be to glut our markets and destroy our prices. A similar attempt was made in 1892, but Mr. Harrison, who was then president, promptly turned it down, declaring in a message to Congress, "The benefits of an exchange of natural (soil) products would be almost wholly with the people of Canada." President Harrison favored his own people rather than those of a foreign nation. Whatever Americans, in office or out, in House or Senate, without regard to position or party, are responsible for this measure should be held to that responsibility and made to answer for it at the polls.

Farmers Institutes

DATES are being arranged and plans made for holding farmers' institutes during the approaching autumnn season in all parts of the country. It is well. Let the farmers get together. There are many things about farming that B would be glad to know, and B knows things that would be a great benefit to A. Talk these things over and do not hesitate to express yourselves. Don't depend altogther upon the experts; teach each other things you saw and learned between the plow handles and in the feed lots.

But what is the object of the institutes? To induce better farming, to give farmers better rewards, and make agriculture a greater business. Does that require anything but the production of crops? In what kind of a season are farmers most prosperous, in seasons of big crops or of good prices? Are not the profits in the price rather than in the yield? The yield depends upon hard work, rich soil and good seasons; price depends upon wise selling through sensible marketing system, a system that will take the stuff directly to the demand and get the price paid by the consumers, the cost of the shortest hauls and least handling only deducted. Such a system is practical and in many places is in actual operation. Ought not this to be a leading subject at the institutes; and we assure you the marketing is the most important side.

At First They Saw Co-operation But Dimly

But Now It is as Clear as Day—Gradually the Equity System is Being Endorsed Everywhere

WE ARE glad to reprint the following from the Texas Farm Co-operator. It was written by Mr. W. A. Strickland, of Eunice, N. M. It refers to an effort made in the cotton growing states to market co-operatively. But, like so many other efforts, the plan lacked one essential thing—a central head to receive reports of supply and demand and to direct the supply to the demand. A farmers' co-operative movement to market crops without such a central head is like a watch without a mainspring. Mr. Strickland said:

What is co-operation? It is defined as the act of working together to one end, concurrent effort of labor. To co-operate is to act together in producing the same effect. Now, having learned what it means and after due consideration we had decided that the principle applied to the marketing of our cotton and other products would enable us to control the markets, we cast about for a plan.

Here comes an enthusiastic orator who holds us spellbound for an hour or more in which he tells us the solutions of the whole marketing problem is the co-operative warehouse system. His speech is logical and we determine to try out the plan. We get busy and build a warehouse in every town and hamlet in the cotton belt and look wise and say, "Now we have a co-operative warehouse system and we're going to be in control of the market right away. "Well, our houses completed, each bunch of farmers proceeds to draw up a set of rules for co-operation among themselves.

Now, we are open and ready for business. The farmers begin to haul in their cotton and place it in the warehouse to be sold "co-operatively." In their mind's eye, they look to the East and see the rising sun of prosperity and emancipation from the tyranny of the speculative world, pushing his golden rim up through the fog and mist of mortgages, poverty, ignorance, bearish speculation and across his broad disc they read:

"Co-operative warehouses will place the farmers in control of the market."

Such expressions as these are common:

"Oh, we've got 'em on the run now."

"No street scalper can ever stick his knife in a bale of my cotton again."

'Our local has resolved to never sell another bale of cotton in the street."

"Our warehouseman is instructed to sell our cotton direct to the spinner buyers."

"The farmers are going to control the market now for sure."

Now, my brother, that was the situation four or five years ago. What has become of that golden rimmed sun rising with so much promise? What has become of that resolution to sell only to spinner buyers? Why have so many of those warehouses been relegated to the scrap pile? Was it because the co-operative principle was false or that it could not be applied to the cotton market? Nay, verily. There is no principle in the philosophy of business economy that is more sound or more applicable than that of co-operation.

Then why this failure to solve the market problem and at the same time enable the farmer to come into control of the market? There are many men who may tell you better than I, but inasmuch as they haven't done so, I will try.

In the first place, the co-operative principle was not developed beyond the local market. These warehouses were composed of and patronized by men who were honestly striving to co-operate with each other and in that respect many of them succeeded. But there could be no co-operation between the different warehouses, for the simple reason that there was no machinery provided through which they could co-operate. Every warehouse was left to work out its own market problem singlehanded and, instead of co-operating with each other, they really become competitive in the open market. There, my brother, is your answer. Failure to achieve the purpose for which they were organized; i. e., to take over and control the market was the matured sequence.

Success would have been attained only by the superhuman overthrow of every scientific principle applicable to a well developed world-wide commerce. Thus we see that the principle of co-operation presupposses a complete system of intercommunication through a central head or directorate.

The separate units of its parts must be connected up and placed in harmony of action with each other, much like the machinery of a watch, all propelled by a single force to achieve a single purpose.

Without that system of intercommunication and central head your co-operative efforts are necessarily chaotic and ineffective. The importance of this system of intercommunication through a central head increases with the magnitude and geographical distribution of the enterprise undertaken. Hence, the rise and triumph of the great exchanges in the cotton trade. They came into being in response to a natural law of commerce applied to a great product whose magnitude runs into hundreds of millions of dollars in this country alone and whose geographical distribution is co-extensive with civilization. That they have become concerns of immorality upon the bodies of commerce and politics must not be construed to mean that they are not necessary or that they perform no service to the cotton trade, but is accounted for in the fact that they were formed by men for their individual profit and who made the necessity of the trade their opportunity.

Thus, gradually succumbing to the lust for wealth and not bound by the principles of Equity, Justice and the Golden Rule, they have degenerated into great gambling machines, justly bringing down upon their heads the wrath and combined oppositions of all honest men.

Now, my brother, we are all convinced that these dens of iniquity should be abolished, but suppose they were abolished tomorrow, what then would be the condition of the cotton trade? All must admit it would be chaotic, indeed, and that, if we do not have a system of exchange already organized and prepared to take care of the trade, another corporation of commercial thieves and gamblers will organize another one immediately and we will be no better off than now.

Emigration to Canada

EVERY year for several past, thousands of American farmers have left this country, crossed the line, and made their home in Canada. So rapidly has this emigration increased that it has become a serious problem in this country, and our law makers have been seeking means to check it. But the Canadian government has continued to hold out attractive inducements, and the emigration has continued to increase.

Suppose this emigration is weakening to the United States, and retards the development of our great northwestern territory, as it undoubtedly is, what could be done, either by this country or Canada, to give it greater impulse than the ratification of the Canadian reciprocity agreement? Thousands of farmers in the northwest, who would gladly have accepted Canada's offers to homeseekers have remained on our side for no other reason than that their products would have to pay a duty before they could enter American markets. Remove that duty and admit Canadian products free, and the last obstruction is removed, and the multiplied thousands who have held back will quickly cross the line, accept the homes offered then under the British flag, and cease to be citizens of the United States. Are our own statesmen prepared for that result, or is that a part of their program? There needs to be an accounting in Washington.



FLOCK OF SHEEP AND BARN ON FARM OF SUBSCRIBER C. B. BROWN, FAIRMOUNT, NEB. WHY SHOULD CONGRESS WANT TO INJURE MR. BROWN BY TAKING THE TARIFF OFF OF WOOL? IF THE TARIFF IS REMOVED WE WOULD HARDLY SEE A FLOCK HERE IN A COUPLE OF YEARS.

Cotton Cultivation in the Transvaal

Cotton Growers of America Should Organize to Maintain Equitable Prices as the Best Guarantee of the World's Markets

COTTON growers should profit by the experience of the tobacco growers and guard against a great expansion of producing territory. A few years ago tobacco growing was unprofitable. Then the growers organized, agreed on prices and for a few years compelled them to be paid. But, unfortunately they departed from the principles of Equity; such as this paper has always taught, in that they produce a condition that brought an unusual scarcity and allowed them to get extremely high prices for a crop or two. While producing this condition the buyers and manufacturers of tobacco turned to other fields and encouraged planting of tobacco. The result was that a new territory probably equal to one-third of the total old territory has engaged in producing the crop. The inevitable result will be overproduction until a great many growers are forced out of the business, or until the consumption is increased to conveniently absorb the product of the increased acreage.

Cotton has reached a price above sixteen cents a pound. This is not because of organization of the growers, but the result of speculation. It is an abnormally high price and buyers for legitimate needs are protesting strongly against the conditions that forced the price up. Every abnormally high level of price of raw cotton disturbs the plans of the manufacturers and the people who sell the manufactured products. Also it is a serious affair for the consumers, as the higher retail prices that are forced may continue for months or years after the raw material has declined. Appropos of our advice we print the following by Edward M. Gunsaulus, United States Consul at Johannesburg:

In the February number of the "Agricultural Journal" of the Union of South Africa considerable space is devoted to cotton growing in the Transvaal, an industry which for some time has been receiving the close attention of those in charge of the cotton division of the Agricultural Department of the Union.

That the Transvaal possesses large areas of land especially well suited to the production of cotton is an accepted fact, and experts have devoted considerable time in efforts to induce farmers whose lands are situated in those parts of the country where favorable soil and climatic conditions exist to give the plant a fair trial. These efforts, it seems, have been attended with no small measure of success.

Prizes for Transvaal grown cotton were offered by the Witwatersrand Agricultural Society at its annual exhibition held in Johannesburg in April and May, 1910, and many growers competed. The samples were sent to England and were judged by the British Cotton Growing Association, the first prize being awarded to a farmer in the Zoutpansberg district. All of the samples were favorably commented upon by experts in the center of the cotton manufactories of the world.

A yield test made with one of the varieties (Bancroft) of last season's crop at the Rustenberg Experiment Station, showed forty-three bolls to the pound. This is considered very good when it is remembered that until this season no systematic experiments had ever been conducted in the Rustenberg district. The results of the experimental work at Rustenberg are regarded as proof that the cotton belts of the Transvall extend even beyond the borders of the low veld. This is taken to mean that the source of supply will in time prove almost unlimited, instead of being confined entirely to the low veld, as was the general impression a few years ago.

Results at the Barbertown Experiment Station have also proved highly satisfactory. Some of these results are as follows: Yield of seed cotton per acre, Dougherty Big Boll, 1,292 pounds; Black Rattlin, 1,272 pounds; Cook's Long Staple, 1,224 pounds.

At the Tzaneen Experiment Station, in the Zoutpansberg district the results are said to have been equally satisfactory. Next season it is proposed to produce a commercial crop of cotton of about 500 acres at this station.

Estimating the total cost of production per acre at $9 and the value of the yield at $30, it is figured that the Transvaal cotton grower should realize a profit of $21 per acre on the crop, notwithstanding the fact that allowance must be made for the expense of shipping to England, which would be slightly higher than the cost of shipping to that country from the United States. Altogether it is conceded that the South African grower can not hope to realize quite as much for his cotton crop as does the American grower, nevertheless it is thought that the industry, once established, will prove a commercial success.

In order to afford a proper outlet for the products of the Zoutpansberg, which is the largest district in the Transvaal, about 360 miles of new railway construction is proposed by the government. This new line will serve what will probably prove the largest cotton belt in Transvaal, while the railway mileage to the coast will be reduced by about 200 miles.

The right kind of an organization in the cotton growing states would make and maintain fair, equitable, steady prices that would be profitable to the grower. Also being fair and steady, there would be a certainty about manufacturing and the sale of the manufactured goods that never existed before. Of course, speculation would be at an end, because where certainty prevails there can be no speculation.

GALVANIZED FENCE WIRE



$1.60 FOR 100 LBS. AND UP

This is our price for our No. 9 gauge Galvanized Wire Shorts. The terms Wire Shorts is to denote mill ends of regular fence wire. In the manufacture of wire the mills have lengths over that do not run continuously to a coil. We buy these under contract and put them up 100 pounds to the coil. As far as quality is concerned the wire is as good as any regular full length coils of wire. It is smooth plain galvanized. The lengths range anywhere from 25 to 150 feet, but we do not guarantee the lengths.

As near as possible we keep one or two gauges only to a coil. No farm is complete without one or two coils of these handy wire shorts. Extensively used by grape growers and for fence purposes. Sold as is, no come backs.

Prices per 100 pounds as follows: No. 9.....$1.60. No. 10.....$1.65. No. 11.....$1.70. No. 12.....$1.80. No. 13.....$1.85. No. 14.....$1.90. No. 15.....$2.00.

Barbed Wire: Fifty-four cars of four point Galvanized Hog and Cattle Fencing, catch weight coils, new, but somewhat weather beaten, per 100 lbs... $2.00

Twenty-Six Inch Woven Wire Fencing, brand new and first-class in every way, extra strong, per rod,... 19½c

Write for our Special WIRE CATALOG No. N.O. 204

CHICAGO HOUSE WRECKING CO., THIRTY-FIFTH and IRON STREETS, CHICAGO.

King Wheat Should Never Be Dethroned in the United States and His Crown Placed on an Alien Subject

THE following is taken from a folder issued by the City of Calgary, Province of Alberta, Canada.

It is a trite saying that "Wheat is the basis of all civilized existence." While there are more rice eaters than wheat eaters in the world, wheat is the chief grain food of the white man. There has been an almost universal increase in the individual consumption of wheat of late years. A few years ago the individual wheat consumer annually required six bushels of grain. The individual consumption today, however, is seven bushels per year. And while in 1871 the bread eaters of the world numbered three hundred and seventy-five millions, today they number five hundred and seventeen millions. In spite of the ever-increasing crop area of wheat, the point is gradually being reached when the world's production of wheat will not more than keep pace with the demand. While the production in the United States has doubled during the past thirty years, the tendency at the present time is not towards any continued expansion. At the same time the population of the United States is increasing tremendously, and the point will soon be reached when that great country will become an importing instead of an exporting country. Less than a century ago New York State was the chief wheat producing area of the United States, a fact that enabled Rochester to acquire the name of the "Flour City." The latter distinction is now held by Minneapolis, located 1,500 miles further west. The time will come when the City of Galgary will become the great flour producing center of the new Northwest.

We confess that we printed this to give us the opportunity to deny some of the assertions. For instance, while the acreage can not be increased very materially in this country the production can be increased two or threefold, thus meeting every demand that can be made on the farmers for the next one or two hundred years. To prove that production will respond to the call of the demand we need only quote some figures from the Year Book of the Department of Agriculture, as follows:

Average yield of wheat for ten years ending 1875, 11.9 bushels; for ten years ending 1885, 12.3 bushels; for ten years ending 1895, 12.7 bushels; for ten years ending 1905, 13.5 bushels; for five years, 1905 to 1909 inclusive, 14.6 bushels.

This shows a steady increasing yield per acre. As each bushel increase per acre means about 50,000,000 in the crop, and as it is practical to increase the average yield to thirty bushels or more per acre, if the demand will take it at a good price, the population end can do some wonderful stunts before it runs away from the ability of our wheat farms to produce. The wish of the writer of the quoted article above probably inspired the thought that the United States will soon become an importing country for wheat. Not for another century can this happen unless our law makers force it on us. Give our farmers the protection they have enjoyed and soon the abandoned farms in the Genesee valley of New York will be producing as fine wheat as they used to, but not with any intention to wrest the recently acquired title of the "Flour City" from the western rival.

May great renown come to the Magic City of Calgary, as there will if she contents herself with making flour for the hungry multitudes of Europe and Asia, and that honor and distinction will set more gracefully on her brow if she does not rob our city of her honestly won crown.

AN AUTO WAGON FOR THE FARM

Just as the automobile was accepted by farmers after it had made good in the city and is now finding its greatest use for farmers; so the auto wagon is beginning to be used more and more for farm work.

There is not a large retail or wholesale house in the large cities but that does most of its delivering in automobile wagons. It is quicker, cheaper and better than old ways with horses.

Many automobile manufacturers are turning their attention to the motor truck and farm auto-wagon. It is only a matter of a year or two until there will be a light farm auto wagon on nearly every farm. It can be used for business and pleasure.

Many good business farmers hesitate to invest a couple of thousand dollars in a touring car. It is money well expended because of the service it gives in the way of business and pleasure. But now that serviceable farm motor wagons can be secured for much less than a thousand dollars, these same conservative farmers are buying them.

A light farm wagon driven by motor will do scores of chores, besides it will take a load of four or five persons comfortably on a pleasure trip. It saves the horses. It saves time. Its first small cos tand low cost of operation is quite an item to consider.

Even the farmer who knows the value and the joys of owning a regulation touring car frequently buy one of these new light farm wagons. They cost les sto operate and save the more expensive car. They are better adapted to hauling loads to town than the pleasure car.

Just as you would consider any other time and money-saving piece of new machinery, look into the farm auto as a help to better farming.



HOME OF C. STAHL, GRAFTON, NEB., AN APPRECIATIVE SUBSCRIBER OF UP-TO-DATE.

GALLOWAY SAVES YOU $50 to $300



SAVE from $50 to $300 by buying your gasoline engine of 1¾ to 28-H.-P. from a real engine factory. Save dealer, jobber and catalogue house profit. No such offer as I make on the class of engine I sell has ever been made before in all Gasoline Engine history. Here is the secret and reason: I turn them out all alike by the thousands in my enormous modern factory, equipped with automatic machinery. I sell them direct to you for less money than some factories can make them at actual shop cost.

All you pay me for is actual raw material, labor and one small profit (and I buy my material in enormous quantities).

Anybody can afford and might just as well have a high grade engine when he can get in on a wholesale deal of this kind. I'm doing something that never was done before. Think of it! A price to you that is lower than dealers and jobbers can buy similar engines for, in carload lots, for spot cash.

An engine that is made so good in the factory that I will send it out anywhere in the U. S. without an expert to any inexperienced users, on 30 days' free trial, to test against any engine made of similar horse-power that sells for twice as much, and let him be the judge. Sell your poorest horse and buy a

5-H.-P. Only $119.50

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Write today for my beautiful new 50-page Engine Book in four colors, nothing like it ever printed before, full of valuable information, showing how I make them and how you can make more money with a gasoline engine on the farm. Write me—

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Your subscription or renewal and four friends, who you want to help, all for one dollar. That is, a club of five for only $1.00. This is a bargain that you ought to embrace.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the present term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$6 00@7 00
HOGS—At Chicago, per cwt. ..$6 00@7 00
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

IT IS gratifying to report that the news from Washington is less favorable to the so-called reciprocity treaty. The Senate has had time to look at the proposed Canadian agreement from all angles, and the more it is looked over the less it seems to appeal to many of the senators. If it were not that President Taft has set his heart on the agreement, and some senators don't like to disappoint him, it would never have had very good standing in the Senate body.

President Taft has not given any very good reasons for being so earnest for the treaty. That the Canadians are near neighbors, and speak the same language and are equal to us in intelligence should not be pleaded as an excuse for making a one-sided bargain. His argument that it will increase the volume of farm products available for our people and enlarge the markets for our manufacturers do not appeal to the farmers of the United States as being sufficient justification, although our millers and packers, a very small class numerically, will be glad to get greater supplies.

Since our last report all grains have made substantial advances in values, live stock has declined, also potatoes are much lower. As we write this the market for potatoes is in better shape, but the time for old stock is very short now and there seems to be ample supply to keep prices low to the end. Various factors seem to have operated to advance the price of grain, not the least of which, we believe, is the lesser probability of the Canadian agreement being made.

Farm crop prospects, including spring wheat, are good to very good, except in a few places which do not have an important bearing on the whole. Seasonable vegetables and fruit are usually abundant to the point of making prices too low in many cases. Apples and peaches promise large crops.

The following figures tell the market story:

WHERE WOMEN DRAW THE PLOW



WOMAN SUBSTITUTES FOR HORSES

A great many Russian peasants are going into western Canada, and as many of them are poorly equipped for farm operations, they work on the co-operative plan. These Russians settle in villages according to their custom in their native land and when there are not enough horses to draw the plows, the women of the village act as substitutes. It is said to be not an uncommon sight to see a dozen or more women attached to a plow by a long rope on which there are fastened at intervals sticks of wood which may be placed against the breast or across the arms to aid in pulling.

This is one form of competition our farmers will be obliged to meet if the Canadian--United States agreement becomes a law.

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on May 13, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	May 13 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	30,247,000	—2,772,000
CORN	9,162,000	—3,597,000
OATS	12,879,000	—1,659,000
BARLEY	1,335,000	— 388,000

The visible supply of grain in Canada on May 13, with comparisons are as follows:

WHEAT, 15,379,000 bushels. This is 3,500,000 bushels more than a year before.

OATS, 6,982,000 bushels. This is 447,000 bushels less than two weeks before and 794,000 bushels more than a year before.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	May 12 1911	May 5, 1911	May 13 1910
American	2,178,244	2,336,724	2,173,257
Other kinds	1,194,000	1,185,000	1,178,000
Total	3,372,244	3,521,724	3,351,257

The total visible decreased 312,420 bales in two weeks.

Price of cotton at New York, May 24.—Middling uplands, 16.00c; middling gulf, 16.25c. The price is 25c a cwt. higher than two weeks before.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on May 24, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

	May 24	2 Wks. before	A Yr. before
Chicago	98½@99¾	94¼@95¼	$1.03
St. Louis	94 @96	92½@93	1.13
Kan. City	87 @89	90 @91	1.01
Cincinnati	91 @94	92 @95	1.09
New York	96 @97	94⅞	1.05

CORN, No. 2, WHITE

Chicago	54 @54¼	53¼@53½	63½
St. Louis	54¼@55¼	53¾@53½	60½
Kan. City	51½	52 @52½	63½
Cincinnati	53½@54	56 @56½	62
New York	62	59	67

OATS, No. 2, WHITE

Chicago	35¼@35½	33¼@34	39
St. Louis	35½	31½@33	39½
Kan. City	35 @36	32½@33½	38
Cincinnati	35 @35½	34 @34½	39
New York	41	39	46

MINNEAPOLIS—Spring wheat, No. 1, hard, 91½c; No. 1 Northern, 96@98c.

Future Grain Prices

Chicago grain futures closed May 24 and two weeks before as follows

WHEAT—May, 99c; July, 87⅞c; September, 86⅞c; December, 88⅞c. Two weeks before, 93½c, 86⅞c, and 88⅝c, respectively.

CORN—May, 53¼c; July, 52½c; September, 53c; December, 51⅛c. Two weeks before, 52⅝c, 51⅜c, 52⅛c, 50⅞c, respectively.

OATS—May, 34⅜c; July, 34⅛c; September, 33⅞c. Two weeks before, 31¾c, 31⅞c, and 31½c respectively.

Chicago Produce Market

May 24, 1911.

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

POTATOES—Arrivals by cars with comparisons, follow:

	This Week.	Last Week.	Last Year.
Monday	42	68	72
Tuesday	25	23	57
Wednesday	21	16	49
Total, 3 days	88	107	178

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
X 2,870,000	X 2,158,000	—4,359,000
—5,085,000	X 5,355,000	—4,090,000
X 1,624,000	X 1,729,000	— 51,000
—1,730,000	—1,678,000	X 734,000

Market very quiet. Most of the stock now being offered is common or sprouted and sells at low prices. There was but little demand and offerings were fully ample.

Sales reported were: Wisconsin—1 car sacked showing rot, at 36c, 1 car sacked at 38c. Michigan—1 car at 37c.

Per bu. Michigan, round white, common sprouted .....$ 30@ 35
Fair to good ..... 38@ 40
No fancy stock offered.
Sacked bring a premium over, above quotations.
Wisconsin, fair ..... 35@ 40
Poor less.

NEW POTATOES—Strong and 5c to 15c higher. Triumphs sold today over a range of 90c to $1.10, outside for fancy. There was a sale of small Cobblers at 90c. Demand was active and there was an excellent business at the advanced prices. Receipts were moderate, about 30 cars.

Sales reported were: Texas Cobblers—car small at 90c, 1 car at 95c; Triumphs—4 cars at 90c, 12 cars at 95c, 10 cars at $1.00, 2 cars at $1.05, 4 cars at $1.10.

Per bu. Texas, Triumphs, choice to fancy .....$1 00@1 10
Fair stock, not large or clean 90@95
Very dirty, small and green.. 80@ 85
Cobblers, as to quality ..... 80@ 95

The price of old potatoes is 15 to 20c a bushel lower than two weeks before. The price of new potatoes is lower than two weeks before.

HAY—Scarce and firm. Demand good.

Choice Timothy Hay.....$21 00@22 50
No. 1 Timothy ..... 19 50@20 50
No. 2 Timothy ..... 18 00@19 00
No. 3 Timothy ..... 16 00@17 00
Kansas and Oklahoma Prairie, choice ..... 16 00@16 50

The price of timothy hay is the same as two weeks before. Prairie hay is 50c a ton higher.

BROOM CORN—Nothing new noted. Corn of good quality steady and moderate sale. Poor is dull.

Illinois Corn, per ton, depending on quality .....$ 80 00@120 00
Oklahoma, per ton, poor to good ..... 50 00@100 00
If badly damaged and stemmy no regular value.

The price is the same as two weeks before.

BEANS—Trading light. Few beans coming in. Stocks in the hands of dealers are very moderate.

Pea Beans—
Hand picked, choice .....$2 13@2 18
Good but not strictly hand picked ..... 1 95@2 05
Mediums nominally about same as Pea Beans.
Red Kidneys, depending on quality .....4 00@....
Brown Swedish, depending on quality ..... 2 00@2 65

Pea Beans are about 13c higher than two weeks before; Red Kidneys 75c to $1.00 higher and Brown Swedish no change.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	25,017	25,525	23,618
Tuesday	27,914	32,029	30,983
Wednesday	21,136	20,930	26,117
Total	74,064	78,484	89.668

The general situation remains about the same. For strictly fresh, sweet, full Eggs there is a fairly good demand, and such sell well on local consumptive and outside order account, and buyers are bidding more strongly for such lots. The Southern and Southwestern stock is more or less heated and is not desirable on account of the irregular quality and this sells slowly; there is some difficulty in keeping this stock closed out.

Duck Eggs—Some are being received, and there is not much sale for them at present. To sell they may have to go in with Dirties or Seconds.

The following quotations were established by the Butter and Egg Board today:

Miscellaneous lots, cases returned, 12@12½c, depending on quality.
Ordinary Firsts quotable at 13½c.
"Firsts" quotably at 14½c per dozen.
"Prime Firsts" quoted at 15c.
Checks or Seconds quotably 9c.
Dirties quotably 12c per dozen.
Storage packed steady. Firsts quotably about 16½@16¾c.

The price is about 1½c lower than two weeks before.

MISCELLANEOUS NEWS

Three thousand five hundred "bushel" baskets were burned in Brooklyn recently because they failed to contain a bushel. Commenting on the act the dispatch said: "The farmers were only waiting for the city to destroy their property in order to start a suit for recovery of the money they have lost."

Notwithstanding the enormous crop of potatoes in Maine in 1909, the shipments up to May 1, of the 1910 crop, are reported to exceed those of the entire preceding year by 500,000 bushels. May 16, 1911, the price in Aroostook county towns was $1.00 to $1.15 a barrel. A year before, only 40 to 50 cents a barrel.

The Indiana Millers Association met in Indianapolis the week beginning May 22. The general impression among the millers was that the new crop wheat would start at an average price of 75 cents a bushel. The growing crop is very promising. The acreage is estimated at 4 per cent. less than the year before, but the condition is 7 per cent. better.

The improved condition of the wheat outlook in this state they attribute largely to the "awakening of the Indiana farmers to the modern methods of wheat growing, which experts from the agricultural department of Purdue University are advancing." Continued education of the farmer, both in farming and business methods was advocated by speakers at the meeting.

We are not so sure about the "awakening of the farmer." We are more inclined to the belief that he has been sung to sleep by the songs of the millers and railroads to "raise more stuff" while not giving a thought as to how he can get what it is worth. We believe the real awakening of the farmer is to come yet.

Hogs have reached the lowest price in three years. Nearly all sales were under 6 cents in the Indianapolis market May 24. Recall our declaration that the farmers must either put the price of corn up to equal the price (relatively) of hogs or the price of hogs would go down to equal the

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R. .....County .....State.....

Are you a member of F. S. E.....My Shipping Station is .....On Railroad .....

price of corn. If they would have done the first, and they could, two crops would have been reasonably profitable. But, as they did not, two crops are unreasonably low.

From the report of the Secretary of Agriculture, for the year 1910, just received, we quote:

"Nothing short of omniscience can grasp the value of the farm products of one year. The total value is $8,926,000,000 for the year 1910. This amount is larger than that of 1909 by $305,000,000, an amount of increase over the preceding years which is small for the more recent years.

"The value of farm products from 1898 to the present year has been progressive without interruption. If the value of that census year be regarded as 100, the value of the agricultural products of 1900 was 106.4 (gain 6.4); that of 1901, 112.7 (gain 6.3); of 1902, 119.1 (gain 6.4); of 1903, 124.8 (gain 5.4); of 1904, 129,8 (gain 5.0); of 1905, 133.0 (gain 3.2); of 1906, 143.4 (gain 10.4); of 1907, 158.7 (gain 15.3); of 1908, 167.3 (gain 8.6); of 1909, 182.8 (gain 15.5); of 1910, 189.2 (gain 6.4)."

It is well to keep in mind that the total production of the 1910 crops was greater than any other year yet the increase in value is only 6.4 points over the preceding year. In fact, this is not a fair comparison for the following reasons: The government estimate is based on December 1 values. Very uniformly, for several years, prices of most crops advanced after December 1, consequently the crops sold for more than the figures indicate. But it was different this year. Prices almost without exception have declined very much. If the advances after December 1 for previous years and the decline of this year, since December 1, were taken into account we believe the facts would show that instead of the 1910 crop being worth more than the preceding crop it has brought the farmers less.

Was Agreeably Surprised.

FARMERS SOCIETY OF EQUITY,

GENTLEMEN: I am well pleased with the promptness of business through the Equity System as I received returns in a very short time. When I shipped to the Equity System at Cincinnati. I could not sell at home at any price, the local buyers said they could not find any market for potatoes at all, therefore, they would not buy. My neighbors said I would have to feed them or lose them. So imagine my surprise at the quick sale made at 42 cents a bushel and draft in settlement. I have no more to sell now but I'll raise a crop this year for the Equity System next fall.—I. E. Simmons, Gillespieville, Ohio.

System and Cost of Marketing

The Old and the New Systems of Marketing Farm Crops Compared

By J. A. EVERITT

THIRD ARTICLE

(Editor's Note—This series of articles began in the May 1 number and is expected to continue to July 15 number inclusive. Our idea is to compare the present system with its uncertainties with the definite and inexpensive Equity System. To make the article of the greatest value we will take the matter up by sections and cover one section complete in each issue.)

The first and second articles were "Finding a Market." We will now consider another phase of marketing, viz:

DIFFERENT CLASSES OF MIDDLEMEN

From Mr. Andrew's article, under this head, and explaining the old system, we quote as follows:

TRAVELING BUYERS

10. "Selling to buyers who come to the farm is practiced to some degree in many parts of the United States. Traveling hucksters in many regions go from farm to farm gathering eggs, butter, poultry, calves, and similar commodities, which they sell to shippers, jobbers, or retail dealers. Agents of large merchants go to farms on the Pacific coast to buy hops, to ranges in the Rocky Mountains for wool, to plantations in Louisiana and southeastern Texas to bargain for rice, and to the orchards of the apple-producing states east of the Rocky Mountains. The cattle buyer also is a frequent visitor at many farms, especially where stock raising is a secondary industry.

GENERAL MERCHANTS

11. "One of the most important persons in the distribution of some products is the merchant of the town or the rural community. He is often the first receiver of such products as eggs, farm-made butter, poultry, wool, hides, and sometimes cotton, grain, and hay. It was the custom a number of years ago, possibly more so than at present, for a local merchant to credit a planter of cotton or rice with supplies for a crop year, and to take a lien upon a growing crop to cover the value of the merchandise thus sold. In such a case it was frequently the custom for the crop when ready for market to be turned over to the merchant by the planter, who received the difference between his debt and the proceeds from the crop. The importance of the country merchant as a distributing factor in some regions is diminishing, for he has been supplanted to a greater or less degree by dealers in special products.

LOCAL BUYERS OF SPECIAL PRODUCTS

12. "In the regions where grain is a staple product the tendency has been for the storekeeper to be displaced by the grain dealer and the local elevator man. Among other examples of local buyers of special produce are the California fruit packer, who buys from growers; the eggs and poultry shipper in the middle west, whose purchases are made from country merchants and who ships by carload lots to wholesale dealers; the San Francisco wool merchant, who buys on the range and sells in the east; the poultry packer in the north central states, who buys live fowls, slaughters them, and consigns to eastern cities; and the "track buyers" of watermelons in the region near San Antonio, Tex., of peaches in Georgia, and hogs in the corn belt.

COMMISSION MERCHANTS

13. "The commission merchant is the agent through whom a large amount of produce is sold to farmers or country shippers. The commission man usually represents the seller, but there are instances where he serves as agent of the buyer, as in some sales of live stock to distant buyers or in the purchase of Pacific coast hops for eastern dealers.

"In addition to serving as agent in making a sale, the commission man may advance money to a producer or to any country buyer, as when a live-stock commission firm loans money to feeders or when a grain-commission firm supplies a local grain dealer with sufficient cash to begin his season's purchases. Another phase of commission dealing is that engaged in by rice and cotton factors, who advance money on crop liens, and to whom these products are frequently consigned to be sold on commission. In some states, for instance in South Carolina, banks are reported to be taking the place of the cotton factors in making loans, and the presence of buyers and neighboring mills enables planters sometimes to market their cotton without the aid of factors. Another class of factors are those in the Baltimore tobacco trade, who receive consignments, for instance, from farmers in Maryland and Ohio, and who sell to exporters.

EXPORTERS

14. "The exporter's business has some points in common with that of the local buyer in domestic trade; both classes of middlemen obtain their wares from sources relatively near at hand, and sell them in a distant market, either direct or through commission dealers. The exporter has to keep informed not only concerning the commercial regulations and market conditions of various countries, but also in regard to freight rates along the various lines of transportation over which his goods are apt to be carried. The fluctuations of freight rates, especially by water, make the cost of transportation lowest sometimes over one route and sometimes over another. In shipping wheat from Nebraska to Liverpool the grain may be sent through one of eight or ten large seaports ranging from Montreal around the coast to Galveston; and at a number of these ports tramp ships may be bidding against the regular lines for cargo. In case New York is selected as the port of shipment, the grain may be sent thither direct from Nebraska, or it may be transferred at Buffalo either on canal boats or railroad cars.

15. "In the grain business of the Pacific Northwest and in the cotton trade of the south it is not uncommon for the same firm that buys from the farmer to sell to the European miller. A grain exporter of Portland, Tacoma or Seattle sometimes owns as many as 200 elevators at different country railroad stations, and his agents at these stations buy direct from the farmers and consign to the seaport; while in Europe agents or correspondents of the same firm seek out buyers for the grain. But east of the Rocky Mountains the exporter of wheat, while he may sell through his representatives to foreign mills or dealers, in many instances does not buy either from the producer or the country grain dealer. His supply is often furnished by commission men or large dealers.

16. "In addition to the five classes of middlemen just discussed, others of importance in the distribution of farm products are the jobber, who buys and sells in wholesale lots, and the retail dealer, the last of the series of middlemen who handle the commodity on its way from the producer to the consumer."

Comparing the old system, as above, with the new Equity System we offer the following: (Numbers correspond with numbers in the quoted article.)

TRAVELING BUYERS

10. Where the Equity System is established i. e., where there is a local union of the Farmers Society of Equity at the market town, the huckster middleman will be eliminated. Thus one toll gate will be closed. Also the shipper will be cut out, thus closing toll gate No. 2. Instead of these the members will deliver their butter, eggs, poultry, calves, etc., to their own store or receiving house from where the local demand should first be supplied and the balance shipped to the final market by the secretary of the local union. To economize time of the individual members, the union could maintain wagons or motor cars to make the rounds of the members and collect the produce on stated days.

Agents of merchants or manufacturers will, of course, be welcome to call on the local union officers and buy produce if the farmers prices will be paid. In the Equity System it is more a matter of price, than the place, or person to sell to. One thing will be sure though, the members of the Farmers Society of Equity will not be the uninformed people that these agents have been dealing with in the past. They will be wise as to the yields of the crops, the demand, and will have the prices they are worth settled when the agent arrives.

GENERAL MERCHANTS

Outside of supplying the local retail demand the local merchant will not be much of a factor in the new System. As we have already stated all the produce will be delivered to the local union, or will be represented there by report of supply and, when desirable, by samples. The merchants can then buy what they need for the retail trade, but the surplus can be marketed to better advantage by the farmers own organization, than through several merchants. If a farmer needs credit, he can also arrange for that through his local union on better terms and with a greater degree of freedom than was ever possible through the merchant. It is plain, the many superior features of the new System over the old as it affects handling farm produce at the place of first delivery.

LOCAL BUYERS OF SPECIAL PRODUCTS

12. In the new System the secretary of the local union is the business agent for all the members and we will assume that all the producers are members of the local union. The secretary and his assistants must be chosen with special reference to their knowledge of farm produce and business ability. If these conditions obtain then the local elevator man; the local buyers of special products, the egg and poultry shippers who purchase from country merchants (being the second or third toll gate); the San Francisco wool merchant; the poultry packer, and the "track buyer" will all be superflous and unnecessary. In the new System the local union will soon have its own elevators, warehouses and cold storage houses and the secretary will be in as close touch with the markets as the best agent or buyer can be.

COMMISSION MERCHANTS

13. It is not the purpose of the Farmers Society of Equity to sell direct to the consumers. We consider that impractical. The farmers are now concerned in closing as many of the toll gates as possible, but they can not close all the toll gates in the cities and go direct to the consumers. However, when the Society has developed to a point where any one or more crop is under control, it will be willing to ship to one, or as limited a number of distributors as can conveniently supply the trade. The problem of receiving produce on the markets really belongs to the consumers and we predict, when the farmers are well organized, they (the consumers), will organize and eliminate a great many of the commission houses, brokers, and retail stores. Then the consumers may also own their receiving houses to which the farmers can ship all produce.

EXPORTERS

14. The reporting system of the Farmers Society of Equity will give the headquarters as definite information about foreign demand and markets and routes to ship over as any private concern can get. The purpose of the Equity System is to learn where the supply is and where the demand is, including the demand in foreign countries. Then the local unions having the grains that the export trade wants will be notified by headquarters to send direct without the intervention of a lot of exporters, who too often mix and manipulate the grain to the jeopardy of the market.

15. The headquarters of the Society in co-operation with the local unions will do for the farmers what the agents are doing under the old system, in directing his grain to foreign countries, thus avoiding the middlemen.

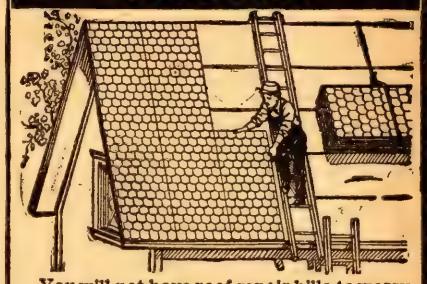
16. These middlemen were referred to in No. 13.

In the new system probably all the present elevators and warehouses will be needed and used, whether in country or city. There must be crops stored to await the demand for consumption. The difference will be, that they will be stored as the property of the producers instead of the title having passed to speculators. They will be stored to make and maintain steady, profitable prices, instead of resulting in unsteadying prices as the visible supply increased or decreased.

Nearly every middleman who stores farm produce does it largely on borrowed capital. When farmers store their crops it becomes the very best security for a loan and in this way the poor farmers can get financial assistance while controling their crops for profitable prices.

Our next article will be: "Steps in the Movement from Producer to Consumer."

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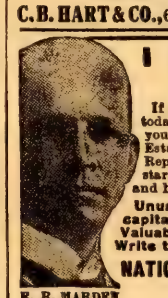
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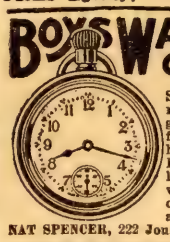
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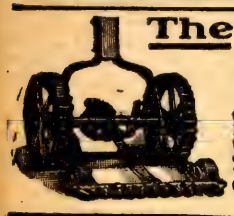
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Lespedesa, or Japan Clover

NATURALLY every plant of a leguminous or nitrogen gathering nature attracts attention in this country, and it deserves to, for we must not only maintain the fertility of our soils, but we must restore that which has been taken from them. Lespedeza, or Japan clover, is a plant of that character. It is a native of eastern Asia, and was first found in this country, as we learn from a bulletin of the agricultural department, in central Georgia, in 1846. It has spread since then until it now covers more or less abundantly, the whole area from central New Jersey westward to central Kansas, and southward to the Gulf or Mexico. There is reason to believe, says the bulletin, that it has now reached nearly the limit over which it will spread naturally.

Lespedeza is a summer annual that begins its growth in the middle part of spring, but does not reach maturity until September and October. It has purplish blossoms that appear in August or later. Under ordinary conditions, this Japan clover grows only four to six inches high, and it has, therefore, been generally considered only adapted to grazing. But under favorable conditions, especially in the lower Missippi valley on certain soils, it attains a height of 12 inches, frequently reaching 18, sometimes two feet or two and a half. Where the stand is very thin it has a prostrate habit, but where it is thick it grows upright and yields a good crop of hay, often exceeding two tons per acre, sometimes reaching three or four tons.

Under such conditions lespedeza is a crop of very high value, and has become more and more appreciated in late years, so that many farmers employ it in regular rotations.

The value of lespedeza for grazing was early recognized, and it has been looked upon with high favor as a constituent of pastures. It grows in all types of soil, even the poorest, and thus furnishes a considerable quantity of forage in pine barrens and in gravelly soils where scarcely any other plants grow. The natural spread of the plant has made it a constituent of practically every pasture in the region covered by its distribution. Everywhere it is valued for its ability to grow in very poor soils, either in fields or in open woodlands, and to withstand severe drought. Its value depends upon its palatibility, its high feeding value, which approaches alfalfa, and its ability to thrive under all sorts of conditions, and thus to furnish pasturage in the summer and fall till killed by frost. It will withstand almost any amount of grazing. In no sense can it be considered a weed, as it quickly dies out in cultivated fields. Like other clovers, it sometimes causes horses and mules to "slobber."

Lespedeza reseeds itself so readily that it is rarely necessary to sow it on pasture land. It occasionally happens that the seeds sprout unusually early owing to favorable weather, and the plants are killed by late frosts. Such pastures may be reseeded simply by scattering the seed over the top of the sod, but with better results after scratching with a harrow. New pastures should be seeded early in the spring, in February in the southern states and later northward. Seedings up to middle of April in Louisiana have given satisfactory results.

Red top makes an excellent combination with lespedeza in the same field, yielding a crop for each year. The redtop is sown in the fall, and the following February. The redtop may be cut about June 1, at which time the clover is only three to four inches high. Following the cutting of redtop, the lespedza occupies the ground exclusively until September or October, when it is likewise cut for hay. The redtop, being perennial, comes again the following year, and so will the lespedeza, having reseeded itself. Each crop thus reproduces indefinitely with proper management until some stronger plant or weed crowds them out.

Oats and lespedeza are sometimes grown together in the same way. A farmer in Louisiana had a large acreage of lespedeza in 1907, which was harvested and the land plowed and sowed to oats in October and November. The oats were cut about June 1, 1908, and yielded thirty-five bushels per acre. When the oats were cut, the volunteer lespedeza, coming from the seed, scattered by the previous crop, was about four inches high, and when harvested yielded two tons of cured hay per acre.

Most lespedeza seed for commercial purposes is saved in Louisiana and Mississippi. For this purpose the crop is cut before frost, when the larger part of the seeds have matured but the plants are still green. It should be raked immediately after mowing or when it is wet with dew, so as to prevent shattering and to permit it to cure entirely in the windrows. When thoroughly dry the crop is put in the barn or stack, or it may be thrashed directly from the field. For hauling the wagon should have a tight bed so as to save the shattered seed, and much care should be taken in unloading, or much seed will be lost. The yield is from five to twelve bushels per acre, of twenty-five pounds each, and the price from $3 to $3.50 per bushel.

THE FENCE POST

THE fence post is a modern farm problem that is quite difficult of solution. Recent extensive investigation ranks timber growths as follows, beginning with the highest, or best timber for posts: Osage orange (the ordinary hedge plant), locust, red cedar, mulberry, white cedar and catalpa. White oak and post oak are not mentioned, but these are known to rank high, and catalpa is put much below its generally accepted rank. Of the larger growths, such as the oaks, split posts from large trees are far more durable, and more valuable than the round posts cut from small trees, as the latter are surrounded by a deep layer of sapwood that very soon decays when placed in the ground. This is particularly true of post oaks. Black walnut is not mentioned, but that is considered good post timber; but walnut sapwood decays very quickly, though the heart part of the tree is durable.

Much depends upon the time of cutting and setting the posts. Posts cut in the spring when the trees are full of sap are much less durable than those cut during the fall and winter; and seasoned posts will last much longer than those set directly from the stump. Charring that part of the post which goes into the ground adds to the post's durability, and, as the post rots near the surface, that is the part that should be most charred. If instead of filling the hole after the post is set with earth, it could be filled with cement or concrete, made thin enough to settle around the post when poured in, the post would last almost indefinitely, and almost any kind of timber would do to make them of.

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Fun With God

A little girl of five saying her prayers for her mother before going to bed, closed with "a woman," instead of "amen." The mother smiled and asked, "Why did you say it that way, Alice?"

"Just to tickle God!" she answered.



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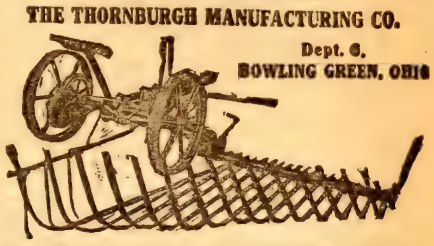
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The SIDE DELIVERY BUNCHER takes the place of side delivery rake, dump rake and tedder. It lays the hay in loose, hollow windrows or bunches it just as you wish, curing quicker and better than if left in the swath and then tedded and raked.

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Replanting Corn

We remember when a boy that the farmers always replanted their corn, but since drills and planters have come into use replanting has been almost entirely abandoned. There is now quite a general impression among farmers that, though the stand may not be good, it does not pay to replant, because the replant being later than the original planting, is at a disadvantage during the entire growing season and can not yield enough to pay for the labor required to do the replanting.

In a measure that is true. The replant can scarcely be expected to produce like the first planting, but our experience is that it will greatly reduce the loss that results from missing hills. Suppose the stand is 90 per cent., and that is really good, the missing plants being only 10 per cent. of a full stand. In an acre there should be about 3,000 hills of corn. Ten per cent. missed means a loss of 300 hills. Three hundred hills should produce at least 500 ears of corn, which ought to be equivalent to five bushels. A loss of five bushels per acre is a loss of fifty bushels in ten acres, and that is entirely too much to lose. The only additional labor required to save it is the replanting and the gathering, for precisely the same cultivation is required whether 10 per cent. of the corn is missing, or less or more. Taking another view; with 10 per cent. missed you are cultivating an acre in every ten that has no corn on it—five acres in every fifty.

No farmer can afford to do that. Go over the field as soon as the corn is well up, and replant every missing place. It is by no means a great task. The replanting may be done in the old way or with a light hoe, or it may be done with a hand planter. If no greater loss than 10 per cent., one person should easily go over ten acres a day—some say twenty. If the seed be soaked in water over night it will come up quicker, and if each hill be stepped on after planting, firming the soil on the seed, it will also hasten germination.

PURE SEED

We don't much believe in mixing seed. If we raise yellow corn we want it to be yellow corn, and if white we want it to be white. If we have any particular variety, such as Farmers Interest. Boone County White or Reed's Yellow Dent, we want it to be pure. Sometimes cross bred stuff is all right, and great improvements have been made by persistent and judicious crossing, but mixed varieties are seldom an improvement.

And that holds good of other crops as well as it does of corn. Mixed wheat is always a sad spectacle, and never equals purity of variety. No matter what you are planting, if you have not pure seed get it. It may cost something, but it is better.

SHADE TREES

As SUMMER approaches we always think of shade trees. We do admire them very much as a boy in the fields. Our own boys are now grown up and gone from the farm, but in all their farm life they never had cause to complain of lack of shade trees, for it was always a rule that the black walnuts and at least some of the mulberries were to be spared. We may here remark parenthetically though, that of all the trees the black walnut is about the worst in the cornfield. Corn can not be coaxed into growing near a black walnut tree, though timothy will make a fine growth up to the very trunk of the tree.

But our purpose in beginning this article was to speak of shade trees in a somewhat different strain. Live stock needs shade during the sunny days of summer. It is too often the case that small stock lots are without shade. Calves suffer intensely in a shadeless lot, and so do pigs, lambs and chickens. So also do the older animals. Any kind of suffering retards the growth and development of the young, and prevents the best use of the feed consumed by the older animals. We, therefore, in the interest of the owner as well as for the comfort of the beasts, plead for shade in the lots or anywhere else where these animals are kept during the summer months. If there are no natural shades, no shade trees, then artificial shades should be provided by means of sheds or other structures, no matter how simple so they cast a definite shade. Thus adding to the comfort of the stock the owner is adding to its value and increasing his own wealth. Or at least, he is practicing that economy which saves what he already has.



THIS HANDSOME CUP STANDS TWENTY-FOUR INCHES HIGH AND WEIGHS TWO HUNDRED OUNCES. IT IS MADE OF PURE SILVER. THIS CUP WILL BE GIVEN BY THE INTERNATIONAL HARVESTER COMPANY TO THE FARMER GROWING THE BEST THIRTY EARS OF CORN EXHIBITED AT THE AMERICAN LAND AND IRRIGATION EXPOSITION.

SPRAYING TO KILL WEEDS

SEVERAL of the common weeds of grain fields, says an interesting bulletin, can be kept in check by spraying. Wild mustard, which is particularly prevalent in portions of Wisconsin, Minnesota and North and South Dakota, as well as in many of the states farther south and east, is readily destroyed by spraying with iron-sulphate (copperas) solution, using 75 to 100 pounds of copperas (iron-sulphate) to fifty gallons of water. Copper sulphate (blue vitriol or bluestone) is also effective, using twelve to fifteen pounds to fifty gallons of water, though the latter should be handled with greater care as it is poisonous. The usual application is fifty to fifty-five gallons of the solution to the acre. Spraying can be done most effectively before the older weeds come into blossom, as the pods, if allowed to develop, will ripen seed after the leaves are killed by the spray. Spraying will not seriously injure the young grain or grasses, while it kills or materially checks the growth of mustard and many other weeds. Clover and alfalfa, however, are both severaly injured by the application of any chemical that will kill weeds. The cost of spraying with the iron-sulphate solution is about $1.25 per acre. Small patches may be sprayed with a bucket pump or a knapsack sprayer, but for large fields a wagon fitted with a tank and suitable nozzle should be used. These machines can be purchased from dealers in spraying apparatus. Potato spraying machines may be used for this purpose also.



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HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

The Government as a Horse Breeder

THE Department of Agriculture favors the breeding of horses by the government of the United States. A circular issued April 19, by the Bureau of Animal Industry, argues that the government should at least breed enough horses to supply the demands of the army. What is the matter with the farmers? Are they not breeding enough horses, and may not horses be bought from the farmers as cheaply as the government could breed them?

But, in the estimation of these government forces, the farmers of the United States are having too good a time. They must have more competition. It is not enough to turn loose upon them the forest grown horses of Canada; the government itself must go into the business, and a free addition must be added to the supply to help in knocking down farm prices. Free? Not much. It will cost the government twice as much to raise a horse at is does an ordinary farmer, but the people, largely the farmers, pay the cost. And the horse so grown will not be worth a cent more than one grown by a farmer.

A government horse breeding farm would be a perpetual moving picture show. It would be managed and operated by "experts." There would be required an expert to curry and groom the animals, an expert to watch the feet and trim the hoofs, an expert to see that there was at all times a proper switch of the tail, an expert to catch and classify the flies that might appear in the stalls, an expert to weigh and measure the feed, and an expert to analyze the manure. This for the grown stock. We will not attempt to mention the experts that will be required to receive and look after the colts.

But all this talk is just about as silly as is the proposition for the government to go into the horse raising business in preference to buying its supplies from the established farmers of the country. If the authorities will see to it that the government pays no more for its horses and mules than the farmers receive there need be no further complaint of high prices.

But the government needs clothing supplies for the army. And food supplies also. Why not establish government factories to supply the clothing and mills and slaughter houses to furnish the food? Oh, that would be an outrage. The government must not compete with the factories, the mills and the packing houses, these giant infant industries must be "protected."

LARGE LITTERS OF PIGS

ALMOST every farmer wants large litters of pigs, and the sow that brings the most pigs at a litter is most desirable, we can concede, but even this good thing may go to an extreme. The main object in this day of modern methods is quick pork, and that can not be very well made of stunted pigs. The most important time of a hog's life, so far as quick and continuous growth and early development are concerned, are the days of its pighood. Taking this view, eight pigs are enough for the best sow; as many as she can do her best by and give the most vigorous start, and even with that number she needs the best feed, care and attention herself. If there are ten, twelve or fifteen pigs in the litter, a happening most farmers are so proud of, there are apt to be several runts among them; if not at the beginning they will soon show themselves. Extra feed and care, if the right kind of feed is at hand, may make good hogs of the largest litters, but it is generally a fact that the litter of eight at marketing time is worth more than the litter of twelve. It is difficult to bring a pig out of an early stunt.

Speaking of runts, they sometimes appear in moderate litters, and they are very apt to remain so. The chances are all against them. They get hungry, and so do the larger and stronger pigs, that always manage to get to the teats first. The runts seldom get to suck until the more vigorous pigs are satisfied, and then the supply is exhausted. It is the same way at the feed trough. The stronger pigs deny the weaker ones the right of way and take the feed. The runt has no chance unless his rights are carefully protected by his owner, and if the farmer would develop and make hogs of the runts he must give them that protection—must see to it that they get their share of the feed nature provides for them, and also that they have an equal chance at the trough, if not where the larger pigs are eating, then at another where the stronger can not come.

The point we make is, if we have early development and bring the hogs to the most satisfactory quick market, the heaviest weight in the fewest months, the pigs must have a good start, and they must never know anything but abundant feed and the very best of opportunities.

There is as much solid meat to the square inch in the Literary Digest, New York, as many publications we know of. This bright weekly gives the news of the day in a clean, condensed, and reliable way. Farmers are urged to read it.

You can buy fence at wholesale prices—13 1-4 cents a rod up if you write Kitselman Bros., Box 289, Muncie, Ind., for their free Catalogue. See their ad in this issue.

Bitter End

The teacher asked the pupils to write on their slates what they understood from the words "bitter end." Pencils were busy for awhile, and a little hand went up. "All right, George," said the teacher, "read what you have written." He read: "The dog chased the cat under the bed and bit 'er end."

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This Is Why!

Putting the matter as briefly as possible, the reasons for the **absolute superiority** of the

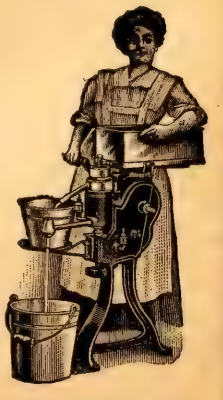
United States Cream Separator

over **all other Separators**, are as follows:

The **United States Separator** employs a device for delivering the incoming whole milk back of the cream wall, thus preventing any possible remixing of the cream with the skimmilk. This device is patented by us, and **can be used on no other Cream Separator.**

The **United States Separator** employs a skimming device which by reason of its non-aligned channels, subjects the whole milk to a **higher degree of centrifugal stress** than any other skimming device. This, also, is **our patent**; it can be used on no other Cream Separator.

The **United States Separator**, by reason of its highly efficient skimming device, can be **thoroughly washed and made sanitary** (as the records show) in 10 seconds. Because the same principle is used in washing as in skimming.



The **United States Separator** is **built to last a generation**; and it does. Sixteen, seventeeen and eighteen years of perfect work, is the record it has made.

The **United States Separator**, by reason of its modern and skillful construction, is now the **easiest running Separator built.**

Vermont Farm Machine Co., Bellows Falls, Vt.

THE MILCH COW'S FEED

IT IS seldom the milch cow gets proper feed even on the farm. Since so much attention has been paid to the analysis of feeds it is easy to arrive at the nature of the feed the cow actually needs. The milk she gives is bound to be made of the feed she eats, and to make the milch she must have feed rich in protein. Green grass is the usual dependence at this time of year, but no matter how rich the pasture or how abundant the grass, it does not contain the needed protein. But the cow needs the carbohydrates, and the grass is deficient in that also.

The feed elements needed by the milch cow may be fairly stated thus: Fat, 1, protein, 3; carbohydrates, 18, as stated by a writer on this subject, in our opinion quite subject to revision, but serving at least to point to the required food elements. At all events, it is safe to figure that the milch cow should have from two to two and one-half pounds of protein for every twenty-five pounds of milk she is giving. This she never can get from grass, and if she have it she must get it from some other source. Wheat bran or chopped oats are good protein feeds. And the cow also needs carbohydrates and fat-producing feeds, to keep up her flesh. Chopped corn and wheat bran are good to supply all these needs, and the quite common practice of giving the cow a feed of broken ears of corn or "nubbins" very much helps the grass ration.

DON'T SELL THE BEST

ONE of the severest temptations the farmer has to encounter is the temptation to sell the best, not that he wisnes to get rid of the best nor that he does not care to have the best, but that some other fellow comes along and offers him a tempting price for it, a price so much above what he can get for the more common stock. He at once begins to wonder if he could not keep the commoner stock and by his superior management eventually make it as good as the other.

Stop right there. If you have the best you deserve it, and you will do better with it most likely than will the man who is tempting you to sell it. Sell the inferior grades, even though you may not get quite so much for them, and by and by you may have none but the best. Then the better prices will come as a matter of course, and without being a temptation for you have nothing to invite the contrast.

HEALTHY COWS

THERE is nothing more important on the farm or in the dairy than to know that the milch cows are healthy. The milk is drawn from the blood, and it must be of the nature of the blood; and the elements of all disease, be they germs, bacteria, or whatever they may be called, are in the blood, and thence must be transmitted to the milk. Milk taken into the human stomach is digested and assimilated, and converted into blood. The process of digestion may destroy the germs in the milk, but it is not safe to risk it. The safe plan is to never use milk from an unhealthy cow. If the cow's coat becomes rough and unsightly, or if in spite of feed and pastures she "falls off," or if she sometimes refuses her usual feed and seems dull and listless and sluggish, or if she has a cough, the latter indicating possibly, tuberculosis, the use of the milk in any form by the family, or for sale, should be discontinued. If any of the above symptoms remain for a length of time, it is better to turn the cow dry.

THE VICIOUS BULL

ANY bull kept in close confinement is liable to become vicious so that it is unsafe to be about him; and such animals given reasonable freedom, as they advance in years may also become dangerous. We have known animals of that kind to be entirely docile and easily managed for two or three, or even more years, to suddenly become bad and take their keepers unawares. We frequently see accounts in the papers of people being gored and injured, or even killed by these animals. The safe way is to treat all bulls as vicious, and give none of them the advantage. An experienced stockman says the only safe way to handle a bull is with a strong ring in the nose, and a strong pole snapped into the ring. This is clearly a case where safety is on the precautionary side, and prevention is better than cure.

THE DAIRY CALF

THINGS are being done according to rule now, and we believe we are glad of it, though it is very different from the way things were done during our younger days on the farm. Milch cows, like watch cases, are gold plated now, but the comparison is not a good one for the gold plating suggests a possible imitation, while in the milch cow we want the genuine solid gold or pure silk, full length and a yard wide. She costs too much to be accepted as anything else.

How shall we know the genuine except by the test? To win in the selection we should begin with the calf, and these are generally accepted as the proper points to be noted in the calf that is most likely to grow and develop into a good dairy cow:

She should have a good body, with a decided rounded curve to the under part, or, in other words, have a barrel-shaped body. Short leggs are preferable. A long legged cow is seldom if ever any good as a dairy animal. The neck should be small, the face dished, and the eyes mild, or with a gentle look. The tail should be slim. The udder should be well shaped and have four good-sized teats, properly placed. The backbones should be prominent and should be thin just back of the shoulder blade. She should be wide across the hips as well as wide between hip and ribs. The nostrils should be large, thin and somewhat dilated.

From that pattern a good dairy cow may be expected, and these points should be developed sufficient for selection when the calf is from four to six months old.

LOW BUTTER PRICES Make the Best Separator of Still Greater Importance

There could be no greater mistake on the part of the intelligent dairy farmer than to put off the purchase of a cream separator this year because cream and butter prices are unfortunately lower than they have been for several years past.

Nor could there be any greater mistake than to be tempted to buy an inferior separator at a trifle less first cost on this account.

There may be money in dairying when prices are high with a second or third grade separator, or even without any at all.

But when prices are low the use of a DE LAVAL separator, with its greater saving and more economical operation than any other, usually marks the dividing line between profit and loss in dairy farming.

There is still money in dairying with a DE LAVAL separator, but the chances are that there is very little without one.

Moreover, you don't have to pay cash down for a DE LAVAL separator, if it may be inconvenient to do so. You can buy one on such liberal terms that it will actually pay for itself from its savings, even at present dairy prices.

With butter prices as they are there never was greater need to buy a DE LAVAL separator, nor stronger reason not to buy an inferior separator or to get along without any.

You need not be in doubt about it. Just arrange with the nearest DE LAVAL agent to see and try a DE LAVAL machine for yourself. Do this if you already have another kind, and try any other kind at the same time if the maker or agent will let you do so.

If there is no De Laval agent near you write us direct for any information you desire, and with the height of the dairy season at hand by all means don't delay prompt action.

THE DE LAVAL SEPARATOR COMPANY

16-167 Broadway, NEW YORK
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29 E. Madison St., CHICAGO
14-16 Princess St., WINNIPEG
Drumm & Sacramento Sts., SAN FRANCISCO
1016 Western Ave., SEATTLE

FARMING IN CALIFORNIA

Little did the Forty-niners think that California would indeed prove to be a golden state in her bountiful agricultural products. They looked below the surface, under mountains for their gold. The California farmer of today "mines" the ground in different way. Plowing, cultivating, sowing bring him a golden harvets as sure as the sun rises and sets in that wonderful land.

Two farmers—Mr. Hovey and Mr. Amagi—by carefully working 22 acres made a profit of $9,599.92 in one season on Cantaloupes. This is $436.66 per acre. These figures give net profits.

Mr. Weichman made $11,000 from 30 acres in truck. This is $366.66 net profit per acre.

There are desirable lands in California at a moderate price. We suggest that you write to the Homeseekers Information Bureau, 714 Bee Building, Omaha, Neb., for free books and valuable literature on California. This is not a rich man's country as many think. A modest start can be made now that will lay the foundation for a fortune in a few years. Learn more about this wonderful state and the opportunities there are there for you.

The Albaugh-Dover Co., 2203 Marshall Blvd., Chicago, manufacture the New Butterfly Cream Separator. As manufacturers selling direct to the farmer and dairyman they can and do make special attractive prices. Send for their XY proposition.

He Saw

An Irishman thought he would get out of the army by complaining to the surgeon that he was losing his eyesight.

"Can you see that nail over yonder in the wall?" asked the surgeon.

"No, sir, I can't see any nail, but I can see some fly specks on the frame of the picture that hangs on it."

A SPLENDID COOK BOOK FREE

An excellent book containing 900 recipes and valuable hints on cooking, baking and roasting has just been published by the Missouri & Kansas Farmer. Experienced housewives say this is one of the most practical books ever compiled for practical use. It contains the favorite recipes of famous cooks and will be a favorite cooking guide to every lady fortunate enough to possess one.

The Missouri & Kansas Farmer is the leading twice-a-month farm magazine of the Southwest. It is handsomely printed and beautifully illustrated. Every number is full of interesting information on how to secure the most profitable results from the crops and stock. There are special features for the ladies and young people. To introduce the Missouri & Kansas Farmer one copy of the cook book will be sent free and prepaid upon receipt of 25 cents to pay for this paper for one year. Send today. Missouri & Kansas Farmer, Kansas City, Mo.

If you want a farm pump of any kind for water, spraying, etc., write to the Goulds Mfg. Co., 95 W. Fall St., Seneca Falls, Vt. They have the pump for you that will cost less money and do better work than others.

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SEND NO MONEY

30 Days Trial

You waste money if you pay a cent more than our price for a Cream Separator. You can't afford to buy from **anyone at any price** until you have sent a postal card or a letter asking us for our special Cream Separator offer. We save you half of agents' prices—we allow you 30 days trial on your own farm—you needn't send us a cent in advance, if you prefer not to.

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We will send you a machine on trial so you can find out how good it is. No Separator costs more to manufacture than the Macy, yet our price is half the price asked by Agents. Easiest cleaned machine because its skimming device is aluminum. Frictionless pivot ball bearings make it easiest running. Guaranteed forever. Five sizes; five popular factory-to-farm prices. **Cut out the middleman's profit**---keep this money in your own pocket. Write to-day for our special introductory offer.

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$15.95 AND UPWARD



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SENT ON TRIAL, FULLY GUARANTEED. A new, well made, easy running separator for $15.95. Skims hot or cold milk; heavy or light cream. Different from this picture which illustrates our large capacity machines. The bowl is a **sanitary marvel, easily cleaned.** Whether dairy is large or small, obtain our handsome free catalog. Address

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This famous machine with all its new improvements, all its special features, with a 25 year guarantee, and all its valuable attachments is now offered you

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at the lowest price ever made on a machine of this high character. We add just one small profit above manufacturing cost, you pay no extras, no interest, no agent's commissions --just $2 a month until the special low factory price has been paid up. But you get the machine at once before you spend a penny. You test and try it before you decide to buy it.

FREE TRIAL—I PAY FREIGHT

I will place a genuine latest model Buckley drop head, patent lift sewing machine with perfect silver finished attachments, ball bearing stand, all complete in your own home without a penny from you. I'll even pay the freight. I just want you to try it. If it last the most convincing machine offer you ever saw. I'll take it back at no expense to you. And if you buy, I let you pay a little each month and guarantee the Buckley 25 years. Write for description and my special new plan at once.

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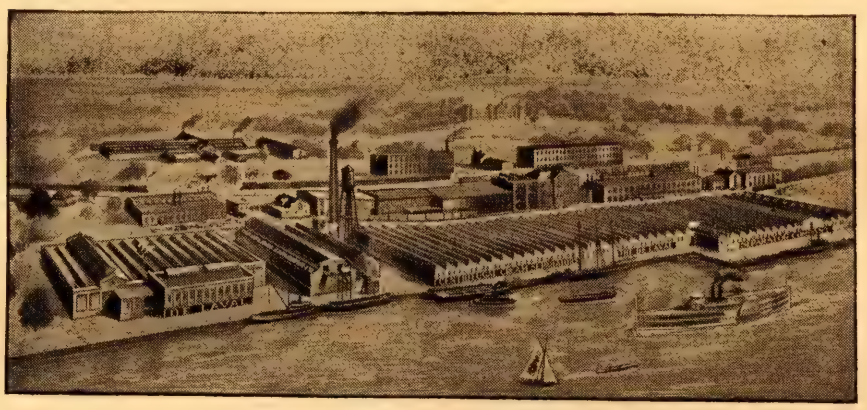
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M. W. BUCKLEY, MANAGER
Dept. 71 59 E. Van Buren St., Chicago

What Is Oleomargarine?

OLEOMARGARINE is an oily substitute for butter, made of a combination of various fats and oils, but without a particle of real butter fat, and with an artificial coloring to make it look like butter. So perfect is the imitation that it may actually be eaten without a suspicion that it is not real butter. The combination was discovered or the substance invented in France in 1869, the inventor being a Frenchman by the name of Mouries, who named the article Margarine. In this country the word was prefixed, and it became oleomargarine. In a very few years this substitute for butter, or rather, this fraudulent imitation of butter, was put on the market as real butter, and was being discussed and condemned by every government in Europe.

It was not long until some capitalists in Phliadelphia, Chicago and other American cities, as we are told by J. W. Johnson, one of the first to call general attention to the commodity, formed a company for its manufacture in this country. It is made of fats selected from animals at the slaughter houses, and from certain vegetable oils, combined with chemicals and colored to imitate butter.



HOME OF DE LAVAL SEPARATOR CO.

The agitation of the fraudulent character of the stuff was begun by the National Dairy Association in a meeting at Cincinnati in 1883. It was asserted there that such pretended butter was being sold throughout the west and south. This was vigorously denied by the oleo men who were present; but Prof. Taylor, a chemist of national reputation, had with him a sample that had been taken from hotel tables in Denver, the analysis of which proved its character. The debate at that meeting is said to have been acrimonius and almost startling.

The oleomargarine or butter product of 1909 in this country was 126,000,000 pounds, much of which, in spite of the Grout law, was sold as real butter. That law, enacted in 1902, does not prohibit the manufacture and sale of oleomargarine, but it levies a tax of ten cents a pound on it when colored like butter and one-fourth of a cent when offered for sale without being colored. This was designed to prevent its selling in competition with natural butter at a lower price, because the tax had to be added to the cost, which brought the cost, and consequently held the price above that of butter, operating upon the principle of tariff.

But, as is usual in such cases, the law has been greatly evaded. The makers of oleomargarine soon learned to combine certain ingredients so as to secure the desirable color without putting in special coloring matter, thus practically nullifying the law. Without this tax, or without the observance of the law; this article can be sold at a profit as butter, for ten to fifteen cents a pound, which would soon drive real butter out of the market, destroy the dairy industry, and feed the people on an article the constituents of which few people know, except that it is made of ingredients nobody would eat in their original form. In other words, it would take the production of commercial butter from the masses of the people and the dairies and turn it over to about twenty-five millionaire manufacturers, allowing them to substitute for real butter a commodity that is of very doubtful composition and wholesomeness.

Jog On

Jog on—don't expect to go running,
You'd only get half the way;
Take it easy and climb up by notches,
Then when you reach the top you'll stay.

Maybe the road will seem rocky,
The better for you when you've won;
There isn't one-half the glory
To accomplish what's easily done.

And just when you're ready to give up,
Go ahead with more vim than before;
You're nearer the top than you thought for,
So jog on and you'll find what's in store.
—*Mrs. Otis A. Skinner.*

By Their Fruits

She—"They say that an apple a day will keep the doctor away."
He—"Why stop there? An onion a day will keep everybody away."—*Sacred Heart Review.*

We like the spirit behind the Southern Motor Works, 1228 Clinton St., Nashville, Tenn. They not only sell Marathon cars but car service. When you buy an automobile you buy what it will do. The manufacturers of the Marathon stand behind it when they sell it. Send for free catalog. This is a good car of medium price suited to the farmers' needs.

FREE

$5000 WORTH OF VALUABLE Prizes Given

ABSOLUTELY FREE For Solving This Puzzle

2		
	5	
		8

Magic 15 Puzzle

Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

SEND IN YOUR ANSWER. YOU MAY GET THE HIGHEST PRIZE.

Only one answer allowed from the same family. I am offering these prizes in order to introduce and advertise the high-grade Purcell pianos. I will send you the prize you win, with full particulars. Send in your answer at once, on this or a separate sheet of paper, to

I. S. PURCELL
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I'll Save You $25 to $50

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—The only Separator whose gearing runs in a "Bath of Oil" like a $5,000 automobile—Feature worth $50.00 alone.

—Automatically oils itself—Pour oil at the top, once a month from your oil jug or can—No danger of running dry, or ruining it like others—No oil cups to remember to fill or turn up twice a day.

—Dust-proof — Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

GALLOWAY'S New "Bath in Oil" HIGH GRADE STANDARD CREAM SEPARATORS

—Has the only revolving supply tank—worth $15.00 alone.

—Easiest to clean and the few parts come out easy and can't get back out of place.

—Easiest to run—high crank—low tank. With no high lifting and no "back-breaking" cranking.

—Gets the finest quality cream and all of it—no lumps or churning, as Nature's true principle is followed without forcing either the milk or cream the wrong way up or down.

—Skims closest in any climate or season, no matter whether your milk is warm or cold.

—Is as handsome a machine, compact and substantial, as you ever saw or could find. Beautiful finish.

—Let me send you my Big New Separator Book—post paid—Free, so you and your wife and the boys and girls can talk it over and then try one of my separators under my easy plan for you to do it.

You'll call it the best if you test it alongside any of the highest priced $85.00 and $110.00 separators sold by anybody today—makers—catalog houses—dealers—jobbers or anybody else. Write me today.

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Important Here is an amazing separator offer—a chance to get your choice of America's leading separator **direct from the factory at factory prices**—the same price which the jobber or wholesaler must pay. And you get it on a **liberal 30 Days' Free Trial Plan.** But you must act quick—**right now.**

Save HALF If You ACT NOW! Don't let this opportunity slip by to get the famous **New Butterfly**—the separator which has **out-classed** all competition. **Amazingly low prices.** Our Free Catalog explains all.

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Shipped direct to your farm for a whole months' trial—any size—without sending us a cent in advance. Write a postal or letter for Free Catalog and Offer today. Do it now—right away. You'll save a lot of money.

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Which Car for the Farm

WHAT kind of automobiles are farm owners, ranchmen and fruit growers buying? It might seem as reasonable to ask what kind of automobiles are city people buying, so widely does the judgment and purchasing preferences of people in all pursuits differ. Yet, the question is a fair one, because the automobile that is successful with the farmer will be successful anywhere and we may look for better judgment of values and less inclination toward extravagance among farmers.

When a man buys his first car he is in exactly the same position as when he buys his first watch, his first horse, his first piano or his first herd of cattle. Lacking experience in purchasing, he must follow the recommendation of some one else or judge by appearance alone; but we progress by experience. After driving a horse we discover his weaknesses. After breeding cattle, we learn of their inherent defects, and having had experience with houses, we come to appreciate the advantages of little comforts, little points of superiority which some houses have and others have not.

It has been just so with the automobile. Farmers who have been driving automobiles for three or four years have learned what the inexperienced owner does not yet know, and that is that automobiles are made and sold in exactly the same way as everything else.

There are high values for people who desire reliability, durability and satisfaction and there are low values for people who can be satisfied with mediocre service.

Mechanically, cars do not differ widely in efficiency, in the methods by which they are made and in the accuracy with which the parts are finished and fitted.

There are certain advantages that have particularly appealed to the farmer and these must be incorporated in any car which is to be successful for a long period of time. Big wheels and tires, because of the saving in tire upkeep and the added comfort, have appealed to farmers. The farmer's preference has been for the large car of sufficient weight to insure comfort in traveling and durability, with room enough for his family and perhaps one of his friends, and with such little advantages of convenience as safety starting devices, simple control mechanism, more comfortable springs and power sufficient for any emergency. The farmer in purchasing a pleasure car has at the same time ideas of utility and this has led to a careful study on the part of most rural buyers of the manner in which the parts of cars are made.

The light runabout has been most popular in the cities because of the necessity of carrying only one or two people and because of the evenness of the road comfort has not been so necessary. With the farmer it is different. A light car does not offer to him the same advantages of utility, power and comfort, and these are the cardinal points with the farmer.

THE HORSE REMAINS

EVERYTHING and everybody changes. We are all hunting for something new, and we eagerly grasp fads whether they improve conditions or are better than what we had or not.

It is not so with the horse, says the Harness Gazette. That animal has a habit of sticking to his job and working his daily stunt in order that man can live his daily life, and do the work that keeps him alive. It is like looking at a fly's foot through a high-power microscope. It magnifies so tremendously that there seems to the beholder no room left for anything on earth but the foot of that little fly. He has to let his eye take a look around to get back to the natural proportions of things. It is so with the horse. There is more of him than ever. He is more in demand than ever if the statistics are to be relied upon. It requires as much in the way of accessories as ever to make him useful to man and yet we hear he is out of the running.

There is today, as a matter of fact, more inquiry for good horses than there are good horses to supply the demand. There are as many weedy horses seen in the streets of the cities as ever, showing that the demand is too great to get rid of these poor specimens, so that they can be replaced by the better grade out of the superabundance claimed to exist, but which does not exist. The breeder has not let up in growing horses, so there is about the same normal scarcity as usual. People do not stop to consider that the needs of man, like the appetite, grow with what they feed on, and that there is never enough of anything if people's needs can be satisfied. When these needs go unsatisfied it is because the people can not get what they want, the reasons for which are many, chief among them being the lack of price.



—PHOTO COURTESY RAMBLER MAGAZINE.

This Up-to-Date Farmer uses his automobile for business and it makes him more money by doing so.



The Man Who Lives On the Farm Needs a Marathon

You wouldn't be satisfied to farm the same way your forefathers did. "It's too slow and too costly to you," you say. "Couldn't make your farm pay enough." The same holds good when you drive a Buckboard. It takes all day to go to the city and back. You can't afford to lose the time, especially during harvesting. You need your team in the fields. When you own a

Not simply a car - Marathon - but car service

You can drive the same distance in a couple of hours.

You save your team, time and trouble.

A ***Marathon*** is the best investment you can make, it will help you to get top prices for your crops, because it keeps you in close touch with your market. It will greatly add to the comfort and pleasure of your family, give your children the opportunity of attending good city schools and your wife will enjoy better social advantages.

*The **Marathon** Meets All Requirements of the Man Who Lives in the Country.*

It is an *economical car*, its up-keep is always small. The ***Marathon Excels in Speed, Endurance, Reliability, Style, Perfect Power Transmission.***

When you buy a ***Marathon***, *you get all-round car efficiency.* It is now entering upon its sixth season and challenges comparison with cars selling at twice the price.

Marathon models include Torpedo Touring Car, Fore door Touring Car, Standard Touring Car, Standard Roadster and Torpedo Roadster. Prices from $1,500 to $1,700.

Write for Catalog.

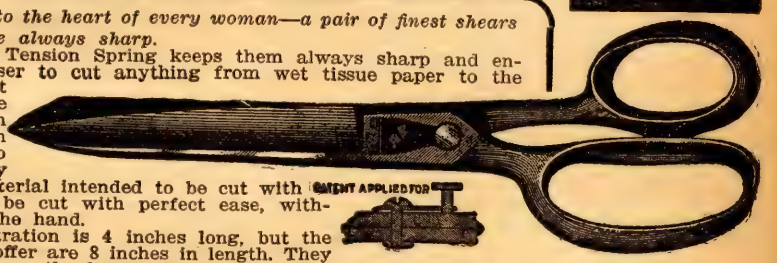
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Ever-Sharp Shears FREE

Dear to the heart of every woman—a pair of finest shears that are always sharp.

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J. A. EVERITT, Editor, Indianapolis, Ind

A CART LOAD OF FUN This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed. Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price. If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Potts and the Lightning-Rod Man," "How to Go-a-Courting," Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Biff," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide," "Queerly Married." "Hannah was Aroused." "How the Tired Patient Man had His Feelings Upset," "Jone's Baby," "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. COONER & FORTUNE CO., Indianapolis **FOR 10 cts.**

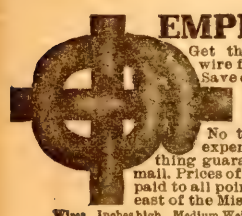
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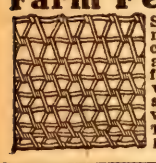
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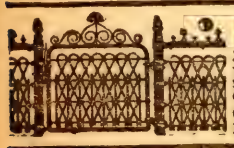
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REQUEST ADVERTISERS WANT TO *Know in what Paper you saw. Therefore We* TO *Ask Advertisement you Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* READERS.

Poultry Ideas Proven by Experience

THE following ideas regarding the management and treatment of poultry are accepted as good by poultry people because they have been proven so by experience:

Good clean runs are to the hens what a clean yard or lawn is to the family.

Never allow weeds to grow in the poultry yard, nor permit the grass to get more than an inch or two high. The lown mower is worth more where the little chicks range than it is in the lawn. If the poultry yard is large, pasture it at night with horses, cattle or sheep.

Two thorough sprinklings a week with coal oil ought to keep the poultry house free from mites and lice.

Young chicks may be injured by over-feeding as well as from not being fed enough Feed enough but not too much.

Don't give the chicks wet, mushy feed. We would rather feed dry corn meal than wet dough, cracked wheat than a wet bran mash.

Frequently scatter lime where the young chicks run, especially on and about their feeding places. That's the way to not be bothered with gapes.

Don't sell eggs as fresh that you do not know to be so. When the eggs are discovered to be bad it may not be known that you sold them, but—what do you think of yourself?

Summer is a good time to study the hens. Keep none but the good ones. The inferior ones eat just as much, occupy as much room, and require as much care as the best.

Slack up on the corn as feed in the summer; wheat is better in hot weather, and with full range, not so much grain of any kind is required.

In wet, hot weather the litter gets bad, and it is not fit even to scratch in. Keep everything cleaned up and fresh and dry.

Take care of the chicks after they are hatched. No use to worry over setting hens and incubators only to get to throw away dead chicks a little later.

Fighting roosters are harmful to the flock. They worry and injure themselves, and keep up a general excitement. What excites and disturbs the hens interferes with laying.

Don't try to save money by buying damaged feed because it is cheap. It is poor economy and a losing game.

Regularity in feeding is also important. Fowls soon learn the hour and the minute, and if feeding is delayed they become restless and uneasy.

Have everything in the poultry house moveable that it is possible to have so. It is so convenient in cleaning up if everything can be moved out. If all these movable fitures are in duplicate it is all the better, for then when one set is in use the other set can be out enjoying the weather and the death of mites.

Putting nice, fine sand where the chicks are fed early in life is a step toward nature, and it is a good thing to do, but not many do it.

Watch closely the early pullets. These are to be the layers for next winter and early spring. There will be some culls among them. Send the culls to market with the surplus early roosters.

Hay absorbs the moisture from manure more readily than straw; it is therefore better for litter under the perches than straw.

Have you any idea how many eggs your hens lay on an average per year? Some common farm hens lay one hundred and fifty, others fall short of seventyfive. If you could only know these hens apart and keep only the 150 kind, your flock would be more profitable, wouldn't it?

Don't neglect the drinking water this time of year. Drinking fountains are great now, a d they are not expensive. Fowls and chicks suffer more from thirst than they do from hunger.

A gallon or half gallon tin fruit can with small holes a half inch from the open end, and filled with water and inverted in an inch deep flat bottomed pie pan, makes a good drinking fountain. Sit the pan entirely level, and place a brick on top (bottom) of the can to weight it down. Keep all drinking vessels clean.

If the fowls, including the growing broods, have free access to the potato patch, the potato "bugs" have but a very poor chance.

Keep up a selection of the best all through the summer, and try in some way to know them when selling time comes—not to sell, but to keep.

WHICH AND WHEN TO MARKET

THERE is still a prevalent habit on the farm to keep the sea-raising of chicks until well into the fall, or even into the winter. After the summer's work and worry with the little fellows ,the farm wife does not like to see them go until they are grown. But it must be remembered that the object in keeping poultry at all is the profit there is in it—profit in actual sales or in what is consumed at home.

Whatever increases their profits is the thing to do, and we are quite sure one way to do that is to sell the earliest in the early market. Of course, such sales will comprise only the roosters and the cull pullets, but in so selling they bring returns when there are few other sources of income. True, they will not weigh as much as they will later, but they will bring more per pound. And you are done with them then. They are consuming no more feed, they are taking up no more room, and they are no longer in the way. Later, on account of increased weight, they may bring a little more in the aggregate, but less of it will be profit because of the additional expense in keeping them. A friend of ours is in the habit of keeping a flock of fifty or a hundred young roosters that she could sell in July

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William Galloway, President

The Wm. Galloway Company

503 Galloway Station, Waterloo, Iowa

or August at eighteen or twenty cents a pound, until October or November, when she does well to get eight or ten cents a pound. Even if they weigh twice as much at the time of the latter sale, she losses money, saying nothing of the extra cost and core she has bestowed on them.

THE BANE OF THE POULTRY YARD

HIGH weeds and grass are the bane of the poultry yard. You found that out last year and you knew it the year before. It is an experience you have had every year since you have been raising poultry, and you are right now in the midst of it again. The heavy dews or the water from passing showers hang on the high grass and weeds until quite late in the day, and the chicks and little turks get their death in it. Every year you have resolved that you would not face that disadvantage another year, but with most of our readers it is precisely the same this year.

It is not the fault of the women. We take it for granted that they have done their best; but with all they have to do they can not mow the yards and keep the grass down. The men folks ought to see to that. Chickens can not be raised in wet grass higher than their heads, and they can not do well in it even though they are kept penned up until the dew or rain has died off. The chicken runs should be kept closely cut; and if that is not practical, have it so arranged that they may be pastured at night and thus kept grazed close. The loss of chicks or turkeys after they are hatched is the surest reducer of profits, besides the painfully discouraging part of it.

CROWDING THE HOUSE

ONE of the weak points in farm poultry raising is lack of house room. The house was built most likely when the flock was small, and it afforded ample room; but success rapidly increased the flock, but it made the house no larger. The flocks, having become accustomed to the "chicken house," naturally expected all the fowls to go into it and be contented. In fact, there was no other place for them to go. The increased crowding was not observed, but it was noticed by and by that the flock which had been so healthy, sprightly and vigorous, began to droop, get more and more inactive, and finally showed unmistakable signs of deterioration and disease.

There is not room enough in the house; the fowls are crowded, the ventilation most likely is bad, and the air becomes laden with disease. Loss of vigor is the inevitable result, and failure in every part of the business. There are not so many eggs as formerly; the eggs do not hatch well, and the young chicks are far from being hardy. A great many of them die, and those that live do not make a satisfactory growth. The conclusion is that the strain has "run out," and new blood must be added, or the flock sold out entirely, and a new flock purchased. The fact is, the chicken house has run out, and any flock crowded into it as the ones in question have been, will get in the same condition. Increase the room as the flock increases, and better results may be expected.

If any reader of Up-to-Date Farming has failed to send for the catalog of the International Poultry Sales Co., Box 270, Brown's Mills, N. J., he should now write for it. These folks are the largest raisers of poultry in the United States and know what is required in an Incubator and Brooder. Valuable catalog costs nothing.

The Hercules Mfg. Co., 160 17th St., Centerville, Iowa, will send one of their stump pullers on free trial for 30 days. Anyone can try it at their expense. If you have stumps write for this special proposition.

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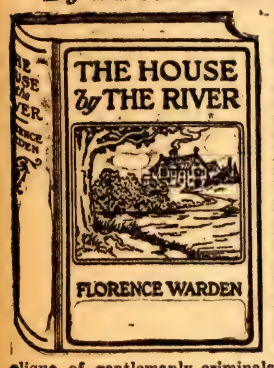
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"The interest of the story is deep and intense, and many guesses might be made of the outcome, as one reads along, without hitting on the right one."—Salt Lake Tribune.

The book has 321 pages with handsome lithographed paper cover. Unsurpassed for winter reading. I will send it with a year's subscription to UP-TO-DATE FARMING all for 50 cents. Mention JAN. 1, UP-TO-DATE.

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WHAT IS SHE FOR

THERE ARE more homes on the farm than anywhere else, and in almost all of them are growing up interesting girls, many of them getting to be young ladies. What are they for? They are to be homemakers and housekeepers. They may not live on a farm as their mothers are doing, but if they fill a woman's mission, they are to be the head of a home. What training are they getting for that great business?

The mother that makes a slave of herself to save her daughters from the harder and rougher work of housekeeping, is not doing her daughters a favor—not by any means. She is only making it harder for them in after life when the reality comes. Suit the work to the daughter's age and strength, but realize that it is up to you to prepare her for the work of life, to graduate her in the school of household management and housekeeping. Will you be proud of her when in after years you visit her in her own home? Will she disappoint some generous young man that was all too confiding and overlooked her faults and shortcomings? This depends largely upon her mother. Mothers often feel that they would rather do things than have their girls "potter" over them. But when will the girls get out of the pottering stage? Life in the home is a training school, and that important matter should not be neglected, for the girl's sake.

TO CLEAN RIBBON

THE following is a somewhat tedious process, but it has saved many a valuable ribbon that would otherwise have been unfit for use:

Wet the ribbon in cold water, then put it in a basin of soapy, hot water and let it soak. When the water has cooled to about blood heat, remove the ribbon from the water and stretch it upon a table—a marble top table is best if handy; if not, spread a clean cloth on any smooth surface and use it—having the ribbon perfectly smooth. Then take a whisk broom or a brush and clean the ribbon. After turning it and brushing it well, using plenty of water until all dirt is removed, brush it well with cold water. Then put the ribbon in clear water, lifting it up and down, but being careful not to squeeze it. Rinse through one water after another to remove all trace of soap and spread out smoothly in the sun to partly dry. When almost dry place evenly and smoothly between two cloths and iron with a warm iron until dry.

HOME THOUGHTS

Keep the hands white and smooth by the use of a little vinegar. After washing, or having the hands in soapy water on any occasion, dry them and pour about a teaspoonful of vinegar in one of the palms, and thoroughly rub all over both hands. The vinegar neutralizes the soap, and makes the hands white, soft and beautiful.

If troubled with diarrhea eat freely of blackberries and raspberries. Bananas are also good for the same trouble, and it is said that continued use of that fruit will cure even the chronic form.

Grapes, buttermilk, spinach and dandelion are all good for kidney trouble. Persons so affected should use freely of these articles.

"Children Teething"

Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

Tomatoes, onions, lemons and salt are good for a disordered liver.

One ounce of linseed oil, one ounce of turpentine and three-fourths of an ounce of cider vinegar makes a polish that will give a soft, oily finish to furniture and other wood work. Shake it until thoroughly mixed, then rub the furniture with the mixture. allow it to stand a short time, and polish it well with a soft, dry flannel cloth.

A partly cooked potato makes an excellent scrapbook paste. Boil a potato with the skin on until it is hot through, but not cooked. Cut off one end and rub the place over the piece you wish to paste in the book, then press evenly as with other paste. It will stick perfectly, and will neither discolor the paper nor wrinkle it.

To remove blood stains saturate with coal oil and wash n cold water.

Stains made on a window ledge by setting flower pots or cups upon them, may be removed by rubbing with fine wood ashes and rinse with clean water.

Vinegar water will clean and brighten gilt frames. Use one-fourth vinegar and three-fourths water, and apply with a soft brush.

To clean lamp burners boil with potato skins or in strong soap suds or vinegar.

To remove fruit stains from the fingers, dip them in strong tea, rubbing them well, and afterwards wash them in warm water.

A few drops of turpentine in hot starch adds luster to ironed linen, and a little powdered borax in the starch increases the stiffness.

Try flavoring a cake with vanilla and lemon extracts mixed in equal parts. You'll have something new, and it will please you.

If the furniture becomes scarred, rub it with a soft cloth wet with machine oil.

Act in Time

Is there any man alive in this great world
Who would slight a friend and give a rival aid?
Who would let a heartless thief go unharmed,
And lift a man who cheated him in trade?
Yes, there is, tho' you may answer "no!"

Such men are those who know, yet never try
To help themselves, when gen'rous help is nigh;
I would rather toil, and sell at beggar's price,
Than join Great Equity and gain a winner's slice!

Such men are those who think but never act,
Who wait until they find themselves too late;
Who grumble because God does not send them rain,
Then turn about and give cheaters gain!

Your crops are sometimes better ev'ry year,
And yet your farm in tatters does appear:
You fear on and toil, and only dimly know
That in your poverty is all your rival's glow!

Down with speculators! Down with the sword!
Down with the selfish hands that gain the world!
With Equity and all its noble line—
Act! Act! And help yourselves in time.

Crash!!—another wax record gone to smash!



If you own a Phonograph or Graphophone (Edison or Columbia) never buy another wax record for it. Get ONE Indestructible Record from your dealer.

Or let us mail one to you:—35 cents (for the 2-minute) or 50 cents (for the 4-minute), postage free, and a catalog with it. Give it the hardest possible test. Lend it to the youngsters. Toss it on the table. Drop it on the floor. Kick it across the room. Leave it in the sun. Then play it and hear a finer, clearer, purer, stronger reproduction—better music in every way—than your machine ever gave out before. Play it every day for ten years and you will still have it, good as new. Almost too good to be true? Try it! Prove it! Send for one!



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We make this special offer so that you may hear Columbia Indestructible Cylinder Records in your own home and play them on your own phonograph.

Any cylinder machine, of any make, will play Columbia 2-minute Indestructible Cylinder Records, and any cylinder machine can be easily equipped to play both 2-minute and 4-minute Indestructible Cylinder Records.

If you can not secure Columbia Indestructible Cylinder Records from your dealer, send us your 35 or 50 cents and we will mail one to you, postage free, and a catalogue with it; we know you will never buy another wearable, breakable wax record after you have heard *one Indestructible* Cylinder Record.

Make your choice—every one a real "hit"

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1458 Think It Over, Mary (Tenor Solo).
1460 Just Before the Battle, Mother (Tenor and Baritone Duet).

4-Minutes—50 Cents

3190 A Georgia Barn Dance (Military Band).
3195 The Old Oaken Bucket (Quartette).
3199 When You and I Were Young, Maggie (Counter-tenor Solo).

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Indianapolis, Ind.

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J. A. EVERITT, Editor, **INDIANAPOLIS, IND.**

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It should be read by every farmer. It is easy to take subscriptions for this paper. No matter what you have done for other papers you can do better for yourself if you represent ours. Write for plan and salary proposition.

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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

I GREET the Cadets today with the cheerfulness of June. Most of them are in the June time of life; some are early in May with the sweet flowers of hope just beginning to bloom around them. But I like the June time, when bright summer may be seen just ahead, and the perfume of the maturing flowers gives its pledge of better things in the very near future and of life's ripening fruit, the grand accomplishments, of hastening autumn. I wish for our writers the very best things that life can bring to good people, realizing fully that these things come in the wake of energy, industry, perseverence, and a steadfast purpose free from all evil influences that pull downward.

Once more we have a magnificent list of letters, and once more also we must be content with giving some names and addresses after our space is all filled.

DEAR CADETS: I am a subscriber for Up-to-Date Farming, and have taken it for several years. I think it is the best farm paper I ever saw; there are so many good lessons in it. I like to read the paper through, but I specially like the Cadet page. I am a little boy 19 years of age, and I am 6 feet tall and weigh 210 pounds. I live on a small farm where we raise corn. There is more corn raised in this part of the country than any other crop, but some wheat and hay are raised. I go to school during the winter, and work on the farm in summer. I like farm work better than any other kind of work. I would like to exchange post cards with some of the Cadets.—Willie Winn, Cave-in-Rock, Ill.

DEAR CADETS: I am a farmer, and am proud of it. I will be 19 January 14. I can do all kinds of farm work. I have been taking this paper for over a year now, and I wish every farmer would take it. I think the Equity System will some day have great power, and win a wonderful success. I enjoy reading the letters from the farm girls and boys. I would like to hear about farming all over the world. Our crops are corn, wheat, oats, hay, potatoes and trucking; also strawberries and fruit. We commenced May 6 to plant corn. We have more than an acre in potatoes and I dropped them all myself. I can drop potatoes as fast as a man can lay off and cover them. I would be glad to hear from more of the farmers. —William Zurchmeide, New Albany, Ind.

DEAR CADETS: I am a Pennsylvania girl, 22 years old, and live on a large farm. My father has been a subscriber for Up-to-Date Farming for about five years, and we all enjoy reading it very much, especially the Cadet letters. I can do all kinds of work in the house, but I haven't time to do much outside work. But I do enjoy working on the farm. We keep 8 cows and 9 head of horses, and a great many more stock. It is very nice to live here on the farm in summer, though it is a little lonesome in winter. We have to go about 3 miles to Sunday school and church. I feel sorry for Nellie Tipton, and will correspond with the Cadets of my age, and will answer all.—Myrtle Calflesh, Ursina, Pa.

DEAR CADETS: I do not take Up-to-Date Farming, but my brother does, and I think it a very good paper; I certainly love to read the Cadet letters. I am 18 years old, and live on a farm in the beautiful State of Colorado. My parents own a 320 acre farm, and I like country life fine. In this part of Colorado we raise potatoes, hay, grain, and all kinds of vegetables. We also raise some fruits. We have 35 cattle, 6 horses and 50 chickens. I would like to hear from some of the Cadets of my age.—Edith Bogleno, Dolores, Col.

A South Dakota girl suggests story writing, and that would not be a bad plan.

DEAR CADETS: My father takes Up-to-Date Farming and so does my sister. I like to read the letters and the little stories. I will be 14 June 5, and I would like a post card shower from the Cadets. I would have passed into the high school at the end of this term had we not moved to the country. We are now 27 miles from a railroad. I think it would be fun for about 12 of the Cadets at a time, so as to give them all a chance, to write stories for Up-to-Date, the best story to get a premium, and some of the best ones to be printed. I will be glad to answer any cards or letters sent me.—Irena Elwell, Boneita Springs, South Dakota.

DEAR CADETS: I am 16 years old and weigh 197 pounds. I can gather 16 bushels of beans in a day or pick up 85 bushels of potatoes. I want to get me a home before all this fine land is gone, but the law says I must be 21 years old before I can hold it. But if I were married I would be "the head of a family," and then I could get a 320 acre home free. Don't some of you girls think you could come out here and help me hold a place down? It will not be hard to do considering my present weight, and what it will be by the time I am full grown. There will be a great land opening here August 25. We expect all the public land will be taken then. We are fixing for a great barbecue, and expect about a hundred thousand people. The governor and five congressmen have promised to be here and make speeches. Better come and see the crowd and the country anyhow.—Tom Gaston, Willard, New Mexico.

DEAR CADETS: I am 15 years old and live on a farm of 80 acres. I like farm life. We moved here from Wayne county, Ill., 6 years ago, and we have also lived in Muncie, Ind. I take Up-to-Date Farming and think it a fine paper. I have sent in one club of five subscribers, and received some awful nice cards. I am interested in the Cadet letters, especially those about Nellie Tipton. We are having lots of rain, and it will soon be time to have cotton. We have 100 little chickens. I would like to exchange cards with the Cadets, both boys and girls.—Leah Gertrude Simpson, Sulphur Rock, Ark.

DEAR CADETS: I am 13 years old and live on a farm. We raise wheat, oats, barley and potatoes. This is a great fruit country, too. From our place we can see Mt. Hood. It is covered with snow all the year. My birthday is the 22d of February, and I don't have to go to school that day, for it is a holiday. My brother has been taking Up-to-Date for about two years, and we all like it fine. I expect to be a Pioneer of Equity soon. I will exchange letters or post cards with any of the Cadets.—Russell Nicholson, Boyd, Ore.

DEAR CADETS: I would like to become a Cadet of Equity. I am a western boy 13 years of age. My father has 320 acres of land, of which about 90 are in cultivation. We have 4 head of horses, 2 cows and calves, 3 turkeys, about 36 chickens and 16 sheep. We raise corn, wheat, oats and some other grains. We have lived on the same farm for 22 years. last year we threshed about 200 bushels of wheat, and there were agout 40 tons we fed as hay. I will ge glad to receive cards from the Cadets.—Dewey Irish, Deer Park, Was.

DEAR CADETS: I am a reader of your excellent farm paper and I find it very interesting. I am a Chicago girl 16 years old, and attend Northwest Division high school. I have enjoyed the Cadet letters very much, and would ge glad to exchange cards with the Cadets, though I am not a farm girl.—Minnie Krugh, 2146 Grand avenue, Chicago, Ill.

DEAR CADETS: I am 14 years old. We have 8 horses, 10 cows, 30 pigs and 300 chickens. We have about 180 acres and raise good crops of corn, wheat, rye and all kinds of vegetables, also peaches, pears, apples and plums. We have a nice house of eight rooms to live in, and we have an organ which I play well; I play for the church. I love to do fancy work, and do that most of the time. I have been reading Up-to-Date for some time and I enjoy it very much. think we all should thank Mr. Everitt for printing our letters. I will answer any mail I receive.—Myrtle Lafue, Corydon, Ind.

DEAR CADETS: I am a farmer's daughter, 18 years old, and have been reading the letters from the different states for some time. We think Up-to-Date a fine farm paper. I like farm life, and can do any kind of farm work. I love to raise turkeys, chickens and ducks. I have a brother 2- years old, and two sisters and a grother younger than myself. My birthday is May 28, and I would like to receive cards from all my Cadet friends. I would also like to correspond with some farm boy near my age.—Edna M. Francis, London, Ohio.

DEAR CADETS: Will you let a friend from eastern Virginia come into your midst? I am a farmer's daughter, and like farm life very much. My father has been taking Up-to-Date Farming for several years, and we like it very much; it is a fine farm paper. I like to read the Cadet pages specially . I live on a farm of about 150 acres, and our special crops are peanuts and corn, but we grow some clover, rye and other grasses. We raise lots of hogs, and have several horses and cows. We have considerable fruit in this part of Virginia, such as peaches, apples, pears and strawberries. I am 18 years old, in September, and would like to exxchange letters and cards with any of the Cadets. —Lucille G. Adams, Surry, Virginia.

DEAR CADETS: I have lived on a farm

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Our American made, stem wind watch beautifully designed case, factory-tested, guaranteed for 5 years, and this latest style double heart signet ring are given to boys and girls for selling 20 packets of high grade art post cards at 10c a packet. Order 20 packets to-day. When sold send us $2.00 and we will positively send you at once the watch, ring and chain.



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We give all grades of Watches for selling our fine Art Post Cards at 10c per pkg. Order 20 pkgs. today. When sold, send us the $2.00 and we will send you an elegant 5 YEAR GUARANTEED WATCH, also a FINE SIGNET RING and a CHAIN, postpaid, as per our premium list. IT COSTS YOU NOTHING. Write us to-day.



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Send 10c

If you know of any farm home in your neighborhood where UP-TO-DATE FARMING is not taken send it there as a present, for a trial trip of three months, for 10 cents.

Some Good Reasons Why Every Subscriber Should Do This

First: It is the only paper that gives practical helps in marketing.

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Send the coupon below and make Up-to-Date Circulate. Every farmer ought to read it this year.

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EDITOR, UP-TO-DATE FARMING,
Indianapolis, Ind.

Dear Sir: I will help give our paper a larger circulation, so I inclose

..... for ..... three months' trial subscription and attach the list hereto.

My Name .....

My Address .....

.....

Write very plainly to avoid errors.

all my life. I am 15 years old, and have been my father's housekeeper ever since I was old enough to do the work. I have neither brother nor sister. We own a 20-acre fruit farm, and the products of this part of the country are fruits, grain, cattle, sheep and vegetables. I like to read Up-to-Date, but I like the Cadet page best. I would like to exchange cards or letters with the Cadets.—Julia German, Nashport, Ohio.

DEAR CADETS: I have become very much interested in your letters, and that makes me wish to join you. I live in the eastern part of Ohio. It is a very nice country here. We raise corn, potatoes, oats, wheat and clover as farm crops; and the land is also well adapted to fruit. I live on a small fruit farm, and have mostly cherries. I am very much interested in the Equity plan of marketing, as I think under the present system the handlers make more than the farmers out of the products of the farm. So I think all of us should help Mr. Everitt to establish the system. I believe in being jolly and happy all the time. I was 19 years old May 7. I have a fine span of young horses, so if any of you are out this way I will take you buggy riding. I would like to hear from all of the Cadets, and will answer all the cards and letters I receive. I go to Sunday school every Sunday.—Roy E. Dundon,, New Milford, O.

You may find terms for clubs in every paper, Ray, and I would be glad if you would get us a large club. It would help to establish the Equity System.

DEAR CADETS: My father has been taking Up-to-Date Farming only two weeks, but we like it very much. We live in Woodbridge, which is only about 3 miles from Perth Amboy. I will be 14 August 7, and will graduate in June. I shall leave school to learn farming, as I am very much interested in growing things. We recently moved from Perth Amboy to this place, which mamma calls Fair View. Our farm comprises two and one-half acres, and the outbuildings are two chicken houses, 4 chicken coops and a calf shed. Our farm stock so far consists of a calf, 57 chickens, 2 cats and a dog. The place is new, with not a tree or flower on it till papa planted 14 peach trees, 3 apple and 2 quince trees. He is also planting asparagus and several hundred thoroughbred strawberries. My mother has been studying Bolton Hall's books all winter, and papa's favorite author is Prof. Bailey, of Cornell University. I would like to hear from Cadets in all parts of the country. I am going to try to become a Pioneer but I have not many chances, as New Jersey farmers are few and far between.—Marie Simonsen, Woodbridge, N. J.

But New Jersey farmers are a reading people. My father was born in that State, and lived there from 1793 to about 1820, when he came to Illinois. I have always felt an interest in New Jersey.

DEAR CADETS: I have been a reader of Up-to-Date Farming for some time. It is one of the best papers that comes to our home, and it will always be welcomed. If all the farmers knew what a good paper it is, they surely would not let the grass grow under their feet until they would have it in their homes. We all should thank Mr. Everitt for the room he gives us young people in his good and helpful paper. This is a beautiful country. The land is real level. The main crops are wheat, barley, oats, corn, speltz, potatoes and some fruits, and vegetables. I will try to get another club of subscribers soon. I am 18 years old and of a jolly disposition. Would be pleased to receive cards or letters from the Cadets.—Mary Reineke, Henry, S. D.

DEAR CADETS: I am 13 years old, and live on a farm where it is warm in spring and summer, and not very cold in winter. A cyclone came through here and blew some of my schoolmates' houses down, and now there are only 4 children going to school, because some of them were hurt in the cyclone. I have been taking Up-to-Date for a month, and I like to read the interesting things in it, and so do the rest of the family. I like to farm, and it seems to me that every one would like to live in the country, so they could read Up-to-Date and try its plans. I would like to exchange cards with any Cadet.—Phillip E. Frank, Gainestown, Ala.

DEAR CADETS: As I enjoy reading the Cadet letters, I thought may be some one would enjoy reading mine. I live on a farm of 160 acres, five and one-half miles northwest of Camp Point This is a beautiful country, and it is very thickly settled with nice people. I have been a reader of Up-to-Date for some time, and we ought to be thankful to the editor for giving us a corner. I am sending in my subscription and thus become a Pioneer. I am 18 years of age, and will answer all the cards I receive from the Cadets.—Loyd Manard, Camp Point, Ill.

DEAR CADETS: I am a jolly boy from the Lone Star State. The principal crops in this part of Texas are cotton, corn, ribbon cane, fruits and vegetables. I wish you Cadets were here to help me chop cotton. I live 6 miles from Sulphur Springs, the county seat, which has a population of 5,000. It has 2 railroads, 2 factories, an oil mill and a compress. I am 22 years old and weigh 160 pounds. I think Up-to-Date the best paper published, and I especially enjoy the Cadet letters. I would like to exchange cards with Cadets of all the States.—Charles T. Williams, Sulphur Springs, Texas.

DEAR CADETS: I am a subscriber to Up-to-Date Farming, and reading your letters made me decide to write one. I am a West Texas girl, and live on a farm a mile from town. O, how I enjoy it! We have two big ranches besides the one we live on, which is our home, and is a beautiful place. We have a fine residence in town. We lived there two years and then moved to the ranch. I raise chickens and have about 300 young ones. I sold ten weighing from one and one-quarter to two pounds for $4. I also milk the cows. We are well-to-do, but I work because I enjoy it, and if I ever have to do it I will know how it is done. We raise our own garden, but we hire the rest of our land worked. We have 600 acres of wheat and oats, and lots of corn and cotton, but I don't know how much. We have hundreds of head of cattle, but I don't know how many. I have a $300 horse I drive to my buggy. I am a Sunday school teacher, and go every Sunday. How I do enjoy teaching and going to church, and working for the Master. I hope the Cadet's won't think all Texas girls are wild. That is the idea some have, but it is wrong. I am going to Galveston later on in the summer. I would be delighted to exchange cards and letters with you all of my age, which is 19 years, and I will answer all I receive, whether from Cadets or others.—Mighty McCaskey, Decatur, Texas.

I am sorry to say I must now stop and give only the names and addresses:

Johanna Engelhardt, Saronville, Neb...	10
Ora Bramel, Flemingsburg, Ky.....	17
Nettie, Weighner, Wauzeka, Wis.....	13
George Stephens, Champagnolle, Ark..	12
Mae. B. Sheesley, Big Run, Pa.....	15
Ruth N. Cash, DeWitt, Ark.....	16
Jewel Maloch, Emerson, Ark.....	13
Henry M. Miller, Carfield, Pa.....	13
Mamie Treeman, Cochranton, Pa.....	15
Ozena Pace, Ashland City, Tenn.....	11
Ada M. Barns, Wapahoneta, Ohio	13
Ada L. Pattee, East Georgia, Vt.....	18
Clarke L. Van Sickle, La Fayette, Ill.	..
Anna R. Long, Harmon, Ill.....	16
Charles E. Young, Hyndsville, N. Y.	..
Everett R. Glaze, Elizabeth, Ind.....	11
Harry Hiller, Montoursville, Pa.....	14
Anna Akine, Fulton, Kas.....	15
Eva Steadman, Fingerville, S. C.....	21
Seba L. Barns, Wapakoneta, Ohio....	11

SPECIAL LETTERS

The following is from a letter from an American Cadet who is visiting in Canada, and we print it on account of the information it contains:

I came down on a visit a few days before Christmas, and my relations persuaded me to stay this summer in Ontario. I am in one of the best dairy sections in the world, at least the people claim so. Almost every farmer has from 12 to 75 cows, and 25 to 500 hogs. Cheese factories are not more than two miles apart. The soil is of a clay loam, and it yields as much to the acre as the west. The roads running north and south are two and one-quarter miles apart, and those running east and west are one and one-eighth miles apart; they are called concessions. I like it very well here, but there are most too many Englishmen to suit me. Many of them are from the city, and don't know how many teats a cow has. Reciprocity seems to be awakening the farmers some; they don't want it; but I think it is O. K. Seeding is about done, and corn ground May 1) will soon be ready to plow.—Kenneth Cobb, Verschoyle, Ontario, Canada.

Your own letter, Kenneth, condemns reciprocity so far as the United States is concerned. Bringing that great production into free competition with our farmers would inevitably glut our markets and lower the level of our prices, to the great injury of our farmers.

The first cost in buying a machine is not the only cost to consider. Especially is this true with a Cream Separator. A Sharples Tubular has the reputation of low up-keep expense. With the average user repairs cost an average of about 10 cents a year and the machine lasts for many years. Send for Sharples catalog No. 136, Sharples Separator Co., W. Chester, Pa.

There isn't a factory in the country where farmers are more welcome than at the big plant of the Wm. Galloway Co., 503 Galloway Sta., Waterloo, Iowa. Probably more farmers visit "Bill" Galloway in a week than visit any other factory in a year. Send for catalog if you want a cream separator, manure spreader or a gas engine.

For ornamental fence and farm gates write for the catalog of the Republic Fence and Gate Co., 231 Republic St., North Chicago, Ill. They will show you how it will pay to have their fence.

New metal roofing is sold by the Chicago House Wrecking Co., Chicago, at very low prices. Send for low prices catalog No. 204. Send a postal card for this big catalog listing everything.

The Fountain Head of Life Is The Stomach



A man who has a weak and impaired stomach and who does not properly digest his food will soon find that his blood has become weak and impoverished, and that his whole body is improperly and insufficiently nourished.

Dr. PIERCE'S GOLDEN MEDICAL DISCOVERY makes the stomach strong, promotes the flow of digestive juices, restores the lost appetite, makes assimilation perfect, invigorates the liver and purifies and enriches the blood. It is the great blood-maker, flesh-builder and restorative nerve tonic. It makes men strong in body, active in mind and cool in judgement.

This "Discovery" is a pure, glyceric extract of American medical roots, absolutely free from alcohol and all injurious, habit-forming drugs. All its ingredients are printed on its wrappers. It has no relationship with secret nostrums. Its every ingredient is endorsed by the leaders in all the schools of medicine. Don't accept a secret nostrum as a substitute for this time-proven remedy OF KNOWN COMPOSITION. ASK YOUR NEIGHBORS. They must know of many cures made by it during past 30 years, right in your own neighborhood. World's Dispensary Medical Association, Dr. R.V. Pierce, Pres., Buffalo, N. Y.

BOOKS FOR YOUNG PEOPLE FREE

BOUND IN HANDSOME RED CLOTH FINELY PRINTED, PROFUSELY ILLUSTRATED

We offer our young readers a set of books everyone of which they should read. They are absorbing stories of adventure, travel, great men, games, etc. Every home should have this entire library. All the books are bound uniform and are very substantial. Any boy or girl reader of Up-to-Date Farming can get one or more of these books for doing us a small favor. This is the list of titles:

WILD LIFE AMONG THE RED MEN.
YOUNG PEOPLE'S LIFE OF CHRIST.
BOYS AND GIRLS OF TWENTY-ONE NATIONS.
SUNDAY SCHOOL SPEAKER AND ENTERTAINER.
WILD ANIMALS OF THE JUNGLE FOREST.
THE AMERICAN SPEAKER.
CHILD'S HISTORY OF OUR GREAT COUNTRY.
STORIES ABOUT FAMOUS MEN AND WOMEN.
BIRDS AND ANIMALS.
LIVES OF OUR PRESIDENTS.
THRILLING STORIES BY LAND AND SEA.
RECITATIONS FOR YOUNG SPEAKERS.
GAMES, PUZZLES, CHARADES.
TRIP AROUND THE WORLD.
WONDERFUL FAIRY STORIES.
BEAUTIFUL BIBLE STORIES.
PILGRIMS' PROGRESS.
AMERICAN PIONEERS.
WILDS OF AFRICA.

250 Pages in Each, Size 7¾x9¾ Inches

Remember, these books are bound in handsome red cloth. Some of them have over 150 illustrations. All well printed on good paper and will prove an ornament to any library.

OUR OFFER We want the boys and girls of Up-to-Date Farming's big circle to get these books for a few minutes' effort. It is easy to get subscriptions for Up-to-Date Farming. Show the paper to your friends and they will want it. None of your older friends will refuse to subscribe. Get three one-year subscriptions at 25 cents each and we will send prepaid your choice of these big books as a reward. Or you can get one three-year subscription for 75 cents and we will send a book. It will only take a short time to get several books. Start today, and in one day you should earn two or three books. Send your clubs to

UP-TO-DATE FARMING, Indianapolis, Ind.

INDIANA FARM BARGAINS

I have several fine farms in Pulaski County, Indiana, only 85 miles from Chicago, the world's greatest market. These farms are improved. Soil is rich loam, very productive, well drained. Produce 18 to 35 bushels wheat; 50 to 90 bushels corn. Located in the famous Tippecanoe River valley.

Prices range from $40 to $75 per acre for improved farms.

My farms are close to thriving towns, good roads, churches, schools, telephone, rural delivery, interurbans, good neighbors, prosperous community.

For full information write to

OTA J. SHAW, Dept. A, Winamac, Indiana

Boys



We have one of these handsome automatic 350-shot repeating air rifles for each boy reader of Up-to-Date Farming. We want to give one to each boy free. Just do us a little favor and this reliable, strong, sure-shot air rifle is yours.

350 Shot Automatic Repeater

Show Up-to-Date Farming to six of your friends and get their subscriptions for a whole year for 25c each. Send us the $1.50 collected and we will send the rifle. Only takes a short time to get up this little club. Start out now. Send your club tonight and in a day or two you will be the proud possessor of this fine rifle. The Daisy rifle is guaranteed. Beautiful walnut stock. Nickel plated steel barrel. Strong, accurate, beautiful. We have one for you.

Up-to-Date Farming, Dept. B, Indianapolis, Ind.

WHAT farmer will refuse to pay $1.00 for a membership "at large," or $2.00 in a local union of the Farmers Society of Equity, to build a marketing machine for profitable prices when he knows he has been paying 25 to 50 per cent of his earnings to the exploiters of farm crops in the past?

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressixe ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

The Membership Fee

Is $2.00, which must be apportioned as follows: Put 20c in the local union treasury for general expenses and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year, 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The Emblem



of the Farmers' Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of Justice and Equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers' Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

How to Conduct a Meeting—Order of Business

We must have a system, an orderly proceeding in our local meetings. A certain amount of parliamentary dignity is necessary to the maintenance of good order and decorum. With this object in view, we would suggest the following system of conducting a meeting of the local union.

1. Call to order by the president.
2. Call the roll of officers, and note those present. The president will fill vacancies.
3. Call the roll of members, noting those present.
4. Reading and disposing of the minutes of the preceding meeting.
5. Call for applications for membership.
6. Reports of committees.
7. Does any member know of a case of sickness or distress in the neighborhood that needs especial attention?
8. Has any member anything that he wishes to sell?
9. Does any member wish to buy something which might be obtained in the neighborhood?
10. Does any member wish to employ a hand to work?
11. Does any member wish a job of work or know of a person who does?
12. Have any communications been received of interest to the members?
13. What are the general crop prospects of the neighborhood?
14. Is there any unfinished business to be attended to?
15. Is there any new business to be taken up at this meeting?
16. Discussion of special topics for the goor of the farmers and the Society.
17. Program for next meeting.
18. Adjournment.
19. Report of meeting by the secretary to headquarters.

SHIPPING LIVE STOCK

We frequently have requests for instructions how to ship live stock to the Equity System markets. To relieve our correspondence department we print instructions here so all may read.

In the first place there should be a local union, unless the member produces to ship in carload lots. When the various members bring their fat cattle, hogs, or sheep in, each lot is weighed and the weight entered on the local union books to the account of the owner. Cattle should be marked and numbered and instructions should be given to sell each one separate. Hogs are sold in lump, but if any members bring in one or more that is inferior, it is marked and sold separate if it fails to pass inspection. In a carload there may be a half dozen or more owners. The freight and expenses are apportioned equally. Don't overload. It is a good rule to load to the minimum only.

ORGANIZE LOCAL UNIONS AND SHIP THROUGH THE EQUITY SYSTEM.

—o—

GIVING TO THE LORD

We read of a farmer's wife who gives the value of the eggs the hens lay on Sunday to the church. The amount in this case is about $30.00 a year. So much for the spiritual welfare of the people. Where is there a farmer or his wife who could not save or make extra, $2.00 a year to build and maintain the F. S. E. for their industrial welfare?

—o—

HOW IT WORKS

Because of the threat to remove the protection from wool the value of a small flock of sheep declined $100 and the year's clip of wool sold for $50.00 less. For compensation the farmer is cheered by the prospect that free wool will give him his next suit of clothes 65 cents cheaper—providing the tailor does not forget to give him the benefit. Enormous quantities of wool purchased last year are still in dealers' hands, manufacturers are not buying and running short shift because of the uncertainty of the future. The tariff agitation is what is causing the trouble. Organize so you can be heard in the houses of Congress.

—o—

JUST GROWED

We can not dignify the present method of marketing farm crops by the name of "system." There is no system about it. It is 7,000,000 farmers producing fine grain, vegetables, fruit, meat, etc., and then dumping them. The result is that a lot of people got in the way of the stuff; or set up in business where the crops were being dumped to get hold of what the producers repudiated, for what they could make out of them through passing them along to the next people. The whole thing reminds us of the character, "Topsy," in "Uncle Tom's Cabin." It "just growed," as the result of dumping. No industry, outside of agriculture would survive a year under the same marketing conditions. But the fact that agriculture has survived can not be pleaded that there should not be a change. Organize local unions and establish a new system of marketing.

—o—

GO SOUTH, YOUNG MAN

While the North and West are living under the pall of low prices for many farm crops, the South is aglow with prosperity from 16-cent cotton. If Horace Greeley were here to advise the young man he certainly would not advise him to go west where the prospect of Canadian free grain, and live stock would stare him in the face. His advice would probably be to go South and away from the threatened competition.

—o—

A PROBLEM

Since the value of farm land in the United States increased about 150 per cent. in the past seven years, what will be the decrease in value in the next seven years under free trade with Canada, considering that the threat of it has reduced the price of crops 25 per cent?

—o—

A CALL FROM DENVER

Barry & Green, Equity System representatives on the Denver (Colorado) market, make an urgent call for new potatoes, water melons, tomatoes and peaches. The supply for that market should go from the states of Kansas Oklahoma and Texas.

What is true of Denver may also be said for all northern city markets. But our southern producers should not overlook nearer markets. There are many large cities in the Southern states that consume enormous quantities of stuff. Frequently these are overlooked by southern producers, who ship by or through them to northern markets. Already, this spring, the prices for green beans, cucumbers and tomatoes were as high in Birmingham, Atlanta and Memphis as in the northern cities, and transportation is much less. When the Equity System is fully established it will equalize distribution, consequently equalize values.

—o—

THE WRATH TO COME

The advertising department of Up-to-Date Farming received the following reply to its solicitation for a renewal order for advertising. It is self explanatory and confirmatory of the great injury to business that has resulted from tariff agitation.

UP-TO-DATE FARMING,
Indianapolis, Ind.

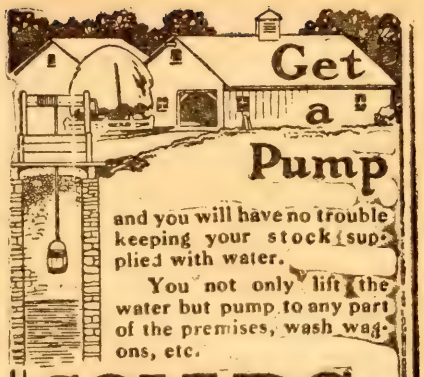
Replying to your letter I will say that I would be glad to continue advertising, but I have run my advertisement in three papers since January 15 and have not made a single sale of sheep. Have just had a few half-hearted inquiries. The solid fact is, the sheep trade is almost lifeless. We shepherds have been hoping against hope. President Taft and Congress seem to be determined to blot out the last vestige of protection to the farmer and sheep raiser. Wisdom cryeth from the farm, yet the voice is not heard. Yet a little while and the day of wrath will be upon the heads of all who are trying to crush out the life of one of the great industries of our country. I am very sorry to be obliged to discontinue my advertisement in Up-to-Date Farming, for it is the farmer's friend. I have great admiration for your paper.

Sincerely,
H. M. Culbertson,
Janesville, O.

—o—

Why Not Offer Prizes for Largest Money Yields?

The manager of the Texas Industrial Congress sends us an account of the $35,000 worth of prizes it offers for "the largest and best yields of various farm and garden products raised in the state this year," with a request to publish. We respectfully decline. If one-half of the prizes were offered for the best marketing, or the greatest returns in money from a given amount of ground, we would gladly print it as an evidence that the managers of the congress are awakening to the fact that there are two sides to farming. Money, not large crops, is the measure of success in farming, in our estimation.



Get a Pump

and you will have no trouble keeping your stock supplied with water.

You not only lift the water but pump to any part of the premises, wash wagons, etc.

GOULDS RELIABLE PUMPS

are the most dependable, easiest working and largest service pumps you can buy.

Write for our free booklet "*Water Supply for the Home.*" It contains many valuable suggestions on pumps and pumping.

GOULDS MFG. COMPANY
25 W Fall St., Seneca Falls, N. Y.

BE A SALESMAN



Earn While You Learn!

Trained Salesmen make from $1,200.00 to $10,000.00 a year and expenses. Hundreds of good positions now open. No former experience needed to get one of them. We will teach you to be a Salesman by mail in eight weeks and assist you to secure a position where you can earn a good salary while you are learning. Write today for free particulars about how to get one of the hundreds of good positions we now have open, also testimonial letters from hundreds of men we have recently placed in good positions. Address nearest office, Dept. 186

National Salesmen's Training Ass'n.
Chicago, New York, Kansas City
New Orleans, Seattle, U.S.A.

5 Fine POST CARDS Free

Send only 2c stamp and receive 5 colored Gold and Embossed Cards FREE, to introduce post card offer.
Capital Card Co., Dept. 130, Topeka, Kan

12 YOUR NAME IN GOLD 10c

or town greetings or Embossed colored Post Cards. 100 for 75c. N. L. MUNRO'S, 24 Vandewater St., NEW YORK.

REQUEST ADVERTISERS WANT TO *Know in what Paper their Advertisement was seen. Therefore We Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* READERS.

Free Beautiful Pictures Free



Send me 10 cents in stamps or coin to pay for a three months' trial subscription to my handsomely printed and most ably edited farm paper, printing monthly from 36 to 68 pages in color, profusely illustrated, brim full of practical information pertaining to all branches of farming; good stories, fun pages, pages for the woman folks; boys and girls, too, are remembered monthly in its columns. In short, a farm paper that is thoroughly enjoyed by every member of the family.

I will send this valuable paper to you for three full months upon receipt of only 10 cents and mail you absolutely free this beautiful picture, size 15x18, lithographed in 12 beautiful colors with an imitation wood frame effect.

This is not the ordinary kind of a picture you find scattered broadcast, but a real masterpiece, resembling in every way the genuine oil painting. It will prove a handsome wall decoration for the very best room in your home. It is free to you with a three months' trial subscription to Farm Life at 10 cents, or if you prefer to have four of these elegant pictures, all different, send me 25 cents for a 12 months' subscription to Farm Life and receive them free. Send your order to-day.

Address J. R. WOLTZ, 1322 So. Wabash Ave., Chicago.

FREE PICTURE ORDER BLANK

J. R. WOLTZ, Publisher,
Farm Life, Chicago.

Send me Farm Life for.....months, in payment of which I enclosed.....cents. Mail me free picture as per illustration.

NAME.....
TOWN.....
R. D.....STATE.....

ORGANIZERS COMMISSIONED

Since our issue of May 15, and in response to our call for organizers in that issue, the following have been commissioned. This army is being increased by new recruits every day. Most of these people will give all their time to canvassing for members and organizing local unions. But we are just as glad to get those who can give only part of their time. What we need is an organizer for every community (a town and the surrounding territory); or organi--ers who will make a thorough canvass of several such communities.

Up-to-Date circulates in nearly every county. The readers of the paper understand the Farmers Society of Equity movement. Therefore, why not depend on our readers to help us "put this campaign over?" The list below is gratifying, but it ought to be one hundred times as large.

Remember, we will issue a commission if you will undertake to organize just one community or more. Anybody can do this work the way we want it done and as we explain. Also it pays better than farming with crops at present prices. Get our proposition.

Read carefully the article "1911 Campaign to Organize Farmers," beginning on first page, then send the application blank on page twenty-two.

Our lady readers should notice the names of two ladies in the list.

The list follows:

Isidor Wolf, Baldwin County, Ala.
Chas. Sinks, Cleveland Co., Ark.
Walter Ross, Delaware Co., Ind.
Rev. Henry Carlyon, Clarke Co., Iowa.
C. S. Griffin, Penobscot Co., Maine.
Walter J. Keller, Lincoln Co., N. M.
Arthur A. Keller, Bay County, Mich.
Mrs. Martha Culbertson, St. Joseph Co., Mich.
Mrs. Jas. Howey, Charlevoix Co., Mich.
James Acker, Garfield Co., Neb.
F. A. Mitchell Dodge Co., Neb.
L. C. Carpenter, Branch Co., Mich.
Louie Meyer, Huron Co., Ohio.
F. B. Richards, Bradford Co., Pa.
William Terry, Bradford Co., Pa.
J. B. Riley, Lycoming Co., Pa.
Frank Griffin, Wayne Co., Pa.
G. W. Kegley, Wythe Co., Va.

The time is not "coming" when you should put your shoulder to the wheel, but it is actually here now. Your neighbors must be seen now, not next year. This must be done in every community, in every county, in every state in the whole United States.

Join our army. It is an army that is fighting for the greatest class of our people, for the greatest industry of the country, for the greatest principles ever announced. We have almost in our grasp the greatest victory ever won. All that is necessary is for the subscribers of UP-TO-DATE FARMING to pull as one man. Stand together boys and lets give the campaign a big boost in JUNE.

GETTING THE PRODUCTS TO MARKET

The following we take from our very valued exchange Farm Journal. We print it for the opportunity it affords to emphasize the inadequacy of the present way of marketing and to again point to the Equity System that this paper is constantly teaching and establishing.

Farm Journal says:

(1) The question of getting products to market is one of the most serious with which farmers are confronted. Our country is so vast, our products so varied and the area of distribution so wide, that an equitable adjustment of charges is difficult to obtain. (2) Congress long ago foresaw the difficulties and attempted their solution by legislative enactments, but inequality still prevails to a fatal degree. (3) We have the spectacle of a dearth of products in some parts of the country, while in others there is an overproduction of these very articles, (4) and owing to the cost of transportation the congested sections can afford no relief to those who lack, and the result is great loss in one direction and privation in the other. (5) The comprehensive system of inland waterways if carried to conclusion may, in part, relieve the situation, and (6) the completion of the Panama canal may also bring about better conditions; (7) but it will take a revolution in railway transportation methods to afford adequate justice to all classes and sections.

(1) At present it is. Could not the same be said of the products of any large manufactury—the International Harvester Company for instance—if it merely made its machines and then threw them overboard to a class of brokers, commission men, speculators and exploiters, through whom they must reach the people who need them? Or the Standard Oil Company affords a better illustration, because its raw material is produced in many states as farm crops are. We believe coal oil products would sell for two or three times present prices if it was not for the system that is followed through every process of production, refining, transportation and marketing. It is exactly the same way with the products of the farm. They need a system at the marketing end. (2) It is not a problem for congress unless the government undertakes the distribution of farm crops like it does mail matter. (3) Exactly what is bound to result because of lack of system. The supply is not known, or where it is, and the demand is not known or where it is. Until these two things are known there will be dearths and gluts. The gluts on markets and the waste at points of production cost producers every year as much as it would cost to apply the Equity System to the whole industry and maintain it for fifty years.

(4) Cost of transportation has nothing to do with the problem, (5) and waterways as comprehensive as our system of railroads would not relieve the situation a particle as long as farmers neglect, or refuse to systematize the distributing end of their business. (6) We are from Missouri. (7) Revolution in railway transportation, nonsense! As long as the farmer's eyes are scanning the horizon in search of remedies he'll find none. But when he looks down by his own feet he will see the trouble. Farming awaits a revolution at its marketing end.

The trouble is with farmers themselves and they must find the remedy in themselves. Organization is the only thing needful, because then co-operation will result and the System is ready to be applied.

—o—

F. S. E. EMBLEM ON MONUMENT

In a letter from a member we get the information that the emblem of the Farmers Society of Equity was engraved on the monument of Mr. James Howey, of East Jordan, Mich. Mr. Howey was a member from the beginning of the society and was vice-president of the Michigan State Union when he died last year. His surviving widow has continued to work for the Society and her sentiments could not be more beautifully expressed than through this act. Truly the marble shaft is a lasting monument to the virtues of a good man and a good movement that he loved so well. This is, no doubt, the first time such a use was made of the Society's emblem.

—o—

Binder Twine

Members of the Farmers Society of Equity and others who will become members, who need binder twine should correspond with the Equity System, Indianapolis, Ind., for something to their advantage. Organize your local union and buy co-operatively.

Youthful Strategy

Mr. Slimson—"Willie, didn't you go to the trunk-maker's yesterday and tell him to send round the trunk I ordered?"
Willie—"Yes, pa."
Mr. Slimson—"Well, here is the trunk, but no strap."
Willie—"Yes, pa; but I told him I thought you hadn't better have any strap."
—Sacred Heart Review.

I WILL GIVE THIS BEAUTIFUL PICTURE



To one person at every postoffice. The first one who writes will get it. The rich flowers are so perfect that you half expect to smell their sweet perfume. The picture is 15 inches long and 12 inches wide, and it will make a handsome addition to any home.

BE THE FIRST to write from your postoffice and you will get it without delay and without fail. The one cent you spend for a postal card to write to me on is all it will cost you. I will not ask nor expect you to send one cent of money. I am going to give you the picture and ask you to get one of your neighbors to send me 25 cents for something that is worth 50 cents. I am a publisher and I have adopted this plan of advertising my business. It is an absolutely new and original way of advertising, and, if you are the first one to write from your postoffice, you will be the one to profit by it. Remember, now I do not expect you to send me one cent of money; I shall not ask you to do a lot of work for me, and the picture will positively be sent to you by return mail. I will explain my plan in full to you and ask you to show it to ONLY ONE of your neighbors and get that neighbor to send me ONLY 25 cents. I will give so much for the quarter that the first one you see will jump at the chance. I will trust you absolutely to do this little favor for me, and I know you will be delighted to do it when you see the picture. Don't let anybody get ahead of you, but write today, mention this paper in which you saw my advertisement, and ask for the picture, "What Is Home Without a Mother," and say you are willing to do me the small favor mentioned above. If you write AT ONCE I will also offer you five other valuable presents, which will prove very useful to you.

MISS E. DEMING, 811 North 10th St., St. Louis, Mo.

Get a Rex Fountain Pen From Me



Write it to your friends that Up-to-Date Farming is the only farm paper out of over 400 that helps them to market their crops to get the most money. Tell them they ought to read it.

To write such a good message you should have one of my fountain pens. This pen is hard rubber holder and 14 karat gold point, writes smooth and last for years with ordinary care. Few articles are more desired and prized when obtained than a good fountain pen. This is a high grade one. They sell others where used.

My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years, or four subscribers for one year each and I will send the pen as a reward and guarantee it.

J. A. EVERITT, Editor, Indianapolis, Ind.

This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *Although I have only received three copies of Up-to-Date I can see that you are persuing the right course to help farmers. From the map in the April 15th number I see the Equity Markets closest to this place are Omaha, Kansas City and Denver. I raise alfalfa. (1) Can I market through the Equity System and get more than the local shippers pay? (2) What will the cost be? (3) I want to get a baling machine that makes a round bale—cost about $1400. Can you connect me with a person of means who will help me to handle my crop of alfalfa.—G. B. M. Will, Mitchell, Neb.*

ANSWER: (1) Yes. (2) The rate is 50 cents a ton on most markets. A condition is a membership in the F. S. E.—$1.00 if a member-at-large; $2.00 if of a local union. (3) No, but will print your wants here.

Q. *I have about 800 cords of wood to sell. Can you help me to a market? It is oak, ash, cherry, walnut and soft woods.—Carroll Culbertson, Three Rivers, Mich.*

A. Parties who want wood please write. The Equity System representatives are not prepared to handle wood now.

Q. *How many members had the Grange in its most flourishing days? (2) How many co-operative stores did it organize? (3) Don't you think the co-operative buying idea of the Grange could have been carried out more successfully if it would have been combined with the co-operative selling object of the F. S. E.?—C. M. Kerr, Westmoreland Co., Pa.*

A. (1) We can not tell, but reports speak of two to four million. (2) We have no way to tell. (3) It would most likely have supplied the element needful. Certainly with one million or more farmers organized to sell co-operatively on the plan of the F. S. E., the benefits would be so many and great that the organization would be maintained. With a permanent, satisfactory organization farmers can do about everything that they want to do, and that is legitimate. The Farmers Society of Equity has issued a circular No. E73 that enumerates some of the things a local union can do.

Q. *Can we get help through headquarters to organize? (2) What will the expense be to us? These questions are asked every day.*

A. (1) Yes. (2) The terms are railroad fare, necessary expenses and $3.00 a day. If good meetings are arranged for the investment can be made very profitable, as in such cases the organizer's commission on members secured goes to the organizer, local union, or farmers who engage the services of the headquarters man.

Q. *Do you think wheat prices will be much higher before next harvest?—W. A. Vincent, Christian Co., Ky.*

A. It is all a weather and reciprocity matter. If reciprocity is defeated the price will gradually go higher, if it is made a law the price will probably go lower. But very good weather or bad weather in any large producing section will also have an effect. Neither of these can be definitely forecasted.

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

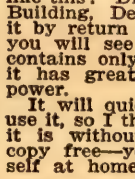
Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it it is without delay. I will send you a copy free—you can use it and cure yourself at home.

Don't Wear a Truss

FREE



STUART'S PLAS-TR-PADS are different from the painful truss, being made self-adhesive purposely to hold the rupture in place without straps, buckles or springs—cannot slip, so cannot chafe or compress against the pelvic bone. The most obstinate cases cured in the privacy of the home. Thousands have successfully treated themselves without hindrance from work. Soft as velvet—easy to apply—inexpensive. Process of cure is natural, so no further use for trusses. We prove what we say by sending you Trial of Plapao absolutely FREE. Write TODAY.

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Address—PLAPAO LABORATORIES, Block 59, St. Louis, Mo.

SCIENTIFIC RUPTURE CURE

Don't Wear a Common Truss or Appliance Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet Free



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CANCER TREATED successfully without operating. Send today for Free Book. **Pay When Cured**
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TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST., CHICAGO, ILL.

REQUEST ADVERTISERS WANT TO Know in what Paper you saw Them. TO their Advertisement you Especially Request You to mention UP-TO-DATE every time you Write to Our Advertisers. READERS.

A Local Union at Every Market Town and City

(Concluded from First Page)

Organization Necessary

MONEY, not large crops, is the measure of success in farming.

To get enough money there must be a market that will pay a profitable price and the producer must know where the market is.

To get that knowledge there positively must be a degree of organization and a system. No farmer, standing alone, can hope to have a system that would give him the information.

But in the right kind of an organization—The Farmers Society of Equity—he virtually can get a report from all the markets of the country by stepping to his telephone.

It is often claimed that farmers do not make the money they ought to because they refuse to buy new machines, or new seeds or improved live stock. But this is not the real reason. Many times you have been very successful in producing only to meet defeat in the price when marketing.

So the weak point in the farmers' program is his marketing system. At every turn, whether selling or buying, he meets organization. He must in the future meet organization of others with an organization of his own.

The Local Union

The unit of the farmers organization is the local union. Before ALL the farmers can solve ALL their problems there must be a local union at each market town or city, and every important shipping station. But any community of farmers may solve SOME of its problems and ALL OF THEM PARTIALLY through a local union, even though it is the only one in the state.

Some of the Advantages of a Local Union

For our illustration we will take a local union of 150 members. (Local unions are organized only at market towns or shipping stations and all the farmers who market there constitute the logical membership.) These farmers will sell, we will say, an average of $2,000 worth of produce a year. Then the total business of the local union in selling will be $300,000. If only five per cent. is saved in marketing the gain will be $15,000. But the gain will be much more than this, because the co-operating farmers will control their marketing and they will be able to push the prices beyond what otherwise would be the market price.

It is also just as practical for the local union to buy supplies for its members. If it does, the volume of business will be increased very much and the benefits, correspondingly.

A Definite Example

Eggs are produced on nearly every farm. Each of 150 members of the local union will have, say, twenty-one dozen a week. Without a local union these eggs were sold or traded to one of the local buyers who would ship the surplus frequently to the city markets, and, of course, take his profit. When there is a local union all of the 150 members will deliver their eggs to the secretary. That will be about 3,250 dozens a week and about 169,000 dozens a year. This quantity will make it practical to ship to the final market once or twice a week. If the current price is not satisfactory they may be stored for the account of the local union to be sold at the high winter prices. If only three cents a dozen extra is obtained by this plan the gain for all the members will be $5,070.00.

All Farm Activities Included

If it is a dairy section a local union (or local unions at several adjacent centers) will enable the dairymen to set and get fair prices; if a sugar beet growing district the growers can positively do the same; if a district where corn, beans, peas or any other crops are grown for canning, pickling or preserving, local unions will enable the growers to set the prices. And the same way, with all local enterprises. If trucking or fruit is the industry, and if the markets are at a distance, then the national system, as explained in booklet E36B—The Equity System of Marketing—is invaluable in finding the best markets. Grain, live stock, cotton and potatoes all come in the scope of the F. S. E. System.



The farmer will step to his telephone and virtually get a report from all the markets in the country. Thus he will know where the demand is.

Home Government for Local Unions

Local unions are permitted to govern themselves limited only by the constitution and by-laws of the National union. Thus the thousands of local organizations, now in existence, can get charters from the Farmers Society of Equity and retain all good features of their old association while adding the advantages of the National Equity System of Marketing.

Every year great quantities of fine fruit and vegetables spoil because the report is, "There is no market." But this is not true. Statistics show us that there are millions of people who regularly, or at times, do not have enough to eat. We claim that as long as there is an underfed person in the world there is no surplus. It is a matter of knowing where the demand is, and where the supply is and connecting them. *It is the problem of marketing that the Farmers Society of Equity is solving.*

The Local Demand

In this plan there is no intention to ignore the local demand. Through the local union it is supplied more definitely, more economically, and with fresher stuff than was ever possible under the old system. The local union headquarters is the daily market where the local merchants, and all others who want vegetables, fruit, grain, etc., will apply. After the local demand is supplied the balance will be sent to other markets. This plan equalizes values in the country and the city—the only difference being the cost of transportation. A local union will be the best move any community of farmers can make even though their object does not include shipping direct, immediately, because, when the union is organized the local handlers will immediately bid higher for the produce.

Other Benefits

But marketing crops is not all. Through a local union of the F. S. E. a community of farmers work together in many other things. For instance: Helping each other in farm work, hiring help, protecting their property from trespassers or thieves, breeding stock, buying together, etc. The women make the local union highly valuable and entertaining in a social way while helping the husbands, fathers and brothers in their marketing problems. Even the young folks find it a means of getting better acquainted and any local union can be made a source of much entertainment by them. To all a local union, with its meetings and business, is highly educational.

Co-operation means a working together. Two men co-operate when they join forces to do what one could not do alone. From this illustration draw your own conclusions about the advantage of a local union of the F. S. E. at your market town with a large number of farmer members. Then each farmer will be as strong as all the farmers of the community combined, in his demands for equity in business. Also he will be backed up by all the other farmers in the organization, producing the same crops in all the states.

All Precedents Point Farmers to the Local Union Plan

If railroads need a station every few miles all over the country, and they do; if manufacturers need a representative in every town and city to sell their goods, and they do; if the great insurance companies find it necessary and profitable to have their agents in every community, and they do; then why should not agriculture, the greatest industry, and the most important one of all, have its local business organization at each important market town or city?

There can not be a single argument against this plan. Every reason that other industries had for adopting a business system can be pleaded for agriculture. In fact, they can be pleaded stronger for agriculture because it is the foundation of all the others and farmers are the backbone of the country's prosperity. Therefore, whatever makes the foundation more secure and strengthens the backbone helps and strengthens all the others.

Farmers must work together more.

The way is the local unions of the Farmers Society of Equity.

Begin to get members for your local union today and send the application blank today.

(In our next issue the title of our Campaign article will be "An Equity Hall and a Co-operative Market and Store in Every Market Town and City.")

APPLICATION BLANK

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I, ... of .....P. O. Rural Route.....

County ..... State .....hereby make application for a commission to organize a local union, or local unions at the following town, towns or cities: .....

.....

My age is ..... years. My business is .....Are you a member of the Farmers Society of Equity? .....

Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?..... How much time can you give to the work?.....

I give as reference: .....

Please make the attempt to organize one community.

For Father, Son, Brother, Uncle, Nephew or Grandpa

$5.00 Safety Razor for Only 97c

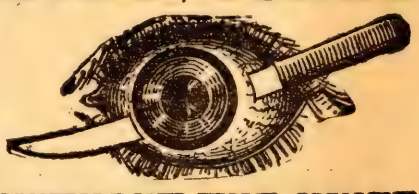


Beautifully silver plated with stropper, handle and holder, a full set of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade $5.00 outfits sold in stores. Remember this Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States.

All you need to do is to refer to this ad, enclosing ninty seven cents, with your name and full address and the complete Grains SafetyOutfit exactly as described will be sent at once fully prepaid.

L. C. GRAINS COMPANY
23 Pulsifer Bldg. Chicago, Ill

EYES CURED



WITHOUT THE KNIFE

Grateful Patients Tell of Almost Miraculous Cures of Cataracts, Granulated Lids, Wild Hairs, Ulcers, Weak, Watery Eyes and all Eye Diseases—many have thrown away their glasses after using this magic remedy one week. Send your name and address with full description of your trouble to the H. T. Schlegel Co., 5630 Home Bank Building, Peoria, Ill., or fill out the coupon below, and you will receive by return mail, prepaid, a trial bottle of this magic remedy that has restored almost blind to sight.

FREE. This coupon is good for one trial bottle of Schlegel's Magic Eye Remedy sent to you prepaid. Simply fill in your name and address on dotted lines below and mail to the H. T. Schlegel Co., 5650 Home Bank Building, Peoria, Ill.

.....

.....

Given FREE to GIRLS



Beautiful Gold Adjustable Signet Bracelet, guaranteed 5 years, also new stylish Signet Ring, for selling 8 pkgs. of our souvenir post cards. Order 8 pkgs.; when sold send us money collected and we positively send you Bracelet and Ring free. Write for cards today. Address S. M. Wright, Dept. 141, Topeka, Kansas

REQUEST *ADVERTISERS WANT TO Know in what Paper seen. Therefore We* **TO** *their Advertisment was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

Since John Quit Drinking

By John's Wife



I'm the happiest little woman
In all this little town;
And my merry laugh and singing,
Takes the place of sigh and frown,
For JOHN HAS QUIT HIS DRINKING
And is like himself once more,
And the world is just a paradise
With such happiness in store!
One day I read some verses—
"Mary's Miracle," the name,
And I said, that's John exactly,
And I'll send and get the same
So I sent for GOLDEN REMEDY,
(As sly as sly could be)
And I put it in John's supper
And I put it in his tea.
And it didn't taste a little bit;
Had no odor, so, you see—
It was smoothest kind of sailing
For little Doctor Me.
And I watched and prayed and waited,
(And cried some, too, I guess),
And I didn't have the greatest faith,
I'm ashamed now to confess.
And John never thought a minute,
He was being cured of drink,
And soon he's well as any one,
It makes me cry to think!
Just makes me cry for gladness,
I'm so proud to be his wife—
Since he is cured of drinking,
And leads a nice, new life.
"Since John he quite a-drinking!"
I can't say it times enough!
And hates and loathes a liquor
As he would a poison stuff.
And when I say my prayers at night
As thankful as can be—
I pray for John the most of all—
Then GOLDEN REMEDY.

Home Treatment For Drunkards

Odorless and Tasteless—Any Lady Can Give It Secretly at Home in Tea, Coffee or Food.

Costs Nothing to Try

If you have a husband, son, brother father or friend who is a victim of liquor, all you have to do is to send your name and address on the coupon below. You may be thankful as long as you live that you did it.

Free Trial Package Coupon

Dr. J. W. Haines Company
1424 Glenn Bldg., Cincinnati, Ohio.

Please send me, absolutely free, by return mail, in plain wrapper, so that no one can know what it contains, a trial package of Golden Remedy to prove that what you claim for it is true in every respect.

Name .....
Street .....
City .....
State .....

Murray Style Book

FREE



We Want Our 1911 Catalog In the Home of Every Farmer In America

178 pages filled from cover to cover with genuine Buggy, Harness and Saddle bargains; 251 illustrations, many in colors; 138 styles of Vehicles, 74 designs in harness; the biggest and best book ever printed in this line. Don't miss sending for it!

Murray Highest Award Buggies Direct from His Factory — Four Weeks Road Trial — Insures Safe Delivery — Two Years' Guarantee

Before buying any kind of vehicle, just get the 1911 Murray Style Book and compare Murray Prices with all others. Costs you nothing. You might as well have this book in your home.



The Wilber H. Murray M'f'g Co.
360 E. 5th St.,
Cincinnati, Ohio

Save $30.00

Send For This Free Book Right Now.

From Factory To Horse

Farmer Silas Pettibone

Effie Stevens

Farmer Silas Pettibone,
Sat a dozin, senses flown,
In his trusty old arm chair,
Head a nodding here and there,
Spec's a slipping down on his nose,
Paper resting at his toes,
Good old Silas Pettibone,
Pleasant dreams his sleep should own.



E'er he slumbered long and sound,
Dreaming dreams that were profound.
In his paper "Up-to-Date."
He had read of effort great,
To a million farmers' gain,
For fair Equity's campaign,
"Nothing like it ever known,"
Quoth old Farmer Pettibone.

Suddenly he gave a start,
Causing nose and spec's to part,
"Gracious Peterkins!" said he,
In a tone of boyish glee;
Up he sat and rubbed his eyes,
Filled the room with yawns and sighs.
Slumber had that moment flown,
From old Silas Pettibone.



Such a dream as he had had,
'Twould have made the trusts all mad,
For he seemed to see a throng,
Farmers stout, a million strong,
Pushing bravely to the front,
Eager for the battle's brunt.
Crying, "Higher price for toil
To the men who till the soil!"

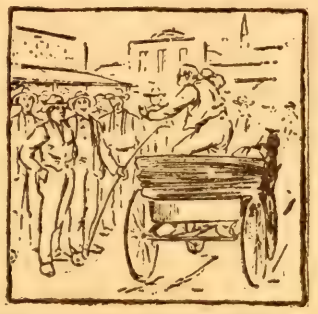
"They are right I'll have to own,"
Muttered Silas Pettibone,
"I must help that cause along,
Help them overcome the wrong
That has pushed the farmer down,
Stolen that most precious crown;
Independence from his brow;
I must go and help him now."



Up he got and grasp his hat,
Stumbled o'er the braided mat,
Hastened to the stable wide,
Harnessed Dobin for a ride.
Hitched him to the buggy old,
Sallied forth for conquest bold;
Ne'er was such a hustler known
As good Farmer Pettibone.



Up and down the town went he,
Gaining friends for Equity;
Twenty members new he won,
E'er the setting of the sun.
"If each one would work right smart
Equity would get a start,"
Said old Silas Pettibone,
As he sat once more alone.



Blessings may thy slumbers own
Good old Silas Pettibone!
Let us all take heart and do,
Work that's loyal, work's that true,
For the cause we love so well;
Of its purpose others tell,
Till it stands a mighty throng
Full a million members strong.

WHEN YOU WRITE

to an advertiser always take special care to

WRITE YOUR NAME PLAINLY

including the full address. You know what you mean but no one else does unless he can read it. Many mistakes and delays occur because names and addresses are not written plainly. Print it if you can't write good.

Needs Proper Marketing System

FARMERS SOCIETY OF EQUITY:

Please send me all instructions for organizing a local union. I fully realize the necessity for proper organization, especially here. We are a new colony, a little over a year old. We have organized an association but we are very much in need of a proper marketing system. I am a member of your Society and will ship through the Equity System. When I get my returns there should be no difficulty to organize here.—Mox Tobleske, Marion Co., Fla.

Later Mr. Tobleske wrote as follows:

I just received returns from my shipment of green beans to the Equity System and am perfectly satisfied. I shipped more and feel satisfied that returns will be O. K. on them, too. I got my membership card and button. I am proud to be a member of the Farmers Society of Equity. I think it's System is the only one for us in Florida. I will do my best to get the people here to organize a local union. With best wishes for the success of the F. S. E.

When writing to advertisers don't fail to mention Up-to-Date Farming.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

AGENTS WANTED—For two advertising propositions; also show cards and mottoes. Department 1, 1520 N. Leavitt St., Chicago.

AGENTS—To take orders for Flour and Feed; car lots only. Consumers Milling Co., Minneapolis, Minn.

SALESMAN WANTED—To sell trees and plants. Free outfit. Commission paid weekly. Write for terms. Perry Nurseries, Rochester, New York.

SALESMEN wishing to earn three to five dollars per day, write for terms immediately. First National Nurseries, Rochester, N. Y.

SALESMEN WANTED—We pay cash each week, pay expenses while canvassing, give exclusive territory and furnish complete canvassing outfit free. Experience in our line not necessary. Write today for particulars. Planters, write for special prices. The Griesa Nurseries, T. E. Griesa, Prop., Lawrence, Kas.

WANTED AGENTS—Suit, watch and furniture circle organizers, to organize circle putting out $30 and $35 articles for $20, including men's made-to-order suits and overcoats, women's suits, diamonds, rings, watches, furniture and carpets, sewing machines, etc.; good salary and commission. Keystone Tailoring & Supply Co., Dept. 12, 612 Smithfield St., Pittsburg, Pa.

Auctioneer Schools

MISSOURI AUCTION SCHOOL—Correspondence course. Free catalog, Trenton, Mo.

Farm Lands For Sale

FARMS FOR HOMESEEKERS, California and Oregon; new country. Farming, stock-raising, dairying, homesteads. Free booklet. L. F. Curtis, Com'r, N. C. O. Ry., Reno, Nev.

FOR SALE—Farms in the Red River Valley, Minn., on easier terms than paying rent. For information and list address S. D. Rouls, Tipton, Ind.

MICHIGAN FARMS and resort property, all kinds and sizes; terms or cash. Large list free. Isaac Kouw & Co., Holland Mich.

SOUTHERN MINNESOTA—25 improved farms, low prices and easy terms. A. H. Schroeder, Mankato, Min.

VIRGINIA FARMS AT $8 to $15 per acre. Land good; mild and beautiful climate. Write for catalog. Jeffreys, Hester & Co., Chase City, Va.

Farms Wanted

FARMS WANTED—We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help locate desirable property Free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL YOUR PROPERTY write Northwestern Business Agency, Minneapolis.

For Exchange

FARMS AND CITY PROPERTY for sale and exchange. Write me what you have or want, and I'll treat you square. D. M. Shelton, 1223 Brookside Ave., Indianapolis, Ind.

2,000 PROPERTIES TO EXCHANGE—Everywhere. Send description; deal direct with owner. Graham Bros., Eldorado, Kan.

Ginseng

GINSENG at $5.50 to $7.50 lb.; one of most profitable crops. My "Ginseng Culture," 10c, explains how grown. W. N. Long, Florence, Ky.

For the Home

A HANDSOME SILVER PRESENT, given absolutely free to every lady sending a stamp for postage. Address E. P. Harrington, 417 E. Fourth St., Cincinnati, O.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

Help Wanted—Male

CIVIL SERVICE EXAMINATIONS open the way to good government positions. I can coach you by mail at small cost. Full particulars free to any American citizen of eighteen or over. Write today for Booklet E839. Earl Hopkins, Washington, D. C.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-operative Real Estate Company, L511 Marden Building, Washington, D. C.

YOU ARE WANTED for Government positions, $80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming year. Influence unnecessary. Send postal immediately for list of positions open. Franklin Institute, Dept. K27, Rochester, N. Y.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

FOR SALE—48 of my last year's yearling Rose Comb R. I. Red breeders at reduced prices to make room for my young stock. February hatched cockerel free with every 12 hens. A. L. Sanders, Perry, Ia.

Situations Wanted

SCIENTIFIC AND PRACTICAL FARMER—Educated Kansas State Agricultural College and Cornell University. Desires position with land owner as manager. Experienced in fruit growing, general farming and labor saving machinery. Present contract ends in May. Capable of handling a large proposition on a scientific and up-to-date business basis. R. R. Keely, Ariel Lodge, Westwood, Mass.

Have You Ever Bought a Buggy By Mail?

Try This Buggy —30 Day Free Road Test



PERHAPS you are afraid there is a chance of being dissatisfied? Maybe you think there may be some mistake—that you wouldn't get the buggy you want—or that it's a complicated transaction? Perhaps the dealer in your town has led you to believe you will be cheated, or that you can't save money? Let us tell you something! Buying from a factory by mail through this advertisement of Phelps, maker of Split Hickory Vehicles, is the safest, most economical, easiest and most satisfactory way. You get just the Buggy you want, made to order—just as you want it. You can't run the slightest risk. First, because Phelps and his big factory are behind every claim he makes. Second, because every paper, in which he advertises, knows him to be responsible, knows he fulfills every statement he makes and that he protects their subscribers, or they wouldn't run his advertisements.



I Guarantee every wheel and part of the running gear to be made of triple A grade Straight Grained Split Hickory—the same grade exactly as this spoke which I send unpainted as a sample of the material used with every buggy I ship.

Split Hickory Vehicles

All trade-marked Vehicles—Phelps is proud of his buggies. He stands back of them. *You'll* be proud to own a Split Hickory Vehicle—the highest grade that's made. Auto Seat Buggies, Runabouts, Surreys, Carriages, Driving Carts, Spring Wagons, etc.

Phelps puts the *best* materials into his buggies—triple A grade straight grained Hickory in wheels and running gear. Why consider any other buggy? Phelps gives you the most for your money in every part—in workmanship as well as material.

When you get your buggy you get a sample spoke unpainted. Phelps guarantees every wheel to be made of the same straight grained second growth Shellbark Hickory as the sample spoke.

You can't afford not to know about the buggies Phelps makes—and his big money saving proposition. Save $25 to $75 on your buggy according to the style of vehicle you buy. Send for the book that tells you about this big saving.

Phelps Free Buggy Book For 1911

It's his only salesman. No dealer or middleman of any kind has ever had a cent's profit on a single one of the 125,000 vehicles Phelps has sold on this plan. He has taken off the price all of these profits and given them to his customers. This buggy book is a big display room showing 125 styles of vehicles of every kind. More than you could find in ten big towns or 25 dealers' stores.

In this Book for 1911 he takes one of his Vehicles and tears it all to pieces in a lot of photographs, showing you, together with full descriptions—all about every part of a buggy—how it should be made—what it should be made of—and *Phelps knows*.

Why not get acquainted with this method of doing business? Why not get acquainted with Phelps? The book doesn't cost you anything—he sends it free. You are under no obligations to buy. All of his Vehicles are sold subject to 30 days' free road test—with a two years' guarantee. You should have his proposition. You need the book as a reference on buggies. Why not write a postal for it today?



125 Styles of Vehicles of Every Kind. A Postal Brings This Book FREE

H. C. PHELPS, President

The Ohio Carriage Mfg. Co.

Station 99 **COLUMBUS, OHIO**

Largest Factory in the World Selling Vehicles Direct to Consumer.

Manufacturer of Trade-Marked Split Hickory Vehicles

Pass This Paper to Your Neighbor—Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | JUNE 15, 1911 | Number 12

1911		June				1911
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Up-to-Date Farming
PUBLISHED TWICE A MONTH
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JOHN P. STELLE...Associate Editor

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1911 Campaign to Organize Farmers

Under the Direction of the Farmers Society of Equity

THIRD ARTICLE

An Equity Hall and an Equity Store at Every Market Town and City

BELOW we print the contents of another circular that we send to organizers of the Farmers Society of Equity. We print this here to show some of the advantages of local unions and with the hope that many more of our readers will apply for a commission and help organize one or more local unions. An "Application Blank" is appended. There is not an agricultural community in the country but what would get immediate and increasing benefits through a local union and an Equity Hall and store. It will be easy, by our plan, to get enough farmers interested to organize in any neighborhood, but all the neighborhoods—the whole community surrounding the town—are brought into co-operation in this movement. But read what follows and then send your application at once.

Man is naturally a social creature. He seeks the society of his fellowmen. He likes to see them and hear them talk and he likes to do his share of talking. He soon takes additional interest in things that are much discussed. Truly, no man can live to himself and be happy; or work alone in this day and be fully successful. The more a man mingles with others, the greater will be his interest in living and in his work, and, if the mingling is for mutual good, the more successful he will be.

Promotes Social Intercourse

The plan of the Farmers Society of Equity embodies a free intercourse amongst all the members of all the farm families in a community. An exchange of ideas is always beneficial. In the local union meetings of the Society the business of the community will be talked over by the men and conclusions arrived at. The pleasure of such gatherings grow as the benefits through business increase.

But the business and social features of the local union need not be limited to the men folks. The ladies of the farm often market the butter and eggs and sometimes other crops. Therefore they are as much interested in it from the business viewpoint, while they and the farm boys and girls will come in for a share of the social advantages. In fact, with the local union of the F. S. E. as a base, a new social fabric in farm life is rapidly being built up throughout the country

To carry out the plans of the Farmers Society of Equity a local union should be organized at every town and city. As this is done at each place the need of a meeting place and to transact business is immediately felt. Therefore, each local union should take steps as promptly as possible, after organization, to provide an Equity Hall, elevators, warehouses, including cold storage, creameries, canneries and, perhaps, slaughter and packing houses—all the utilities for storing, controlling and selling the crops and for buying supplies.

(We have prepared a plan for an Equity Hall which we send to every

(Continued on Page 11.)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD
It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.
400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

Get Oversize Tires

Avoid Blow-Outs—Save Overloading

Goodyear No-Rim-Cut tires—10% oversize—cost no more than tires that rim-cut, or tires not oversize.

The sale of Goodyear No-Rim-Cut tires has multiplied six times over in the past two years. Over 600,000 have already been sold.

Sixty-four leading motor car makers have contracted with us for these tires. The demand from users is now so great that our mammoth factories run night and day.

This patented tire has become the sensation. It is saving millions of dollars to motor car owners. It is a tire that you should know.

No Hooks—No Bolts

The No-Rim-Cut tire has no hooks on the base. No tire bolts are needed to hold it on.

Into the tire base we vulcanize flat tapes made of 126 braided wires. These make the tire base unstretchable. The tire can't come off because nothing can stretch it over the rim flange. But when you remove one flange, the tire slips off like any quick-detachable tire.

This braided wire, flat tape feature is controlled by our patents. It is the only way known to make a safe hookless tire. That is why other tire makers still recommend the old-style clincher tire.

10% Oversize

The No-Rim-Cut tire, where the rim flanges flare outward, can be made 10% over the rated size and still fit the rim. And we give you that oversize without extra cost.

That means 10% more air—10% greater carrying capacity. And that, with the average car, adds 25% to the tire mileage.

This oversize takes care of your extras—top, glass front, etc. It avoids the overloading which causes blow-outs on nine cars in ten which have skimpy tires.

These two features together—No-Rim-Cut and oversize—will under average conditions, cut tire bills in two. Yet these tires cost you nothing more than other standard tires. Do you wonder that men who know these tires insist on getting them?



The No-Rim-Cut Tire

This tire fits any standard rim. Simply reverse the removable rim flanges—that is, slip them to the opposite sides. They will then curve outward, as shown in the picture above. The tire comes against a rounded edge, and rim-cutting is made impossible.



Ordinary Clincher Tire

In the ordinary tire—the clincher tire—the removable rim flanges must be set to curve inward. They must grasp hold of the hooks in the tire base, to hold the tire on. Note how those thin flanges dig into the tire when deflated. That is the cause of rim-cutting, which may wreck a flat tire in a moment.

GOODYEAR
No-Rim-Cut Tires

Our latest Tire Book, based on 12 years spent in tire making, tells many facts which motorists should know. Ask us to mail it to you.

THE GOODYEAR TIRE & RUBBER COMPANY, 35th Street, Akron, Ohio

Branches and Agencies in 103 Principal Cities *We Make All Sorts of Rubber Tires*

(324)

FREE

$5000 WORTH OF VALUABLE Prizes Given

ABSOLUTELY FREE For Solving This Puzzle



Magic 15 Puzzle

Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

SEND IN YOUR ANSWER. YOU MAY GET THE HIGHEST PRIZE.

Only one answer allowed from the same family. I am offering these prizes in order to introduce and advertise the high-grade Purcell pianos. I will send you the prize you win, with full particulars. Send in your answer at once, on this or a separate sheet of paper, to

I. S. PURCELL
Dept. 28 . 14 Western Avenue, Chicago, Ill.

BUNDLES

of this number, 25 copies for 25 cents by mail. If it was valuable to you it will be to your friends. Send silver or stamps.



H. C. Phelps

Let Me Pay the Postage on My Big Free Buggy Book to You

Though these books cost me 21 cents each, yet I'll gladly send you one free because I want you to know about Split Hickory Vehicles—made-to-order—sold direct from factory to you at home on 30 Days' Free Road Test—guaranteed 2 years.

Book Tells How I Save You $25.00 and up on Split Hickory Buggies

—tells why I can save it to you and just where the saving comes in—also tells how I save at the same ratio on over 100 styles of Split Hickory Vehicles—more vehicles than you could see in 10 big store rooms. Better send for this book, sit down of an evening and look it over. It's full of actual photographs of Vehicles and Harness of every description. It's my latest and best book—for 1911—and it's truly a Buggy Buyers' Guide. It not only gives descriptions and prices in detail, but also tells how good vehicles are made—why they are better made my way—all running parts made of second growth Shellbark Hickory, split with the grain, not sawed across it, thus giving extra strength and long wearing qualities. It tells about one of my latest features—Sheldon Genuine French point automobile springs, making the easiest riding buggy on the market—even riding over rough roads is a pleasure with a "Split Hickory."

Buying direct from the factory brings you in touch with the people who make your vehicle. My two years' guarantee is to you direct—my 30 Days' Free Road Test is to you direct—my price to you direct—no roundabout transaction as when buying through a dealer—keep the dealer's profit to buy other things with—all meaning a big saving and more satisfaction to you.

Will you let me mail you the book? Will you write for it today? Address me personally

H. C. Phelps, President,
THE OHIO CARRIAGE MFG. CO., STATION 99, COLUMBUS, OHIO



Split Hickory Vehicles Sold Direct from Factory to Home. 30 Days' Free Road Test—Two Years' Guarantee.

Write For Split Hickory Buggy Book Today-Free

Free Beautiful Pictures Free



Send me 10 cents in stamps or coin to pay for a three months' trial subscription to my handsomely printed and most ably edited farm paper, printing monthly from 36 to 68 pages in color, profusely illustrated, brim full of practical information pertaining to all branches of farming, good stories, fun pages, pages for the woman folks; boys and girls, too, are remembered monthly in its columns. In short, a farm paper that is thoroughly enjoyed by every member of the family.

I will send this valuable paper to you for three full months upon receipt of only 10 cents and mail you absolutely free this beautiful picture, size 15x18, lithographed in 12 beautiful colors with an imitation wood frame effect.

This is not the ordinary kind of a picture you find scattered broadcast, but a real masterpiece, resembling in every way the genuine oil painting. It will prove a handsome wall decoration for the very best room in your home. It is free to you with a three months' trial subscription to Farm Life at 10 cents, or if you prefer to have four of these elegant pictures, all different, send me 25 cents for a 12 months' subscription to Farm Life and receive them free. Send your order to-day.

Address J. R. WOLTZ, 1322 So. Wabash Ave., Chicago.

FREE PICTURE ORDER BLANK

J. R. WOLTZ, Publisher, Dept. B
Farm Life, Chicago.

Send me Farm Life for.....months, in payment of which I enclosed.....cents. Mail me free picture as per illustration.

NAME.....

TOWN.....

R. D.....STATE.....



Rubber Roofing

Warranted For Twenty-Five Years.

FREIGHT PAID To Any Station East of Rocky Mountains, except Texas, Colorado, New Mexico, N. Dakota, S. Dakota, Wyoming, Montana. Special prices to these states on request.

ONE-PLY .... Weighs 35 lbs., 108 Square Feet, $1.10 per roll.
TWO-PLY .... Weighs 45 lbs., 108 Square Feet, $1.30 per roll.
THREE-PLY .. Weighs 55 lbs., 108 Square Feet, $1.50 per roll.

TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

Indestructible by Heat, Cold, Sun or Rain.

Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.

CENTURY MANUFACTURING COMPANY, Dept. 414, East St. Louis, Ills.

Bees on the Farm "Gleanings in Bee Culture" will help you get more pleasure and more profit from Bee keeping. 6 months trial subscription 25c Book on Bees and Catalog of Supplies sent free
THE A. I. ROOT COMPANY, Box 96, Medina, Ohio

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Enclose 2c stamp for reply.

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UP-TO-DATE FARMING, Indianapolis, Ind.

When writing to advertisers don't fail to mention Up-to-Date Farming.

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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Volume XIV | INDIANAPOLIS, INDIANA, JUNE 15, 1911 | Number 12

EDITORIAL

An Appeal for a Better System

WE WANT a better system of marketing. We have time and again appealed to the people to inaugurate and adopt a better system. We have not asked them to leap in the dark, or to accept something untried. The Equity System of getting farm products direct from the place of production to the place of consumption is in operation in many places, and is proving its benefits. But farmers, of all people, seem slowest to act. How shall we convince them that it is their duty and their greatest need to organize so that they can co-operate in the most important part of their calling, the marketing of their stuff? Perhaps we can't put the necessity for such action on their part in any stronger light than it is put in the following article which we copy from the New York World:

Another cent is added to the retail price of a quart of milk. This follows the addition of two cents to the pound of butter, of three cents to the dozen of eggs, to another little increase in the price of lard and bacon.

The increased price of milk makes a difference of about $6,000,000 a year to the people of Greater New York. The increases in the price of all foods make a difference which aggregates hundreds of millions. Food costs the average family more than any other single item, more than rent or clothes. A man may wear his last year's straw hat and his old coat, but he must eat new food.

The essence of the injustice in the high retail cost of food is the undisputed statement that the average dollar paid by the consumer the producer receives about thirty cents. When potatoes were selling last winter up the state for 25 cents a bushel the ordinary grocer was charging twenty cents a half peck retail, and there are eight half pecks in a bushel. Apples last fall rotted on the ground. This spring the street peddlers charged five cents apiece. Oranges bring the Florida producer less than a cent apiece.

There is not a bountiful supply of food, because the raising of food is barely profitable. On milk, the ordinary farmer makes less than a cent a quart over the cost of feed and labor to pay him for his own labor and for the value of his farm, horses and machinery. The average farmer does not produce 200 quarts of milk a day. He could make more money taking his horses and working as a teamster. To raise an acre of potatoes costs from $40 to $60 in fertilizing, labor and seed. To come out even the farmer must raise at least a hundred bushels to the acre and get forty cents a bushel.

Twenty cents a pound for bacon at retail does not mean that the farmer is getting twenty cents a pound for his hogs. He nets less than six cents. Twenty-five cents a pound for steak does not enable the farmer to get seven cents a pound for his steers.

This is the simple reason why food is comparatively scarce. If the manufacturer of shoes received only one-third of the retail price, how long would shoes be abundant? If a builder was paid less than a third of what the real estate agent sold the house for, how much building would be done this year?

Everybody grows rich from handling food except the man who raises it. The meat packers pay big dividends on an enormous capitalization. One of the milk companies which has just increased prices paid dividends of 22 per cent. last year. The restaurant business is profitable. The Fifth avenue and Broadway hotels make more profit off the sale of food than do all the farmers of all the counties between New York and Albany. Commission merchants grow rich. The grocery business is now capitalized and its securities floated in Wall street.

How many farmers get rich? Of the many rich farmers' sons, how many of them made money by raising food?

In few cases does the consumer get the benefit even when the farmer's prices drop. The retail prices of beef, pork and lard has not fallen from last winter's high prices, although the farmers are receiving from 15 to 20 per cent. less. The price of milk is to be advanced, although the milk companies always pay the farmers less in the summer than in the winter. Eggs are not cheaper, although the hens are just completing their laying season.

There is so much money in handling food and so little money in raising it that a skilled, rich and powerful class of food middlemen has developed. The meat, milk and flour companies, the commission men, wholesalers, jobbers and retailers take to themselves more of the consumers' dollar than the farmer receives. It is to their interest that the price to the farmer be low, because that gives them a larger margin of profit. It is similarly to their interest that the price to the consumer be high, because that adds to their profits on the other end.

We seldom copy articles of this length, but how could the situation be more forcibly put? Users pay high prices, but farmers receive low prices. The prices paid by consumers are comparatively steady and high all the time; the prices paid farmers constantly vary, and are always below the general level of values. When leaving home with his stuff the farmer can scarcely know what the price will be when he reaches the market, except that he knows it will not be high.

This is all because of the way these things are marketed. Piling up in glutted markets gives greed its opportunity, and both producers and consumers suffer to gratify greed. If the stuff went directly from the farm to the place of demand, and in quantities sufficient only to supply the demand, prices would not fluctuate at the behest of greed, and producers and consumer would both be benefited.

As we have often said, this system is simple. It has been tried and proven successful. The transportation companies, the railways, favor it; and so do the trades people who are affected by it. The farmers alone hold back. Those who have tried it are enthusiastic, but the masses still exclaim, "A little more sleep and a little more slumber."

Organization and co-operation as proposed by us in very simple, but it takes organization to put this system in operation everywhere, and replace the system whose results are portrayed in the above article. Will the farmers do it? Can they be induced to do it, even when the stake to be won is so great? We will gladly give every possible aid.

Prices and Reciprocity

PEOPLE must study the Canadian Reciprocity agreement in the light of prices for farm products. The 1910 census will show that these prices have ruled higher during the past decade, which, in view of the work done by farm organization, may be called the "period of control," than during the preceding ten years. These prices, however, have already gone down from ten to twenty-five per cent. Whether this loss in price is attributable to the prospect for free trade with Canada or not, does not matter; the loss is on the farmers all the same, with no apparent reduction in prices charged consumers.

If this reduction continues, no matter from what cause, and it certainly will continue if farmers do not organize and co-operatively control their marketing, there will undoubtely be a revulsion of sentiment, not only among the farmers, but among others, which will be accompanied by an imperative demand for the abrogation of the agreement. This demand will find many who are now in authority in a very unenviable position.

But that is not the worst of it. An extended period of low prices for farm products can not fail to produce a general depression and financial panic, such as is mentioned in another article. About the only way to avert this calamity is for the farmers to organize on a plan that will effectively control prices.

Again the Cost of Living

IN SPITE of all that has been said and we presume it will still be so in spite of all that may be said many intelligent and otherwise reasonable people believe that the higher price they are required to pay for provisions and other articles that enter into the living, are caused by excessively high prices paid farmers for these articles or for the raw material of which they are made. Many articles have been written and figures and official reports have been quoted, to prove to the contrary; but those who are not farmers, many of them at least, look only to the farms for the cause, and see in a reduction of prices paid the farmers the only remedy.

But in the interest of justice and to prevent a national calamity, we must still urge the truth of this condition before the public. We herewith summarize an article written by Agnes C. Laut and published in the Technical World Magazine, both the writer and the publisher being undoubtedly not prejudiced in favor of the farmer.

As a gentleman and his wife, himself a farmer, were taking a train in a rural community for a visit to a city, boys came around selling grapes at two cents a box. The wife wished to buy a few boxes to take with them to the city, but it was decided to wait until they reached the city and buy them there, thus saving all bother with them on the way. To their surprise, they were asked forty cents a box for just such grapes in the same kind of boxes. The writer then gives other cases as follows:

Potatoes, price paid the farmer, 35c; cost to the city man, $1.50; advance, 300 per cent, of which only 30 per cent. went for freight and handling in the case he investigated.

Milk, price paid the farmer, 4c; cost to the city man, 8c; advance, 100 per cent.

Pork, price paid the farmer, 4c to 6c; cost to the city man, 20c to 30c; advance, 500 per cent.

Wood, $3 a cord; city price, $8; cost of cutting, $2; advance, 100 per cent.

Eggs, country price, 20c to 48c a dozen, or 2c to 4c an egg; cost in hotels, 30c for two, or 15c an egg! advance, 400 to 800 per cent.

Cabbage, price paid farmer, $1 per 50 cabbages, or 2c each; cost to city man, 10c each; advance 500 per cent.

Beef, per steer, $5 to $60 to the farmer; cost to the city man figured out on the basis of prices paid in the Senate Restaurant, $2,000; advance, 3,000 per cent.

Wheat, $1 per 60 pounds; breakfast cereal, 15c a pound, or $9 per 60 pounds. Bread, 8c to 10 per pound; advance, 800 to to 2,000 per cent.

In these figures any one ought to be able to find where the high cost of living is created. The lowest gain is 100 per cent, and from that the gain runs to 3,000 per cent. That is, at the very lowest, the price paid the farmer is doubled before the commodity gets to the consumer's table; and from that it is raised to thirty times what the farmer received. And the commodities quoted are by no means special selections. Every article that enters into modern living travels the same road from the producer to the consumer.

We are glad the investigations of the writer quoted includes freight charges, for many farmers are made to believe that the railroads absorb the profits and compel the high prices charged for provisions, etc., and thus hold down the prices paid the farmers. But it appears, and the same has been clearly shown by other writers, that the transportation charges form but a small item in the increase of the cost to consumers. In drawing conclusions, the writer emphatically declares: "Railway charges did not account for the difference between the price on the field and the price in the city market."

Again we quote:

The farmer alone created the wealth; but he didn't create it for himself, and he didn't create it for the consumer. He created it for the man who came between the producer and the consumer. A sort of colossus or giant, that appeared, as you thought about him, with one hand picking the farmer's pocket and the other digging into the city man's coat tails; with one foot out on the farmer's back and the other foot solidly planted on the consumer's stomach.

But we are not inveighing against these people. There were built up during the war period in this country, when government money circulated so freely in the North, habits of excessive extravagance, and these habits have grown into a spirit of greed that is hard to satisfy. City property is high, rents are high, labor is high and naturally business profits must be high. We are not saying these profits have not become exorbitant, for we believe they have. There is too great a difference between the prices paid for the products and the prices at which they are sold. But the development of inordinate greed has been gradual, and it had a well defined starting point in national conditions near fifty years ago. It is a characteristic of the modern commercial world rather than an individual trait or habit. Hence we may well ask what is to be done about it? It is difficult to educate a great class of people out of undesirable habits, or to cast out evil spirits of which the entire business world is possessed.

There may, doubtless there must, come a reaction, but there is a serious question whether such a reaction be not calamitous. It can come only through a crushing financial depression, a panic such as forces poverty on the millions and compels business to settle to the lowest level recognized by civilization. In the natural course of things, creative labor and commerce would then begin a tedious rebuilding, so slow that none now living

would ever see either where it is today.

Not so many thoughtful people would care to invite such a catastrophe; and yet that seems to be what the authorities are bent upon bringing about. It is conceded, and the above investigation proves that farmers are even now the poorest paid of all the great callings, but to the reduction of their meager profits every effort to lessen the cost of living is directed. These efforts may ruin farming, but at the same time it will depress all markets, compel the reduction of all outputs and prices for lack of buyers, rob the labor of its wage, and precipitate the panic of which we have spoken. But those means can not have the effect sought without the calamitous results mentioned, for the figures given above show that were no price at all paid for farm products there could be little or no reduction of the prices charged for food in the cities. The constant din for greater production when all demands are now supplied at acknowledged reasonable prices, and the free admission of Canadian products to our markets, can have no other purpose or effect than the reduction of prices paid farmers, and that, as has been shown, can not under present conditions, much reduce the cost of living, though it may bring in its trail the evils of which we have spoken.

This is the condition we are in and these are the efforts being made to change it. Admitting that it may be possible to restrain inordinate greed by the strong hand of the law, that has proven a decidedly doubtful process, and one of very varying results. The other plan is the slow one of education—to persuade people that they must be satisfied with lower prices and smaller profits, but as we have already said, greed can not be educated out of men when every condition favors its continuance and growth.

Then is it not wisdom, the very highest grade of wisdom, to direct every effort to the maintenance of our present prosperity, on the farm and in the shop, mine and factory? Several steps backward have already been taken, but it is not too late to regain them. Let prices remain equitable. Keep the demand for farm products well supplied, but do not glut the markets. Let the railroads have fair remuneration for carrying the goods, and let all classes of labor be reasonably rewarded. Thus take the burden from the cost of living by enabling the eaters to pay the price, restraining only the greed that extorts and plunders. In that way we may have equitable living, and still maintain national prosperity.

THE TARIFF DISCUSSION

DEBATE is almost always a bundle of contradictions, but the discussion of the tariff is worse than that. Congressman Kent, of California, got into a jingle the other day, and figuratively kodaked it in rhyme:

"He makes it clear to me
That what I lose, I gain, you see;
And on such things as clothes and shoes
I seem to gain, but really lose.
Thus, if I buy my socks too low,
They'll still be higher—he says so—
And shoes I thought were high last fall
Were really low shoes after all.
If I pay less for shoes,
Or hats, the maker has to lose;
And if he loses, then, you see,
He charges up the loss to me.
Now when I have to pay him more
He reckons profit to his store,
And Duncan finds a share for me
In all this great prosperity.
The speeches shed a radiant light
Upon the theme and make it bright;
I merely read them o'er and o'er
To find more's less and less is more.
In buying hat, or coat or vest,
Dear's cheap, and cheap is dear at best.
High's low, low's high,
Far's near, near's far,
White's black, black's white—
Then you're in a d——h plight.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the present term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$6 00@7 00
HOGS—At Chicago, per cwt. ..$6 00@7 00
POTATOES—Good to choice, at Chicago.....50@60
CABBAGE—Choice, at Chicago Per ton $20.00
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

THE grain market has been very erratic for some time, influenced by changes in weather and threatened or actual speculative squeezes. Two weeks ago cash wheat was up to 99c at Chicago. Now it is down to 93c, which is 10c a bushel lower than a year ago. Corn is about the same and oats 2c higher. Potatoes have been as erratic as wheat, at this time they are selling at the highest price of the season.



Sheep-Shearing—For Whose Benefit?
From the *Record* (Fort Worth, Texas).

Dry weather in a few sections continues. The most serious droughts are in the southwest, where the prospects for all crops have been reduced, wheat, oats and hay suffered particularly, and along the Atlantic coast, where early potatoes and other truck and fruit have suffered. Spring wheat prospects, both in our northwest and in Canada are excellent. The cotton acreage is large and prospects generally fine. Price of cotton is going down in anticipation of a big yield. Commercial reports are not very optimistic of business in the United States, but were never better for Canada. May we not conclude from this that the general feeling is that the long-agitated reciprocity agreement, if put through, will give Canada an advantage over this country?

The visible supply of wheat is a disappointment as it is slightly higher than two weeks before, against a decrease of 3,589,000 bushels in the same period last year. It is greater than it was in 1908, 1909 and 1910 at the same time. Chances for a real low visible when the new crop begins to go to market are not good. Corn, however, shows a large decrease. It should be kept in mind that 1910 gave the largest corn crop the country ever grew—298,297,000 bushels larger than 1906, which held the record before. If the crop this year is 300,000,000 or more bushels under the record it will mean 60c to 70c corn. This, of course, supposing that good industrial conditions prevail.

FARM PARABLE—Cold, wet May, bulging barnyard. Hot, dry May, small stacks of hay.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on May 27, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	May 27, 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	30,508,000	X 661,000
CORN	7,901,000	—2,261,000
OATS	13,006,000	X 127,000
BARLEY	1,347,000	X 12,000

The visible supply of grain in Canada on May 27, with comparisons, are as follows:

WHEAT—12,540,000 bushels. This was 2,839,000 bushels less than two weeks before and 675,000 bushels less than a year before.

OATS—6,300,000 bushels. This was 682,000 bushels less than two weeks before and 1,842,000 bushels more than a year before.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	May 26, 1911	May 19, 1911	May 27, 1910
American	1,934,579	2,045,991	1,965,408
Other kinds	1,183,000	1,182,000	1,166,000
Total	3,117,579	3,227,991	3,131,408

The total visible decreased 255,000 bales in two weeks.

Price of cotton at New York, June 7, 1911—Middling uplands, 15.95c; Middling gulf, 16.20c. Two weeks before, 5c per cwt. lower.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on June 7, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

	June 7	2 Wks. before	A Yr. before
Chicago	91⅞@93	98½@99¾	$1.30
St. Louis	.90 @92	94 @96	1.13
Kan. City	88 @89	87 @89	1.02
Cincinnati	90 @94	91 @94	1.10
New York	98½@99¼	97	1.05

CORN, No. 2, WHITE

Chicago	53¾@54½	54 @54¼	63½
St. Louis	.55 @55½	54¼@55¼	60½
Kan. Cty.	54 @54½	51½	63½
Cincinnati	57 @57½	53½@54	62
New York	61	62	67

OATS, No. 2, WHITE

Chicago	37½@37¾	35¼@35½	39
St. Louis	.38½@39	35½	39½
Kan. Cty.	36 @38	35 @36	38
Cincinnati	40 @40½	35 @35½	39
New York		41	44

MINNEAPOLIS—Spring wheat, No. 1, hard, $1.00; No. 1, northern, 97½@99½c. Two weeks before, 91½c and 96@98c, respectively.

Future Grain Prices

Chicago grain futures closed June 7 and two weeks before as follows:

WHEAT—July, 92¼c; September, 90c; December, 92c. Two weeks before, 87⅞c, 86⅞c and 88⅞c, respectively.

CORN—July, 54¾c; September, 55⅞c; December, 54½c. Two weeks before, 52½c, 53c and 51½c, respectively.

OATS—July, 37½c; September, 38c; December, 39c. Two weeks before, 34½c and 33⅞c, respectively.

Chicago Produce Market

June 7, 1911.

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

POTATOES—Arrivals by cars with comparisons, follow:

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
X 6,720,000	X 7,391,000	—3,589,000
—3,975,000	X 2,619,000	—2,371,000
X 2,339,000	X 2,669,000	— 588,000
—1,558,000	— 642,000	— 260,000

This Week.	Last Week.	Last Year.
Monday 41	28	58
Tuesday 35	x	35
Wednesday 24	48	35
Total, 3 days 100	76	128

xHoliday.

Market very strong. Sales today were at 55c to 70c. Demand is active, mainly on speculative account. Buyers were eager to get stock and most any price asked was readily paid. Receipts continue light.

Sales reported were: Michigan—3 cars at 55c, 1 car at 57c, 4 cars (1 car sacked late yesterday) at 60c, 5 cars at 65c, 4 cars at 70c.

Per bu. Michigan, round, white, common, sprouted to fair $ 50@ 53
Good to choice ..... 55@ 60
Fancy ..... 65@ 70

NEW POTATOES—Strong at 5c advance over yesterday. Sales today were at $1.40 to $1.45 for nice stock. Demand was good. Conditions are generally very strong. Light receipts are expected to continue and the prospects are for a higher market. Offerings are moderate and meet with ready sale. About 40 cars arrived today.

Sales reported were: 3 cars Texas Triumphs at $1.40, 5 cars Triumphs and 2 cars Cobblers at $1.45.

The market was quotable as follows:

Per bu., Texas, Triumphs, as to quality .....$1 35@1 45
Cobblers ..... 1 35@1 45
Small crates, 50 lbs. Mississippi, red, good ..... 1 00@....

The price of old potatoes is about 20c a bushel higher than two weeks before, and the price of new potatoes is about 35c a bushel higher.

HAY—Demand fair and market steady. Arrivals increasing a little.

Choice Timothy Hay .....$23 00@24 00
No. 1 Timothy ..... 21 00@22 00
No. 2 Timothy ..... 19 00@20 00
No. 3 Timothy ..... 16.00@17 00
Kansas and Oklahoma Prairie, choice ..... 16 50@17 00

The price is about the same as two weeks before.

BROOM CORN—Is selling in the same moderate way as for some time past. Little corn coming in, but no one is short. There is still corn in the country. Low grade corn rules dull and weak.

Illinois corn, per ton, depending on quality .....$ 80 00@120.00
Oklahoma, per ton, poor to good ..... 50 00@100 00

If badly damaged and stemmy no regular value.

The price is the same as two weeks before.

BEANS—The market remains inactive and nominal, at least so little is doing that it is not noticeable and nothing is heard about. Quotable:

Pea Beans—
Hand picked, choice .....$1 95@2 00
Good but not strictly hand picked ..... 1 85@1 95

Mediums nominally about same as Pea Beans.

Red Kidneys, depending on quality .....$3 25@3 65
Brown Swedish, depending on quality ..... 2 00@2 65

The price of Pea Beans is about 18c a bushel lower than two weeks before. Red Kidneys about 40c a bushel lower; others, no change.

EGGS—A moderate demand existed for strictly fresh laid eggs. There was a local call and some outside order demand for eggs which were known to be strictly fresh, and such lots sold all right. Stock, however, which showed heat and was shrunken and not sweet was dull, and receivers had more or less difficulty in selling such, prices for which, were irregular and depending on quality. Southern and Southwestern lots are the most discriminated against.

The price is about 1½c a dozen lower than two weeks before.

The Equity System Stirs Up the Local Buyers

"Prescott, Ia., June 5, 1911.

"FARMERS SOCIETY OF EQUITY.

"Gentlemen: Enclosed find my membership fee to join the Society. I have one car of fair No. 1 timothy hay to sell. Please let me know where to ship it, as I want to sell it right away. I also want your terms for organizing local unions.

"I am tired of the haphazzard way of marketing. I am thoroughly disgusted with it. Unless something is done to insure us farmers a reasonable price, compared with the prices we must pay for supplies many of us will have to go out of business. I will look for an early reply.—E. O. Bross."

We replied to Mr. Bross's inquiry, but before he got it he wrote as follows:

"Prescott, Ia., June 6, 1911.

"FARMERS SOCIETY OF EQUITY.

"Gentlemen: Yesterday I mailed a letter to you about my car of hay. Since it became known that I thought of shipping direct the dealers are after me and want to keep me from shipping. They first offered me $11.00; then $11.50; $12.00, and finally, $13.50. I told them that I had made up my mind to market through the Equity System. So hurry up instructions.—O. E. Bross."

(Mr. Bross was given shipping instructions and also was told that if any local buyers will pay $15.00 a ton to let him have it.—Ed.)

What the Country Owes the Farmer

WE FIND the following in a recent issue of a modern publication of national popularity:

The country owes something to the American farmer. He found the way from the New England beginning to the path-less West. His axe stroke in the forest awoke the silence of the ages. He built the church on the edge of the clearing. He contended with all the dangers of the frontier. He has given to the country a sturdy race of men. He blazed the trail from Daniel Boone's hunting ground in Kentucky to the valleys of California. He has fought the battles of California. He has fought the battles of the republic from Lexington to Yorktown, from Bull Run to Appomattox. Activity made his sinews, dangers and responsibilities gave him his character and the alertness of his eye. It is no flattery to say he has been the sinew of the republic.

The above extract shows that a few people at least understand what farming means to the people of the United States, and, indeed, to the world. But that is not all. When the nation suffers a calamity the farmers are the first to make sacrifices to minimize its effects. When it is threatened or in danger they are the first to rally to its support. When a panic comes, they are the first to feel its effects and the last to be relieved of them.

These all being acknowledged truths, is it not strange that the authorities seem constantly seeking to place additional burdens upon agriculture, or to take from farmers every opportunity for financial advancement? Even in the midst of legislation that is claimed to be for the uplift of agriculture, the farmers' most important interests are unknown, ignored or neglected. There is all sorts of talk about production, legislation to encourage and assist production, but there is never a thought of how much may be required or what effect an excessive surplus may have upon the price or the reward the farmers may receive. Failing, as these efforts have always failed, to secure greatly increased production, utmost means are sought to pour into this country from abroad unneeded surplusses, oblivious of the fact that such surplusses must reduce prices and take from the farmers their ever meager profits. Price is ignored in every pretended effort to aid farming, and yet profit is in the price and no where else. The Secretary of Agriculture has found that out and has told the world so, but the knowledge thus coming officially has no effect on those who "do so much for agriculture."

If there was a scarcity of stuff and an excessive price was being paid for farm products, then this one-sided boosting of agriculture would be excusable. But there is not a scarcity.

When the products are allowed to pass from the producers to the consumers there is an abundance. But when the stream is dammed up between the two, and excessive prices are built up where and after the stoppage occurs, there is no effort to remove the obstruction, but with both feet the agricultural boosters jump on the farmers and yell more products knowing full well that every grain of surplus, every grain too much, reduces the price and cuts down the profits to the actual producers, whatever it may add to the income of speculation. We do not care to hear that class of people brag upon the farmers. Assure the farmers profitable markets for their stuff and then we'll gladly help to boost production.

A SOUTHERN DEVELOPMENT

BEFORE the war the southern farmer was only a cotton planter. Now the southern farmer is a grower of crops, and in the fields of the south may be seen almost as great a variety of products as are found anywhere else. But the cotton planter is still there, not the dignified, steady going, unprogressive old gentleman of the other days, but the energetic, up-to-date farmer of the present. And cotton production is more important than ever it was. In the old days, cotton was grown only for the lint; now it brings with it by-products of great value the old planters knew nothing about.

For instance, statistics tell us that the total value of the crude products of the cottonseed crushing industries have increased 155 per cent. during the last ten years, and in 1909 aggregate a value of $107,538,000. In 1899 this total value was only $42,412,000. In 1909 cotton seed to the extent of 3,827,000 tons, worth $78,112,000, was used in the manufacture of thrse crude products.

The output of cottonseed oil in 1909 was 158,328,000 gallons, worth $55,-328,000. The cottonseed meal and cake for the same year totaled 1,674,-500 tons, the value of which was $40,-493,000. The cottonseed hulls that remained after these manufactures, aggregated 1,269,200 tons, and were worth $7,711,000. To all this must be added 175,512,00 pounds of linters, estimated to be worth $4,-006,000. There we have in 1909 a total value, as stated above, of $107,538,-000 added to a single southern crop, that was wholly unknown before the war, and it is made from what was then considered entirely worthless, except as the cotton seed was sometimes used as a fertilizer.

Bale your hay and make more money from it. Also bale for your neighbors and make money for them and yourself. Write Ann Arbor Machine Co., Box 422, Ann Arbor, Mich., for their valuable Baler Book.

Do you want to make more money and decrease your labor? More money from a smaller farm! It is done by hundreds with a silo. Write Indiana Silo Co., 320 Union bldg, Anderson, Ind., for big free book of facts.

Before you buy scales either large or small write for the proposition of "Jones, he pays the freight," 23 Tea St., Binghamton, N. Y. Jones makes some attractive prices and his scales are right—we use them.

EVERY FARMER should have a scale to protect himself against the dealer who shortweighs him and the stock which puts more in its belly than onto its ribs.

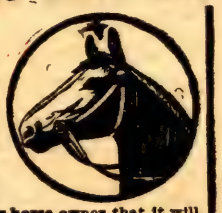
ANY FARMER who believes in fair play can buy scales from me at dealers' prices because the cowardly-trust-controlled dealer says that I can't sell you if I sell him, and your money is as good as his and your credit better. My price, my approval plan and all information is free. Tell me the scale and I will make you an offer. No dealers wanted.

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23 Tea St., Binghamton, N. Y.

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he can conveniently haul his produce to the market, take his children to the better city schools, drive oftener to the fields, and after the car has faithfully performed all its tasks, he and his family may enjoy the exhilarating pleasure of automobiling. Sum it all up and you will realize that the ***Marathon*** is the *most profitable investment* you can make. It will pay for itself by saving team, time and trouble.

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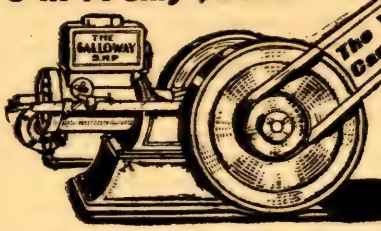
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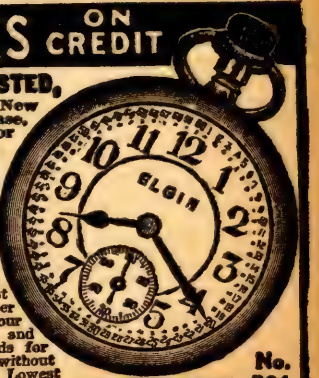
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Our cut price of $25.50 for this magnificent Elgin Watch, that will pass Railroad Inspection, is the greatest bargain ever heard of. **NO MONEY DOWN**—$2.50 a Month after examination by you. Whether you are a railroad man or not, this is the Watch you want. No matter where you live, we will trust you. **Send us your order today.** Write for our free Catalog, containing over 2,000 illustrations of Diamonds, Watches, Jewelry, Silverware, etc. It tells all about our easy credit plan, and how we send goods for your examination without one penny deposit. Lowest prices. **WRITE TODAY.**

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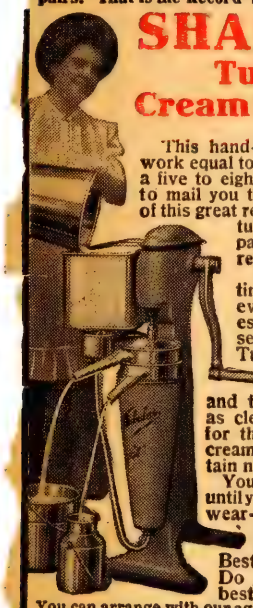
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Only One Dollar and Fifteen Cents for Oil and Repairs. That is the Record made by the Matchless

SHARPLES Tubular Cream Separator



This hand-driven Tubular did work equal to 100 years' service in a five to eight cow dairy. Ask us to mail you the illustrated account of this great record. See the pictures showing how the parts of this Tubular resisted wear.

Tubulars wear a lifetime. Guaranteed forever by America's oldest and world's biggest separator concern.

Tubulars have twice the skimming force of others and therefore skim twice as clean. Repeatedly pay for themselves by saving cream others lose. Contain no disks.

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THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore.
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The CLIPPER



There are three things that destroy your lawns: Dandelions, Buck Plantain and Crab Grass. In one season the Clipper will drive them all out.
Clipper Lawn Mower Co.,
Dixon, Illinois.



Ann Arbor
"THE BALER FOR BUSINESS"
Better Value—Same Cost
Ann Arbor Balers are the cheapest, safest, and the greatest money earning and time saving hay presses built.
Bale easier, quicker, are safer and stronger; make better, tighter, cleaner bales. Cost less to run—last longer. Positively guaranteed. Twenty-five years' success building hay presses; our established reputation is your best assurance of satisfaction. Prices reasonable. Write at once for printed matter. Box 472
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SAFE TO USE — BEST CONDITIONER

The Standard Veterinary Remedy. 21 years sale. Send for booklet.



Makes the horse sound, stay sound

DEATH TO HEAVES

The first or second $1.00 can cures Heaves. The third can is guaranteed to cure or money refunded.
$1.00 per can at dealers, or express prepaid.
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Don't Cut Out A SHOE BOIL, CAPPED HOCK or BURSITIS FOR ABSORBINE



will remove them and leave no blemishes. Cures any puff or swelling. Does not blister or remove the hair. Horse can be worked. $2.00 per bottle delivered. Book 6 E free.
ABSORBINE, JR., liniment for mankind. For Boils, Bruises, Old Sores, Swellings, Goitre, Varicose Veins, Varicosities. Allays Pain.
Price $1 and $2 a bottle at druggists or delivered. Will tell more if you write. Manufactured only by
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CALVES. Raise Them Without Milk
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HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

The Silo a Necessity

By T. A. BORAM

THE stock farmer must come to the silo. Its use by him is inevitable. He can't get away from it. Within ten years this contention will be proven.

The farm must carry more live stock. Continued market grain growing will bankrupt the farmer. Successful growing of live stock necessitates better feeding and greater economy in feeding. In this the silo is supreme.

Animal husbandry is the profitable side of farming. As land values increase live stock must meet the demand for greater revenue from the soil. More live stock is an economy in the production of the world's food supply rapidly being forced upon us.

Through live stock we market our products at home in the finished product. We can not market our corn stalks and hay in distant cities, but we can supply the world with meat and stock products.

Live stock husbandry gives us year-around employment, converting idle time during the winter season into profitable labor. We grow feed crops for live stock which do not exhaust the soil's fertility as do grains for the market. Cattle, horses, hogs and sheep grow nights and Sundays, every day in the year.

The silo is the one farm building needed to successfully bring together our feed crops and live stock and complete a trio which will increase our prosperity. The man who has a silo admits it. His testimony should be conclusive. Let us profit by the experience of neighboring farmers. To learn by our own experience is unnecessarily expensive.

The one constituent of our rough feeds—the one which comes nearer being worth more dollars than all those remaining—we have failed to save. This is succulence. That appetizing condition of the June grass—that of the fresh, green, juicy corn stalk—that condition which causes the animal to lay on fat in June, is not an element of the winter feed. It was there. Our short-sightedness, our failure to recognize it and take care of it—has caused us to store for winter use, at the best, very poor feed.

The silo preserves this succulence. It preserves Indian Corn, Kafir corn, sorghum, milo maize, for the cow, hog, sheep and horse, as does canning preserve the peach and all its juice and palatability for the king, himself. It makes a ton of roughage in the silo worth three tons outside the silo. Silage is appetizing—it creates appetite—the animal can't resist eating. The animal eats ordinary roughage from sheer necessity—to keep body and soul together. Meat and milk, flesh and bone, grow from what is actually eaten—not from what should be eaten.

With the silo an acre of roughage will feed a greater number of animals. Silage is convenient for feeding. Three or four days of filling the silo is an incident, only, in the farm work, compared with weeks of haying, cutting corn, stacking sorghum and Kafir corn. The silo helps dispose of the hired man problem.

We plow, plant and cultivate Indian corn and leave in the field over forty per cent. of its feeding value. We should stop such reckless waste. Build a silo.

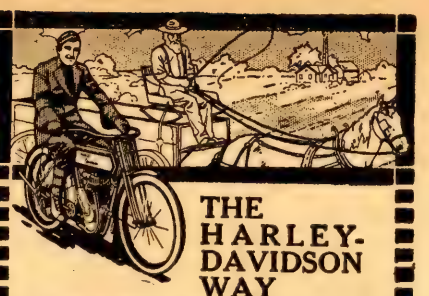
The silo is the cheapest farm building we can erect. A silo will house 100 tons of ensilage at a lower cost per ton than will the barn mow protect from the weather 100 tons of any other roughage. We all aspire to have a roomy barn mow. Why not get the silo first? It will build the barn and mow.

GOOD AS A REFRIGERATOR

One of the difficult problems on the farm is to keep the milk and butter cool. The use of a refrigerator is not general, and it is seldom that there is an ice supply. It is a common practice to swing the milk down a well, sometimes the well or cistern water from which the using water is taken. This is dangerous so far as the water supply is concerned. If the milk should be spilled in the well, even but a small quantity, the well will certainly be ruined, making it necessary to draw the water all out and clean the well or cistern.

Take a keg or barrel that will hold water; put a faucet in it near the bottom, and leave it open at the top. Fill with water fresh from the well. Have the milk in a narrow, deep vessel, and set it in the vessel so filled with cold water. In hot weather this water should be changed twice a day, and to facilitate the change is the object of the faucet; it makes it easy to draw off the water. A pipe or a trough leading from the faucet to the outside saves carrying the rejected water out, and a pump in the well with a pipe or trough leading to the vessel to be filled saves drawing the water from the well and carrying it in, work that women should seldom have to do.

A large stone jar is the very best vessel that can be used for this purpose except that a faucet can not be inserted in a jar. It is easy to make room for butter in a small bucket in the same vessel.



THE HARLEY-DAVIDSON WAY

THINK of mounting a motorcycle on the spur of the moment, and covering a distance that under ordinary conditions with a horse and wagon would approximately take 50 minutes, and doing it IN 15 MINUTES, less than the time it would take to harness up the horse, and all at a cost of 1-10 to 1-5 cent per mile. That's the always reliable gait of the
HARLEY - DAVIDSON MOTORCYCLE
"The King of the Country Road"

Then consider the amount of your time and money saved, in transportation, running and repair expense, and you must admit that it truly is the cheapest investment of all your farm equipment, thus putting the motorcycle far ahead of all means of transportation on the farm to-day
SEND FOR BOOKLET
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Send for prices with manufacturers' discounts on poultry and farm hard wire fence. Best of galvanizing. Great strength—long service. Write today.
The Ward Fence Co.,
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$2.95



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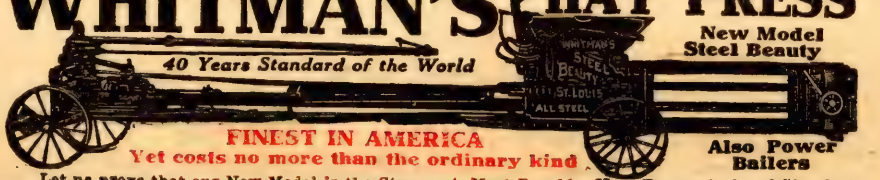
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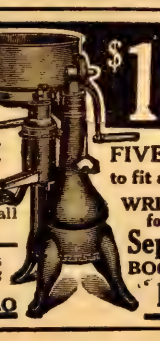


$1.60 FOR 100 LBS. AND UP

This is our price for our No. 9 gauge Galvanized Wire Shorts The terms Wire Shorts is to denote mill ends of regular fence wire. In the manufacture of wire the mills have lengths over that do not run continuously to a coil. We buy these under contract and put them up 100 pounds to the coil. As far as quality is concerned the wire is as good as any regular full length coils of wire. It is smooth plain galvanized. The lengths range anywhere from 25 to 150 feet, but we do not guarantee the lengths.
As near as possible we keep one or two gauges only to a coil. No farm is complete without one or two coils of these handy wire shorts. Extensively used by grape growers and for fence purposes. Sold as is, no come backs.
Prices per 100 pounds as follows: No. 9.....$1.60. No. 10.....$1.65. No. 11.....$1.70. No. 12.....$1.80. No. 13.....$1.85. No. 14.....$1.90. No. 15.....$2.00.

Barbed Wire: Fifty-four cars of four point Galvanized Hog and Cattle Fencing, catch weight coils, new, but somewhat weather beaten, per 100 lbs.,, $2.00
Twenty-Six Inch Woven Wire Fencing, brand new and first-class in every way, extra strong, per rod,... 19½c
Write for our Special WIRE CATALOG No. N.O. 204
CHICAGO HOUSE WRECKING CO., THIRTY-FIFTH and IRON STREETS, CHICAGO.

Special Factory OFFER



$18.90 and Up

Important Here is an amazing separator offer—a chance to get your choice of America's leading separator direct from the factory at factory prices—the same price which the jobber or wholesaler must pay. And you get it on a liberal 30 Days' Free Trial Plan. But you must act quick—right now.

Save HALF If You ACT NOW! Don't let this opportunity slip by to get the famous New Butterfly—the separator which has out-classed all competition. Amazingly low prices. Our Free Catalog explains all.

——30 DAYS' FREE TRIAL! A LIFETIME GUARANTEE!——
Shipped direct to your farm for a whole months' trial—any size—without sending us a cent in advance. Write a postal or letter for Free Catalog and Offer today. Do it now—right away. You'll save a lot of money.
ALBAUGH-DOVER CO., 2203 MARSHALL BLVD., CHICAGO

FIVE SIZES to fit any needs
WRITE NOW for our Big Separator BOOK - SENT FREE

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

PATCHING OUT WITH RAPE

WE CONFESS we have never done very much good with rape, though we have never given it a very exhaustive trial. Many farmers, however, use it successfully to patch out the pasture shortage that is liable to come at this time of year, and some prize it highly as a full pasture dependence for hogs, sheep and some other animals. Such farmers say rape makes a good pasture for hogs in the summer time. It may be sowed with oats and turned on when the oats are heading out. Even a small lot may thus make valuable pasture for quite a bunch of pigs, but the sowing should be done at the regular time for sowing oats. A few acres of corn fenced to itself may be profitably sown to rape when the corn is well advanced, and by the time the corn is matured the rape is ready for pasture.

Rape is often sown by itself, the ground being well prepared and seeded early. It then comes on for summer pasture. It may be so sown in different lots at different times so that fresh pastures may be coming on as the older ones become exhausted. Waste patches about the farm may be thus utilized, though as a rule that necessitates moveable fences and special arrangements for watering.

It is not best to let the rape get too large before turning onto it, nor is it best to turn on when it is too small. In the latter case it will be too quickly exhausted, and in the former the best part of the plant, the tenderest and most nutritious, is laible to get out of reach of the hogs.

FAT OR LEAN SOWS FOR PIGS

WE UNHESITATINGLY say, neither. It is easy to have the brood sow too fat, and it is easier to have her too lean. Some farmers believe a fat sow will not have so many pigs as a lean one, and that they will likely be smaller and weaker. It must be remembered that being fat or lean during gestation can have nothing to do with the number of pigs. That is determined at the mating and can not afterwards be increased or diminished. We agree that a sow excessively fat at mating may not conceive as prolifically as one in more moderate flesh, nor will one that is excessively poor. That is why we prefer the sow in moderate flesh—healthy, thrifty, robust and vigorous; and we prefer that she should continue in that condition through the entire period of gestation. But we would rather she would get too fat than too lean. The pigs of the fat sow may be small at the first, and we have imagined them actually poor; but they do not remain so long. The fat sow's pigs seem to leap into growth and development, and by the time the sow begins to lose her fat on account of the drafts the pigs make upon her, the latter are old enough to begin to eat and get more or less sustenance elsewhere, so that they never know anything about retarded growth.

It is not so with the lean sow. Her pigs may come all right because she has devoted her substance to their development; but she is now unable to give them what they need, and the result is slow growth and lack of vigor. No matter how she is fed, she can not eat and assimilate enough feed to build up her own exhausted system and supply the increasing need of her pigs. The continued result is slow growth and a forced search for other feed.

From these facts we conclude that the brood sow should be well fed; that she should be only moderately fat when bred, but that condition may be increased until farrowing time; that she is then able to meet the needs of her pigs, with sufficient reserve force to keep them growing vigorously until nature prepares them to take other feed.

Some of the present orchards in Virginia can be made into little gold mines. They are near the great eastern markets. Write C. B. Hart & Co., 62 Home Life Bldg., Washington, D. C., for a list of these bargain farms.

"Scrub" Cream Separators as Unprofitable as "Scrub" Cows

Advice of a great creamery concern to its patrons

All Creameries Recognize Superiority of DE LAVAL Cream Separators

All the big creamery and cream gathering concerns, with their years of practical separator and cream experience know the great advantages of the DE LAVAL Separators in farm as well as factory separation, and all of them will privately advise the purchase of a DE LAVAL separator, though the competition between them in their own business is so keen that some are reluctant to openly antagonize the agents and dealers handling various makes of other separators.

Great Omaha Creamery Always Recommends Purchase of DE LAVAL

The very successful and constantly growing David Cole Creamery Co., of Omaha, Nebr., the general manager of which, Mr. E. S. Snively, one of the most able and best-known creamery men in the country and for many years previously a Beatrice Creamery Co. manager, never hesitates, however, to come out "square and flat-footed" in favor of the DE LAVAL when asked for separator advice by patrons and those who would become patrons.

Mistake Not to Purchase the Best Separator, the DE LAVAL

We have just received a letter of the David Cole Creamery Co., in reply to a Missouri dairy farmer wanting separator advice, from which we quote the following instructive paragraph:

"We believe the DE LAVAL is the best separator made. We feel that anyone wishing to purchase a separator makes a great mistake unless he purchases the best machine on the market. No one can make a success of dairying by continuing to use scrub cows. Neither can he make a success of dairying by using scrub separators."

Sound Advice to Separator Buyers

That's the soundest kind of sound advice, by the giving of which the David Cole Creamery Co. is saving many thousands of dollars to its patrons as well as insuring to themselves a better quality of cream capable of producing a higher quality of butter, and the results show that month by month they are able to get more and better cream by telling the whole truth about separators to anyone who seeks it.

Safe Rule for Cow Owners to Follow

"No scrub cows and no scrub separators" is a rule every dairy farmer may wisely apply to his dairying, and be certain to derive profit and satisfaction from doing so.

We can't furnish the cows but WE CAN FURNISH THE SEPARATOR, and shall be glad to supply any desired information regarding the "World's Standard" DE LAVAL.

THE DE LAVAL SEPARATOR COMPANY

165-167 Broadway, NEW YORK
173-177 William St., MONTREAL
29 E. Madison St., CHICAGO
14-16 Princess St., WINNIPEG
Drumm & Sacramento Sts., SAN FRANCISCO
1016 Western Ave., SEATTLE

You Can Cure That Lame Horse Under A Bond Guarantee



A LAME horse means money lost. You can neither work him or sell him to advantage. There is no excuse for your having a lame horse about the place for **we absolutely guarantee Mack's $1,000 Spavin Remedy to cure spavin and send you a bond to back up the guarantee.**

He Asks You To Please Send This

This is a straight-forward business proposition that you cannot overlook if you have a lame horse. Not only for the sake of the horse—but for your pocket-book as well, you should read every word of this advertisement and then send the coupon without the loss of an hour.

Don't let your horse suffer—don't sell him for a few dollars—ask us to tell you how to remove the lameness safely, surely and quickly.

Under $1000 Bond We Guarantee Mack's Remedy to quickly and permanently relieve the worst case of Bone or Bog Spavin, Ringbone, Thoroughpin, Curb, Capped Hock, Shoe Boil, Sprung Knee, Lacerated and Ruptured Tendons, Sweeny and all other forms of lameness affecting a horse. Contains nothing that can injure the horse and heals without leaving scar, blemish or loss of hair. We positively guarantee every bottle of Mack's $1,000 Spavin Remedy; if it fails, you get back every cent you paid for it as stated in our $1,000 Warranty Bond.

Relieves Cases Formerly Considered Incurable

No matter how long your horse has been lame, or what the nature of his lameness, you can absolutely rely upon **Mack's $1,000 Spavin Remedy.** We know of many cases where owners have paid out big fees and had valuable animals tortured with "firing," "blistering" and other good-for-nothing methods and as a last resort tried **Mack's $1,000 Spavin Remedy,** and were amazed at the painless, positive, quick and permanent cure.

Nearly Every Mail Brings Us Letters Like the Following:

"The remedy you sent me cured the two horses that the hoof was coming off. The mule's foot was nearly off when I got the medicine, but in five days the mule was able to walk on it. The horses are working every day, and have been since using your remedy the third day. It is the best medicine I ever saw for the foot. Our Vet. said those horses would not be able to work in 12 months, but he sees his mistake now. I recommend your medicine to every one as I know it is all O. K." Yours truly,
Ludowici, Ga., Dec. 7, 1910. J. T. COLLINS.

"I am pleased to tell you that MACK'S THOUSAND DOLLAR SPAVIN REMEDY has proved far beyond my expectations. My horse had been lame with side bones on each side of foot for about eighteen months, and I had thought of shooting him at different times. I tried to work him but he would go so bad he would hop along on three legs. My neighbor told me he would never be of any use as they had had horses with the same trouble. I tried other remedies without success, but am working him now and he is sound, and have tested him well. I recommend your 'Mack's $1,000 Spavin Remedy' to all." Yours truly,
Summerland, B. C., Dec. 4, 1910. R. H. STEWART.

Your Druggist Will Obtain Mack's $1,000 Spavin Remedy For You

if you ask him. Price $5.00 per bottle. If he refuses, remit $5 to us and we will see that your order is filled without delay.

No matter where, when or from whom you buy **Mack's $1,000 Spavin Remedy** the price is the same. Every bottle is absolutely guaranteed, and is accompanied by our $1000 Warranty Bond, which insures you that your money will be refunded if the remedy fails to do all we claim for it, as stated in our guaranty.

McKALLOR DRUG COMPANY,
Binghamton, N. Y.

FREE DIAGNOSIS COUPON

A-8



On picture of horse mark with an X just where swelling or lameness occurs, then clip out coupon and mail to us with a letter, telling what caused the lameness, how long horse has been lame, how it effects the animal's gait, age of horse, etc.

We will tell you just what the lameness is, and how to relieve it quickly. Absolutely no charge. Write today.

Free Book "Horse Sense"

Send us the Free Diagnosis Coupon, get absolutely free a copy of our book "Horse Sense." Describes and illustrates disease of horses' limbs, shows correct name for every part of horse and tells valuable facts every horse owner ought to know.

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I'll Save You $25 to $50

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—Any capacity from 200 to 950 pounds per hour, according to your needs, and I'll save you from $25.00 to $50.00 on the price.

—The only Separator whose gearing runs in a "Bath of Oil" like a $5,000 automobile—Feature worth $50.00 alone.

—Automatically oils itself—Pour oil at the top, once a month from your oil jug or can—No danger of running dry, or ruining it like others—No oil cups to remember to fill or turn up twice a day.

—Dust-proof—Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

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HIGH GRADE STANDARD CREAM SEPARATORS

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—Easiest to clean and the few parts come out easy and can't get back out of place.

—Easiest to run—high crank—low tank. With no high lifting and no "back-breaking" cranking.

—Gets the finest quality cream and all of it—no lumps or churning, as Nature's true principle is followed without forcing either the milk or cream the wrong way up or down.

—Skims closest in any climate or season, no matter whether your milk is warm or cold.

—Is as handsome a machine, compact and substantial, as you ever saw or could find. Beautiful finish.

—Let me send you my Big New Separator Book—post paid—Free, so you and your wife and the boys and girls can talk it over and then try one of my separators under my easy plan for you to do it.

You'll call it the best if you test it alongside any of the highest priced $85.00 and $110.00 separators sold by anybody today—makers—catalog houses—dealers—jobbers or anybody else. Write me today.

Wm. Galloway, Pres.
WM. GALLOWAY COMPANY
503 Galloway Sta., Waterloo, Ia.

EVERY line of matter in this paper is worth a careful reading. There is no other paper like this one. What you learn from Up-to-Date is what every farmer needs most, but not obtainable from any other source. After you read this number write to us and be honest enough to tell us if you agree.



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You will never appreciate the convenience of a good water service until you have equipped your place with these easy-working, long-lived pumps.

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OLD RELIABLE BUCKLEY

$2 A MONTH

This famous machine with all its new improvements, all its special features, with a 25 year guarantee, and all its valuable attachments is now offered you

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at the lowest price ever made on a machine of this high character. We add just one small profit above manufacturing cost, you pay no extras, no interest, no agent's commissions --just $2 a month until the special low factory price has been paid up. But you get the machine at once before you spend a penny. You test and try it before you decide to buy it.

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I will place a genuine latest model Buckley drop head, patent lift sewing machine with perfect silver finished attachments, ball bearing stand, all complete in your own home without a penny from you. I'll even pay the freight. I just want you to try it. If it isn't the most convincing machine offer you ever saw, I'll take it back at no expense to you. And if you buy, I let you pay a little each month and guarantee the Buckley 25 years. Write for description and my special new plan at once.

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Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the $1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring, not the cheap kind. Address, R. F. MOSER, 332 Household Bldg., Topeka, Kan.

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SATISFACTION IN EVERYTHING

THE grandaughter was fretting and complaining at what she considered a hard lot; nothing seemed to satisfy her, and she always wanted something different.

"Why, dear, said the old grandmother, who was sitting near, "there is satisfaction and pleasure in every useful thing we do. It all depends on how we look at things and that is what makes our happiness or worry. There's happiness in the least things if we have the mind to find it. There's satisfaction in rounding off the toe of a stocking like I'm doing now, and knowing that it will keep somebody's feet warm next winter. There's satisfaction in baking a nice, light batch of bread for the family to eat, or in churning the yellow cream to bring out of it great lumps of butter to help so much on the table. There's satisfaction in sitting on the porch in the cool of the evening, and thinking of a good day's work that has been done, and laying plans for other work tomorrow. This world ain't a vale of tears unless we make it so ourselves. It is true "the rain falls on the just," and sometimes "the wicked flourish like a green bay tree," but the good, and those who do things because it is good to do them, have the most satisfaction."

BUY A HOME

H. H. ROGERS, a Standard Oil millionaire, advised his employes to save their money and buy a home. He often said to them: "Neither opportunity nor fortune can knock at the door of a man who has no home."

In many portions of the country, in fact, in most portions of the country now, it is difficult for the poor man or the beginner in life to buy a home, and many farm tenants are doing well but there is no certainty of where they will be next year, nor can they make any permanent plans, or know where their family is to grow up. We, therefore, join Mr. Rogers in the advice to buy a home. It may be too small to make a living upon, or to derive sufficient income from to support a family, but it will be a place all your own, and the outside world will be as widely open to you after you have bought it as it was before. You may not be able to reach out as far, or to change places so often, but the latter, at least, will be an advantage to you and your family—it will be a place from which you can not be driven.

Even if you have to go in debt, buy a home. Pay all you can, and secure the deferred payments on the most favorable terms possible, and then direct your energies to paying them. Our standing advice to beginners in life is to keep out of debt, but if at all favorable terms are made it is safe to go in debt for a home. Real estate can scarcely depreciate in value, and the demand for homes will forever exceed the supply. So it is hard to cramp or impoverish a home owner. If you must rent land to cultivate, it is easier to live at home and rent nearby land than it is to rent both home and land.

MORE HOME HELPS

A CHICAGO subscriber and admirer of Up-to-Date Farming, sends us the following excellent thoughts and suggestions, addressed as much to our readers as to us. Suppose we had for each issue a series of home letters comparable with the Cadet letters, how inestimable would be its value to the busy housewives of the country.

Up-to-Date Housewives! Isn't that a splendid title for us? I believe we should take very much interest in this home page that means so much to us.

In that idle half hour, or quarter hour, when the children are not around demanding attention, and when the mending basket has not a creak of its own to denote its weight, this is the page to turn to for our very own. It is our department for home interests, for up-to-date methods of doing things to lessen the burden and enlarge results; for home enconomies and all the little "knacks" that go with housekeeping and home-making.

Remember that a small towel attached to the kitchen apron is a great step saver. Have a loop of tape on one corner and slip the loop over the apron band.

Tennis shoes for wear in doing housework are cool and comfortable. The rubber soles prevent slipping, and the feet will not get wet while scrubbing floors or cleaning porches, or while in the garden getting vegetables.

By having petticoats made of the same material as your house dresses, your appearance may always be neat and trim; and, as a timely hint, I would suggest that if the window screens be washed off with a cloth dipped in kerosene flies and other insects will not alight on them.—*Your City Sister.*

At the Table

Don't eat rapidly.

Don't cut the food in small pieces on the plate.

Don't sup anything noisily, and sup from the side of the spoon, not from the end of it.

Don't put the bones, fruit parings, or anything else rejected from the food on the tablecloth.

Don't leave the table until the meal is finished.

It is not bad manners to take the last piece on the dish, if it is offered, as it is presumed there is more or it would not be offered.

Don't bend over the plate, drooping the head too low, or thrusting the elbows out. Never sit with the breast touching the table, or very near it.

Hold the knife and fork by the handle.

Don't pour tea or coffee into the saucer to cool it, and don't drink from the saucer.

Don't bite the bread; break it into pieces of suitable size and thus pass it to the mouth.

Guess It

Why does a sailor know there is a man in the moon? Because he has been to sea.

Why is a thief like a church bell? One steals from the people and the other peals from the steeple.

Four animals, a rabbit, a duck, a frog and a skunk, went to a show where the admission was one dollar each. Which ones get in and how, and which failed? The rabbit got in because it had four quarters, the duck because it had a good bill, the frog, because it had a greenback; the skunk failed because it had nothing but a scent, and that was a bad one.

Why can't a dressmaker be trusted? Because she is not what she seams.

What goes all through the country but never moves an inch? A road.

Didn't Want to Be Deceptive

Wife—Why don't you like to button me up the back?

Husband—I never did like to do anything behind your back that I couldn't do before your face.

Too Cruel

Judge in divorce court—You say your husband treated you like a brute. What did he do?

Complaining wife—We were quarreling and he jumped out of the room before I could say the last word.

No Cause for Discouragement

A young man in ordinary circumstances and noted for rather wild ways, applied for membership in a somewhat exclusive and aristocratic church. Scarcely willing to accept him, the minister kindly requested him to take the matter under advisement and ask the Lord about it, and return the next Sunday. Prompt to the minute, the young man was back, and was asked what conclusion he had reached after consulting the Lord.

"Well," replied the young man, "the Lord told me not to be discouraged, for He had been trying for the last thirty years to get into this church and had never succeeded yet!"

"Children Teething"
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TEXAS STOCKMAN AND FARMER,
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This Virginia orchard has not been cared, but it has no scale, and soil is highest type for Albemarle Pippins. Took Gold Medal at Paris Exposition, Silver Medal at St. Louis World's Fair. Could be made one of the best. About 1800 ft above sea level. Last year's apple crop sold for $700. Owner aged and in ill health. 15 acres original hickory timber. Six miles from good town on railroad.
Send 2 cents postage for illustrated publication, valuable information and list of farms orchards, truck and fruit lands all over the South
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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

THESE long summer days are a mixture of sweltering heat and refreshing breezes, of cooling shades, of inviting walks and restful stops and meditation, or sweet communion with friends, along gently flowering stream, or fatiguing labors in sultry rooms, or travel upon dusty highways leading through parching fields.

But that is only a picture of life. There is always a mixture of the good and the bad, the sweet and the bitter, of gayety and sadness, of smiles of gladness and tears of grief. Duty always intervenes to temper the joys and mitigate the sorrows. When in the line of duty we are free from extremes and we may get the most and best there is in life.

I am again tempted to appeal to our nearly thirteen hundred Cadets to remember in these quiet days of summer, that Up-to-Date Farming may be greatly helped by kindly words spoken by our friends, and every subscription sent in is a stepping stone to our great cause. Subscriptions are always accepted on any of our offers. It is only necessary for the sender to designate the offer accepted unless it be some special offer that may have been withdrawn or run its course.

DEAR CADETS: I live in the southwestern part of Colorado, in La Plata county, on a farm of 160 acres. Our farm is joined on two sides by the Ute Indian reservation. We raise alfalfa hay, timothy hay, wheat, oats and barley. We have five acres in young fruit trees, apples, plums and cherries. I am not going to school now, but I intend to take a correspondence course in a few months. I am keeping house for my father and can do most any kind of work, but I will admit better bread makers could be found. We have taken Up-to-Date for some time, and like it very much. Father is an Equity man, and the farmers in this vicinity are just organizing a grange. I intend to boost for it as much as possible. I am 16 years old, and would like very much to correspond with the Cadets, old and young.—Anna Muelier, Ignacio, Colo.

DEAR CADETS: I am a farmer's daughter, of 14 summers. I do not take Up-to-Date, but my brother does. We all think it is fine. I enjoy reading it, especially the letters of the Cadets. We have a lot of chickens, and I love to feed them; in fact, I love all the farm animals. I would like to exchange postals with my Cadet friends, and will answer all cards received.—Myrtle L. Stevens, Linton, Ind.

DEAR CADETS: I have been a reader of Up-to-Date for six or seven years, and I think it a good paper. I sure enjoy reading the Cadet letters. Like nearly all the Cadets, I turn to that page first. I live on a farm of 320 acres near the center of Custer county, and we can raise almost any kind of grain and several kinds of fruit. We now own 13 horses and mules, 4 cows, 150 hogs, and about 600 chickens. I was 20 years old May 20, and I sure want all you Cadet girls to send me a post card. I will promptly answer all I receive.—Ellis A. Stoddard, Oklahoma.

DEAR CADETS: We have been taking Up-to-Date Farming for nearly two years, and we all like it very much. I always like to read the Cadet letters. We are on a farm of 103 acres, and we have 5 horses and 2 little colts, 11 cattle, 120 chickens, 12 hogs; we milk 6 cows. I help to do the farming and housework also. I am 11 years old, and would like to exchange cards and letters with the Cadets.—Irene H. Savage, Antioch, Ill.

DEAR CADETS: As I have never seen any letters in Up-to-Date from South Dakota, I will write and get acquainted with the Cadets. (You do not read all the letters, Minnie, for we have had many letters from South Dakota.—Editor.) We have taken Up-to-Date for a long time and think it is a good paper. I have lived on a farm all of my life, and I think it is the best place to live. We raise quite a lot of poultry. We have an Old Trusty incubator, but we have only set it once this summer and got 142 little chickens. We have 16 horses, 60 cattle and 60 hogs. We live on a 420-acre farm, and have all our crops in (May 17) except corn and flax. We have had several heavy rains, and everybody is looking for a large crop this year. We have two artesian wells and one spring on our farm. I am 27 years old, and I am a twin, my twin sister's name is Winnie. There are 10 in our family, and my oldest brother and oldest sister are married. I will answer all the letters and cards I receive from the Cadets. —Minnie Engle, Hecla, S. D.

DEAR CADETS: Will you let me come into your midst? I am a young man of 23, and I live in New Ontario. I have 160 acres of land up here, and I am 6 miles from a town oy the road and 8 miles by water. I left home 2 years ago. I left a good home, but there were so many of us we could not get along very well. I think I shall go home for a while this fall. I have taken Up-to-Date Farming for three months and I like it fine. I would like to exchange cards or letters with the Cadets.—Emerson Keith, Charlton, New Ontario, Canada.

DEAR CADETS: I am a farmer 24 years old, and have lived on a farm all my life. I think there is no life like it, so happy and free. I like horses very much, and I have a fine driver that I think a great deal of. I also like cows and sheep. I am on a farm of 133 acres, where we raise corn, oats and wheat. We have a very fine country. I am close to a small town that has a trolley line, 3 churches, 3 stores, a sawmill and two schools, one a first class township high school. I go to Sunday school, church and Christian Endeavor. We have a fine preacher. I love to hear the Cadets speak of their churches. I think all young people should attend Sunday school and church. I have been taking Up-to-Date for some time, and I like it very much. I do enjoy reading the letters from the different states. I have sent in a new subscriber so as to be a Pioneer of Equity. I would like to exchange cards or letters with the Cadets, and will try to answer them all.—Irven T. Cobb, Damascus, Ohio.

DEAR CADETS: I will write a few lines to the dear ones that have already become Cadets of Equity. I love to read their interesting letters. I live on a little farm five and one-half miles from Oregon city. If there is something wrong with the team, or if it is busy, we take a pleasant ride on a car that takes us past some nice falls, called the Willamette Falls, where the fishermen are kept busy sitting with their long poles watching their chance for a fish, while I am watching my chance for a post card. I will be 17 July 13, and would like to have a post card shower. I will answer all I receive and thank you for your kindness.—Isabel Muller, Oregon City, Oregon.

DEAR CADETS: Wishing to become a Cadet of Equity, I desire to tell mostly of my surrounding locality. The first settlement was made here about 1850, and the first settlers built a saw and grist mill on the river running through here. The farmers found the soil of a rich and valuable kind, and many came to settle as tillers of the soil. So many came that they had to establish a place for trade. They chose Galesville, and so much interest was shown that in 1889 they had a railroad built to the town. Since then everything has been successful. A college and five churches have been built, besides our local high school, which is one of the best in the State. A fair is held every fall that attracts a large public gathering. An Equity Society has been organized, and has been at the head of many of our Fourth of July celebrations. In this way Galesville has progressed, not because of its natural resources only, but because of its progressive citizens.—Oscar Olson, Galesville, Wis.

The above is the kind of letter I like best. Thousands now know a great deal about Galesville that never heard of the place before.

DEA RCADETS: I am a farmer 17 years old, and work on a farm of about 1,200 acres. I like to read the letters from the Cadets as well as the rest of the paper. I think Up-to-Date is a good paper for both old and young. I have finished the public school, but I have not entered any high school yet. I have a brother in college. I would like to exchange letters or post cards with Cadets near my age.—Charley Thomton, Oak Creek, Oregon.

DEAR CADETS: I live on a 126-acre farm in Texas. We have 3 horses, 3 cows and calves, 5 hogs and 2 pigs. I attend Sabbath school every time I can, and that is most of the time, for I live only half a mile from the church. I am 12 years old, and I like to get post cards at any time. I will answer all I can.—Elsie Howard. Weatherford, Texas.

We have not so many letters crowded out this time, but I have to be satisfied with giving the following names and addresses:

Malinda Fluke, Kiel, Wis..... 16
Emmet E. Stoddard, Butler, Okla..... 15
Mabel Shearer, Conneantville, Pa..... 14
Mary Homan, Reading, Pa..... 16
Naomi Pflaumer, New Holland, Pa...
Berna Runmer, Coal Run, Ohio..... 15



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Found in the Snow *Helen Forest Graves*
My Lady Damer .....*Amelia E. Barr*
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..*Jane G. Austin*
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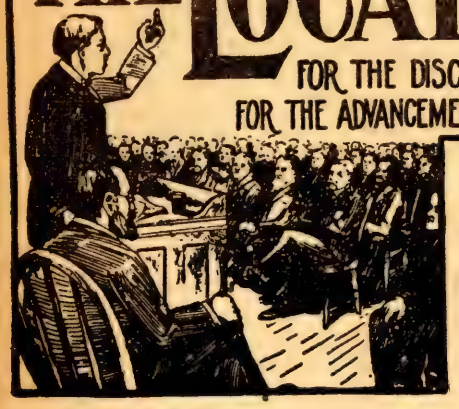
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"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

Feature Omitted

The fourth article of our series, "System and Cost of Marketing" is omitted in this number, but will appear in the next issue.

Read the Telescope Page

It is the duty of every farmer to keep as well posted on the markets as possible. We do not say this because we believe he can take advantage of any favorable price that we quote, because of frequent changes, but because the person who reads this department regularly will get the trend of prices and can profit thereby. There is a very close relation between visible supply and prices. When the visible is given for several years, and the prices too, as we give them, the close student will hardly fail to forecast the future values with considerable accuracy. For instance, the person who has followed the reports in this paper would naturally decide that the price of wheat, because of the present visible supply, its apparent stability and the proximity of the next harvest will not be much better, but will probably be lower when the new wheat comes in. Of course, the Canadian agreement cuts a big figure here. If it is defeated we expect the price will advance. But the senate will probably not pass on it until after harvest.

Applying the same tests to corn and oats we look for higher prices, but lower prices for cotton. Hogs and cattle prices can be expected to follow cors up or down.

Our Photographic Department

The corps of photographers working in Nebraska still maintain the headquarters at Grand Island, and are meeting with excellent success. Their headquarters is at Palmer hotel. Each of the men have had long experience in his profession and we can recommend them to our readers who desire fine photographs of their houses, members of the family, live stock or any other feature. The crew is now composed of the following men: P. J. Swanson, foreman; C. E. Black, C. C. Dawson, Ross Morris, P. C. Harvey, B. A. Worthing. The finishing department is under the management of Thomas Campbell.

—o—

Charities—Obituaries

Frequently we have requests to publish appeals for help for some unfortunate member, or for some worthy cause. We have just received one from Claud W. Temple, of Ramsey, Ind., who says their church burned down and they need $150.00 more to rebuild it.

We would like to print all such appeals, but we dare not do it, because they would soon increase beyond our ability to publish them. Therefore, we announce now that it will be useless to send them in the future, because they will not be printed.

Also we get many requests to print obituary notices on the death of members or members of their families. We very much dislike to disappoint our good brothers and sisters in affliction, but should we begin the practice it would soon grow beyond our space to print. Therefore, we will make the rule to not print any such notices unless of departed officers of the Society. Before enforcing the rule we will, however, print the following resolution sent by Golden Rod local, Ladies Society of Equity, at East Jordan, Mich.

WHEREAS:

As it has been God's will to lay the hand of affliction on the household of our Sister Mrs. Alice Shepherd and claim with death the little son Asa, therefore,

As a local union we extend our sincere sympathies to the father, mother, brothers and sisters and we commend our Sister to Him who said "Suffer little children to come unto me and forbid them not, for of such is the kingdom of heaven."

Resolved further, that a copy of this resolution be printed is UP-TO-DATE FARMING and a copy be spread on the minutes of our local.

Mrs. Martha Culbertson,
Mrs. James Howey,
Committee.

—o—

NEW DIRECTORY

We have revised the Directory of Equity Market Representatives and printed a new edition. As there has been several important changes the members of the F. S. E. are cautioned against using the old one, and all who want it are urged to send their names for the new one.

This notice is to members of the Farmers Society of Equity whose dues are paid in advance, alone. The use of the System is limited to such members.

—o—

Legislating Everybody Wealthy

Arising grandly in his seat in the House of Representatives to start the vaunted Farmers' Free List towards final passage, Representative Oscar Underwood, chairman of the Ways and Means Committee, said:

"We seek to lower the taxes of 92,000,000 people."

Ahem! It is a shame to apply arithmetic to such a beautiful sentence; but, however—

The estimate is that the free list will save the users of articles on it $10,000,000. That is quite a tidy sum. But—

Divide $10,000,000 among 92,000,000 people and what does each get?

Each gets five forty-sixths of a dollar, about one-ninth, to reduce the fraction to simpler terms. And to make plainer still, *each would save about* 11 *cents.*

Of course this is only a beginning, but it is a beginning that will hardly enable any down-trodden citizen of this glorious galaxy of commonwealths to retire on his savings very soon.—*Binghamton Republic.*

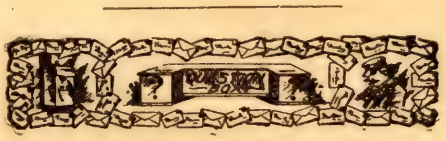
—o—

All Prices Would be Lowered

After quoting the statement of a Kansas farmer that automobiles in the rural districts have come to stay and that "they are going to sell for much less money than they are bringing now," the Wall street Journal adds:

"Automobile sales among the Western farmers have made a market which the mannfacturer will be slow to surrender. It is a widespread belief among the farmer patrons that machines will have to come down in price to meet farm product values."

So will many other articles of manufacture have to come down in price if farm product values are to be lowered by Free-Trade in farm products. When the farmer is forced to sell cheaper what he has to sell, the manufacturer also will be forced to sell cheaper. And worst of all American labor will have to be sold cheaper! But don't forget this, the farmer gets his dose first. If the undoubted facts were better understood, the manufacturers and wage earners, as well as the farmers, would be a unit against the price-lowering policy of the Canadian pact.



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *There are several thousand pounds of wool among the farmers here. If you can demonstrate to these farmers that it pays to market through the Equity System it will hurry up a local union.—D. E. Hopkins, Oscoda Co., Mich.*

ANSWER: If all farmers wait to see the demonstration before they will organize, they will be waiting when Gabriel blows his trumpet. If it is not absolutely necessary to sell your wool now, hold it until the so-called reciprocity matter is disposed of. We can not believe that that agreement will be made, or that wool will be placed on the free list, although the prices have been on a free wool basis for some time. Manufacturers are practically out of the market and speculators gobble up the wool that is dumped. In the mean time you should organize. If any of your people *must* sell now the Society will direct them to the best market.

Q. Our local union is considering the matter of building an Equity Hall. This has brought up the question of a store, also. If we open a store, how will we proceed to conduct it?—Emporia Local No. 842, St. Lawrence Co., N. Y.

A. You can select one of three ways: First, you can hire a manager and put in your stock of goods and conduct it just like any other store keeper would. You should sell at about current prices and once a year, or more frequently, divide the profits, if any, amongst the members. If you incorporated then the profits or losses would be divided amongst the people holding the shares of stock. Second, you will have the storeroom in your hall building. You may rent it to a merchant who will open a store just like he would in any other building, or, if he has a store, move it in. Then you will agree to give him all the trade of your members and enter into an agrement with him for special prices on everything. Third, or, if you prefer, use your store room as a daily market to sell your produce and to prepare it for shipment. Then, for buying make up your wants at intervals and submit to all the merchants (can also send the list away) for prices.

The second plan we recommend the highest. It will relieve you of all trouble of running a store and insure against possible loss which would result many times with people who undertake business out of their line.

Take Each Other By the Hand

By Leonard Everett, Greenback, Tenn.

O come ye farmers, one and all,
The fat, the thin, the short, the tall,
The rich, the poor, the weak, the strong,
And help each other move along.

Come let us work together now,
Let some one hoe, while others plow;
Thus through the land we all should go,
To plow and hoe and reap and sow.

For if we all together cling,
And labor for one certain thing;
Our hardest days will soon be past
And we shall win the race at last.

But if we try to work alone
Our power will never then be known;
For in this land of fruit and grain,
We can't afford to work in vain.

Then let the strong uphold the weak,
And often words of comfort speak;
For every little helps you know,
As through this land of grain we go.

O come, ye farmer of this land,
And take each other by the hand;
And let us all together stand,
The strongest union in the land.

Equity for All

ALL

Little children all are we,
Working hard for Equity:
Telling all the people round,
Justice has at last been found,
For the farmers in our land,
Who will join our happy band,
Helping on the cause of right,
Till it wins with strength and might.

GIRL

Equity brings hope to all,
Who will listen to its call?
Brings relief from wrong and care;
Brings the strength to do and dare,
O, brave farmers, can't you see,
Freedom in glad Equity,
From the poor paid endless toil,
Borne by tillers of the soil.

BOY

Equity brings higher price,
For the farmer's produce nice;
Brings the money that will buy
Things for which we children sigh;
Proves a never ending charm
To keep boys upon the farm
So we'll shout in tones of glee
"O, hurrah for Equity!

ALL

O, hurrah for Equity!
O, hurrah for Equity!
May it spread o'er all our land,
Bringing farmers to our band,
Till the right shall conquer wrong,
By its numbers true and strong,
O, hurrah for Equity!
That will set the farmers free.

THE FARMER

Strong arms have they who turn the turf,
Whose plowshare cuts the grass-webbed sod.
Self-poised and firm they walk the earth,
The splendid instruments of God.
The work they do is a daily need
Whereby the toiling millions feed.

No weaklings they. With face upturned
Like children running toward the sun,
They watch the seasons wax and wane,
All joyful of the toil they paid
God's piper for his serenade.

As kinsmen of the things that grow,
And brothers to the horse and ox—
Together toiling, fast and slow,
They change the hard primeval rocks
To smiling pastures and to fields
O'erlaid with goodly golden yields.

They count in vain who leaves him out:
Behind the long and busy street
The farmer stands and feeds the rout
That beg of him their bread and meat!
And firm as earth—true as the skies—
In him the nation lives and dies!

Joseph Leiser.



The Thornburgh Way of Making Hay Cut, Rake and Bunch Your Hay in One Operation

The SIDE DELIVERY BUNCHER attaches to any mowing machine, takes the place of side delivery rake, dump rake and tedder. It bunches the hay or lays it in loose, hollow windrows as you cut it, curing quicker and better than if left in the swath and later tedded and raked. The SIDE DELIVERY BUNCHER pays for itself every day it is used, in labor saved and better quality hay produced.

Save your clover and alfalfa seed! From $2.00 to $3.00 more an acre can be realized from your land if you save your seed. In the old method of dragging the hay over the ground, then raking and kicking it up with a tedder, 50 per cent. of the seed is often lost through rough handling.

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An Equity Hall and an Equity Store in Every Market Town and City

(Continued from Page 1.)

commissioned organizer and every local union.)

The Advantages of an Equity Hall

While Equity Halls are not absolutely necessary, yet nearly every local union will, in time, find them almost indispensible.

Such a building will furnish a permanent local market place for farm produce and the warehouse from which shipments of surplus products will be made. It will also supply a permanent office for the secretary and it may be his home when his wife can take care of the ladies' apartments. Also a place for the local union meetings and social affairs. It will also be a *home* and rest place for any member of a member's family when in the city or town. Then a farmer will not be obliged to loaf around a corner grocery or sit in the shade of a tree when he goes to town to meet a friend, or attend to business. Organize the local union and build the Equity Hall and your wives and children will not need to sit in the wagon and wait and probably be jeered at while the man is attending to his duties.

Ideal Condition for an Equity Store

The grange idea of co-operative stores spread all over the country some years ago but very few of the stores remain now. If the idea of co-operative selling of the crops would have been combined with the one of co-operative buying, we predict the results would have been very different. It is the privilege of any group of farmers to BUY co-operatively, but we know the big gains must be made in SELLING at profitable prices. The Equity Hall and store presents the very best opportunity farmers ever had to both buy and sell co-operatively if they wish to do so. Merchants will compete for the Equity store room if given the opportunity, as any merchant will be glad to have his store in the farmers hearquarters building and the farmers trade, even at special rates.

Three Plans of Co-Operative Buying

Local unions govern themselves. It is for the local to decide on one of these three plans of co-operative buying or disregard the feature entirely: First, not have an Equity store, but make up the union's requirements and submit the lists to all merchants for competitive bids; second, rent the store room to a merchant, or designate a particular store as "The Equity Store," and secure rates there; third, operate a Co-operative Equity Store.

The Country Social Uplift

A local union, equipped with an Equity Hall and store will do more for the business and social advancement and bring more genuine pleasure to all the people on farms than any other, or all other means combined. The country folks understand genuine hospitality. Wherever a local union of the F. S. E. is organized it is expected that it will result in a series of social festivities. And where there are nearby locals there will be an interchange of attractions suitable to the various seasons of the year. With the better prices that the Society will enable the farmers to get, they will take more time for social matters, and they will have more desire for them, too.

City and Country Brought Closer Together

And the fact that the local union is domiciled in the town or city will not detract from it as a meeting place for the farmers, but will rather combine the advantages of the city. At any rate, the Farmers Society of Equity, being a business organization and as its activities in buying and selling must center in the town or city, that is the logical place for the local union headquarters. Also the town will be central for all members.

Somebody said:

"The problem is to make the cities more like the country and the country more like the cities. Both need improving; both are improved by the constant swapping of population back and forth. The country is the nursery of life; the city is its school. A great people can not thrive without both. A family that can afford it will hold on to both, and very many American families do. Our great family, the nation, must manage to maintain in high quality both of these forms of life."

There is no objection to holding extra social meetings, picnics, etc., in the country, but all regular business meetings must be held at the headquarters.

Incorporate Under Your State Laws

When a local union gets to the point that it decides to have an Equity Hall, or any other untility that requires an investment of capital, we recommend that the local be incorporated. The trouble will be little and the expense nominal. Then that group of farmers will be ready to do whatever business they wish to do in the modern business way, sell, buy, borrow money, collect rents, contract debts if necessary, and pay them in the corporate name.

Ask Headquarters

Headquarters of the Society will give all necessary instructions and it will prepare the incorporation papers for any local union in any state if $5.00 is sent to defray the expense. This, we believe, is less than a home attorney would charge.

Incorporation Not Obligatory

It must not be understood that it is necessary to incorporate a local union. It can exist and do all of its business for years, or forever, without this formality. It is only when such improvements as we mentioned are going to be made that *we recommend it.* Even then the property can be held in mutual partnership of the members.

In Conclusion

Farmers must organize. They must organize locally and then connect up nationally. This can not be done by long distance writing or publishing, although that will help. Personal work is necessary, individual work and interest. It requires the hearty co-operation of all those who will be benefited by it. It needs YOUR support and your NEIGHBOR'S. This Society and its System should be established this year. If that is impossible, then next year. And if not next year, then just as soos as possible. It calls now for united action in the field, on the farm, at the cross roads, and on the public square, of every farmer who can be reached directly and indirectly.

The individual farmers—you and your neighbors—are the stones from which the foundation is being built, and the local unions are the pillars that support the grand structure—The Farmers Society of Equity.

Organize your local union, build the Equity Hall, complete the Farmers Society of Equity, and it will not be a long time under the new order of marketing farm crops until farmers will be the real aristocrats of the land, as they were in the earlier days before the boards of trade and produce exchange gambling system was inaugurated.

Farmers must work together more.

The way is the local union, the Equity Hall, the Equity market and the Equity Store of the Farmers Society of Equity.

Begin to get members for your local union today. Ten will be enough to organize, but there is hardly a community that will not yield fifty and many, over five hundred. You can organize with ten or more.

The Society pays well for organizing work. Terms and full instructions will be sent if you fill out and send the below blank.

(This series of articles will be continued.)

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FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I, ... of .....P. O., R. R.....

County ..... State ..... hereby make application for a commission to organize a local union, or local unions at the following town, towns, of citys: .....

My age is ..... My business is .....Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?..... How much time can you give to the work? I give as reference:.....

.....

Please make the attempt to organize your own community, at least.

A Poor Weak Woman



As she is termed, will endure bravely and patiently agonies which a strong man would give way under. The fact is women are more patient than they ought to be under such troubles.

Every woman ought to know that she may obtain the most experienced medical advice *free of charge* and in *absolute confidence* and privacy by writing to the World's Dispensary Medical Association, R. V. Pierce, M. D., President, Buffalo, N. Y. Dr. Pierce has been chief consulting physician of the Invalids' Hotel and Surgical Institute, of Buffalo, N. Y., for many years and has had a wider practical experience in the treatment of women's diseases than any other physician in this country. His medicines are world-famous for their astonishing efficacy.

The most perfect remedy ever devised for weak and delicate women is Dr. Pierce's Favorite Prescription.

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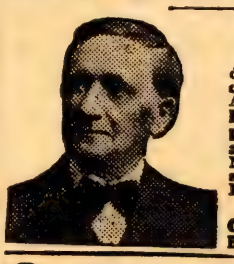
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Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | JULY 1, 1911 | Number 13

1911			July			1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
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Up-to-Date Farming
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J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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1911 Campaign to Organize Farmers

Under the Direction of the Farmers Society of Equity

FOURTH ARTICLE

The first article, under this head was "A Call to Organizers;" the second, "A Local Union at Every Market Town and City," and the third, "An Equity Hall and an Equity Store at Every Market Town and City."

In articles two and three we mentioned many of the advantages of local unions of the Farmers Society of Equity. But we have not exhausted the list of benefits that farmers can realize through them—the list is practically inexhaustible. In this article we will refer to others of them. What will give this article added interest and what will serve to drive the thoughts home to the minds of our readers, is the fact that all of them were copied from other papers.

Any person who will give only a few minutes to contemplate this matter, of a local union at every important town and city, should be so greatly impressed with it that he will make its accomplishment his personal affair. Our organizers should keep this idea in mind. A local union can be made a popular movement in any community and the best people will work for its accomplishment, when they understand it.

The following we take from The Progressive Farmer, published at Raleigh, N. C., under the head "Practical Neighborhood Co-operation":

"Co-operation" means literally "a working together," Such working together is coming more and more to be a necessity, although the fact remains that farmers have learned its advantages and profited by them to a less degree, perhaps, than any other class. The reasons for this are plain to the man who studies the subject a little; but it is becoming plain, too, to thinking men that it is time to change this policy—time for farmers to begin working together, both as individuals and as a class, to bring about things that will be of benefit to all of them.

Learn in Small Groups

It is a part of our creed, however, that before farmers can successfully co-operate as a class, or in great bodies, they must learn to co-operate as individuals, or in small groups. For this reason, while believing in and urging co-operation of the farming class as a whole, we have stressed the primary need of local co-operation—of the farmer's learning to work with his immediate neighbors, so as to help them and be helped by them. When a man has learned to join forces and to get along with the other farmers who live right around him, it will be easy for him to work well when he becomes a member of a larger body of co-operators; while, on the other hand, the man who can not work in harmony with his neighbors, though he may preach organization and co-operation ever so loudly, is not likely to add much strength to any association or order to which he may belong.

The ways in which this local, or neighborhood, co-operation can be carried on to the practical and immediate benefit of all participating are numerous. Let us mention just a few:

Neighbors Work Together

Right now, we will say, the plowing season is on hand. If farmer A has one horse and Farmer B one horse, and both wish to do better plowing than they have been in the habit of doing; let them combine forces; put the two horses in together and let A do some sure-enough plowing while B digs up the briers and bushes, cleans off ditch banks, or something of

(Continued on Page Twelve)

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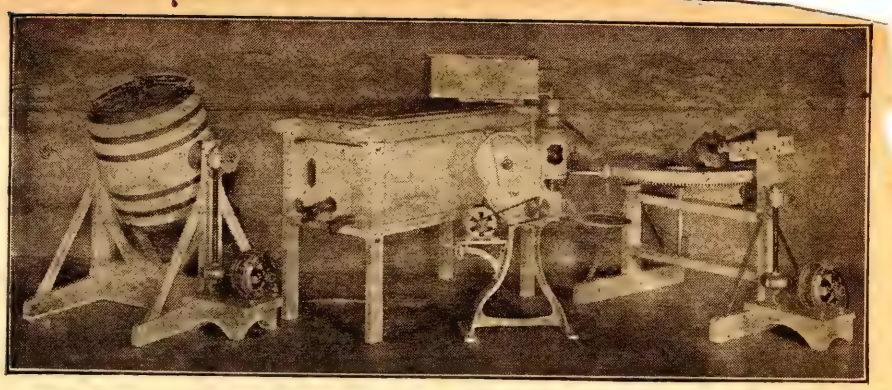
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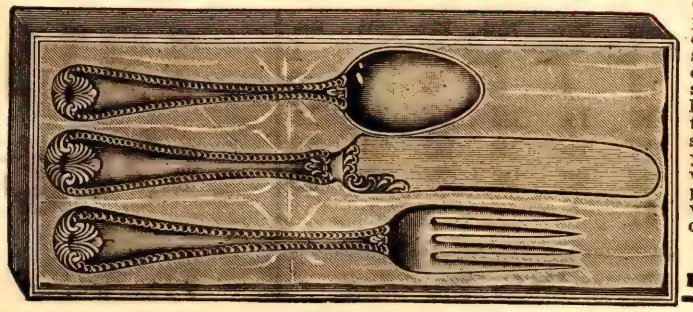
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EDITORIAL

An Open Letter to President Taft

Some Questions the Farmers Would Like to Have Answered

To His Excellency, W. H. Taft,
President of the United States.

DEAR SIR:

In your address at Chicago, June 3, referring to the proposed Canadian trade agreement, you said: "The bill will pass, if it passes at all, because of the force of public opinion in its favor," and evidently the purpose of this address before the Western Economic Society was to assist in molding public opinion in favor of the bill. Had you believed "the force of public opinion" was already in favor of the bill, is it probable you would have gone to Chicago to deliver that address, or that you would come to Indianapolis July 4, for a similar purpose? I am not questioning your motive, Mr. President. It is your privilege, as it is that of any other good citizen, to try to induce the public to believe as you do on important questions; but public addresses by the national executive, though entirely proper, have not heretofore been so common or so easily secured.

Not Reassuring to Agriculture

A striking feature of your Chicago address is, that the greater part of it is devoted to the agricultural aspects of the agreement. It was, therefore, evidently intended to direct the force of agricultural opinion in favor of the bill. May I respectfully ask, how many farmers are members of the Western Economic Society; or how many actual farmers were in your Chicago audience?

Your address was given wide publicity by the press, in which profuse editorials declared you had "covered the entire subject," and that your "arguments, proofs and conclusions are incontrovertible," and that "the chances for reciprocity have been greatly improved because of the President's speech."

Personally, I can not see that your arguments are at all reassuring to agriculture in the United States. The farmers, by their number and the importance of their calling, the necessity for the products of their labor, constitute the greatest class of our people; and I believe, unless it can be shown beyond a reasonable doubt that the so-called Canadian reciprocity agreement will be a positive benefit to the American farmers, the experiment should not be tried. Pardon me, Mr. President, but I do not think your Chicago address shows that, nor, in my judgment, does any public expression or argument you have made.

Rewards Fairly Satisfactory

The rewards of farming have been fairly satisfactory in this country for a few years past, and were so until this reciprocity agreement was made public. Since then prices of most farm crops have gone down, and are now too low to afford farmers a fair return for their investments and labor.

Before your Chicago audience you ask the question: "How is the farmer to be affected by Canadian reciprocity?" a question you yourself answer as follows:

> Canada's products are limited to wheat, rye, barley, oats, potatoes, live cattle, horses and dairy products. * * * The United States exports into Canada a great many more horses than it imports from Canada. It sends to Canada a much larger amount of potatoes than it receives from that country. The United States exports into Canada about fifteen times as much of meat and dairy products as Canada exports into the United States.

Nearly Every Farm Affected

Now, Mr. President, if we accept through our respect for the exalted position of the speaker, your statement as to the productions of Canada, let us refer to the 1900 census to get a definite understanding of this important matter. That census reported 5,739,657 farms in the United States. Of these farms 2,053,912 were reported as producing wheat, 295,108 as producing rye, 272,913 as producing barley, 2,117,559 as producing oats, 2,836,000 that produced potatoes, 4,730,018 that were engaged in dairying, and 5,532,018 were reported as having horses.

Might Destroy Equilibrium

These farms, then, and the owners of them, and the people who live on and cultivate them, are the ones that will be directly affected by whatever results from the proposed agreement if it be ratified. But all farm productions in this country are so closely related that what affects one more directly, affects all the others indirectly. For instance, if the agreement should injure the wheat growers on our two million wheat producing farms (more than one-third of all the farms of the country), it would injurously affect the occupants of probably twice that number of farms. And the same is true of the producers of rye, barley, potatoes, cattle, dairy products and horses. If the agreement would be harmful to these United States' interests, as you imply in your address, because Canada produces these things, then it would be proportionately harmful to every farmer in the country. If the free entry of wheat from the broad and rapidly developing fields of Canada should make wheat growing unprofitable in the United States, it might eliminate that product as a standard crop in this country, destroy the equilibrium of our whole farming business and be the greatest agricultural calamity that could befall us. American farmers can not and will not work without reward.

Means Free Trade With the World

I do not regard this merely as a possibility. I am convinced that it is exactly what would result from the ratification and effective working of the agreement. Free trade in wheat from Canada is the same in effect as free trade in wheat with the wheat producing world. The world area adapted to wheat growing is practically unlimited. It has never been measured, and, so far as I know, it has never been approximately estimated. Stimulate this unlimited area by the good prices for wheat this country has secured by more rational marketing on the part of our farmers, if the good prices can be gotten again, and the production will soon become as unlimited as the aera. This is proven by the enormous increase of the past few years. The world's crop of 1910 was 520,000,000 bushels more than the crop of 1907, a gain almost equal to the average crop of the United States. (See Department of Agriculture Year Book.)

Wheat Grown by Cheapest Labor

Wheat is grown in Russia, India and Argentina by the cheapest labor in the world. These countries are as close to the much talked of European markets as are the wheat fields of the United States, and they have advantages in cheaper shipment by water that our heavy producing interior states have not. Hence, to open our home market to Canada is equivalent not only to closing our own market to us, but to shutting us out of the world market as well, on terms at least that we can tolerate. Saying nothing of the unfairness of thus forcing our wheat growers to compete with the peasant labor of Argentina, with transportation advantages in favor of that labor, will our farmers continue to produce wheat under those conditions, or will they, as before intimated, be compelled to abandon that crop, and leave our own people to look to Canada, Russia and Argentina for their bread?

American Farmers Set Price

Your claim, Mr. President, that Liverpool, or other foreign markets, sets the price on our wheat, may have been true in the 90's, when prevailing prices ranged from 50 to 65 cents a bushel; but it is not true when applied to prices in this country from 1903 to 1910. Any person who has followed the markets as I have, knows that many times our prices were "out of line for export," as the speculators termed it, until foreign prices advanced to American levels, and our surplus was then eagerly taken at American farmers' prices.

So far as wheat is concerned, this country has reached the point where production is nearly on a balance with home consumption. This is as it should be for a commodity like wheat, of which the world may be well sup-

(Continued on Page Four)

Why Bring in Canadian Wheat

THE Department of Agriculture at Washington is authority for the statement that the world's wheat crop averages a little more than three billion bushels annually, and about 25 per cent. of this is shipped from the countries where produced, either as flour or wheat, the flour constituting 8 per cent. and the wheat 17 per cent. of the exports. The United States exports about 52 per cent. of all the flour that is shipped from one country to another, and about 11 per cent. of the wheat.

This clearly vindicates United States wheat growers, for they produce an abundance of wheat for home consumption and sufficient surplus to constitute a large per cent. of the world's exports.

Why, then, flood the country with free Canadian wheat, when we already have enough and to spare? The reason is not hard to find. The great exporting mills want cheaper wheat that there may be a greater difference between the selling price of flour and the purchase price of wheat. The schools, the press and the institutes for forty years have taught nothing but increased production. They have signally failed to accomplish much, and the mills are unwilling to wait on them longer. These mills have long watched the increasing fields of Canada, but they were not strong enough by themselves to move the government, though they did once succeed in getting the wheat tariff suspended in their interest. But at last they found several manufacturing combines and packing houses and railroads that also had a dull ax to grind. These great powers united and appear to have swallowed the President, Congress and the newspapers, the result being a secret agreement to let Canadian wheat and other products into this country in free competition with American farmers, at the same time opening a wider door into Canada for various manufactured goods. Of course, it must cut farmers' prices, but—farmers be d——d.

If England Did

PRESIDENT TAFT and other advocates of the Canadian reciprocity agreement are now trying to scare American farmers into acquiesce to their unpatriotic schemes by the silly pretense that England will enact some tariff preferential measures that will turn Canadian trade to the mother country and thus practically exclude the United States.

What of it? Canada is a part of the British Empire, and her trade already belongs to England. What difference could any so-called preferential laws make? Besides, what do we need from Canada that the agreement gives us? Our farmers are not short in any farm products, or live stock, and these are what the agreement pours in upon us. We buy none of these things from Canada because we don't need them.

True, we export to Great Britian, and the scare is that Englands preferential plan will shut us out of that market. How? Canada already ships everything to England that she can, and the world wants our surplus all the same. Suppose we were shut out of the British market. We have a constantly growing home demand, and, if let alone, our farmers may be kept profitably employed supplying that. It is a queer way to save us the questionable benefit of a doubtful foreign market by pouring in upon our farmers a flood of what we are already producing a surplus of. Give farmers the same protection that is accorded our other industries, and the world will very soon be compelled to ask for our products at reasonable American prices.

July Fourth

FLAGS are waving, bands are playing, guns are booming, and orators are enthusiastically addressing millions of people today. One hundred and thirty-four times has "the day we celebrate" returned to us since the fathers performed that brave and patriotic act which made some British colonies in the New World the **UNITED STATES OF AMERICA.** Such things had occurred in the world before, and similar things have been done since; but never perhaps, did a like event mean so much to the human race. The colonists were a moral, a religious, a patriotic and a progressive people, and the United States became a Christian nation, with an educational, enterprising and justice-loving people, who believed in Equity—equal rights, privileges and opportunities for all. No, not all. One sin, one inequality, remained, and it took five years of strife and blood, five of the bitterest years the nation has ever known, to wipe it out.

Wonderful progress has been made in this country. The dependent colonies have become a world power of States that rivals the best and greatest of all the earth. But evils have grown up of which the fathers never dreamed. Boodle, graft, political corruption, speculative gambling in the prices of farm products, exercising the unwarranted power to arbitrarily force prices down when these products are bought from the farmers, and as arbitrarily forcing the prices up when the goods are sold to the users, until the distressing cry of high cost of living is heard all over the country, and every effort is made to unjustly and unfairly force the meager prices paid to farmers lower and lower. These things were entirely unknown in the days of the earlier presidents, but they are now the most striking features of our national life.

What does it mean? The unselfish patriotism of the fathers is here, but it is asleep; the high moral conscientiousness is smothered in the lust for gain, and the deep sense of justice and equality, of equity in all the relations of life, is eclipsed by a dominating spirit of SELF that builds up special privileges, and forces inequality of rights and opportunities.

What does it require? A return to first principles. Sincere honesty on the part of the masses, with courage and independence to compel like honesty on the part of all who serve the public; to close the doors to special privilege, and open them wide to equity, equality and justice. For how much of this the nation will be indebted to the farmers only the future can tell; but the importance of that great calling, and the uncontaminated environment of those who till the soil, point to them as the most conservative class, and makes their responsibility for the return to better things greatest, perhaps, of all. What a power for good they would have if united in Equity all over the country!

Open Letter to President Taft

(Continued from Page Three)

plied by production in countries where it can be produced by cheaper labor than our farmers can employ or afford.

World Basis for Wheat—Price 50 to 75 Cents

May we not, therefore, conclude that:

If the United States is made a dumping ground for Canadian wheat, as this agreement proposes, which, in effect, is the same as free trade with the world, thus making it impossible for our farmers to control the wheat situation in their own country, and bringing about a condition like that of the 1890's, when production was much ahead of home consumption, the price will go down to the world's cheap labor basis and rule between 50 and 75 cents a bushel?

Everybody will admit that American farmers can not afford to produce wheat at such prices unless they adopt foreign styles, foreign customs, and foreign ways of living; nor at less than $1.00. Therefore, will not the 50,000,000 acres now devoted to wheat in this country be gradually turned to other crops, with results previously outlined?

But, on this same subject of wheat, I again quote from your Chicago address:

> Canadian wheat nets, perhaps, 10 cents a bushel less to the producer than wheat grown in the Dakotas and Minnesota, due to the fact that the cost of exporting that wheat and warehousing it and marketing it in Liverpool is considerably greater than the cost to the Dakota farmer in disposing of his wheat to the millers in Minneapolis or sending it abroad. * * * If, now, the duty is to be taken off of wheat, and the Canadian wheat can come to the millers of Minneapolis and other places, it can and will be made into flour, because the capacity of the United States mills is 33 per cent. greater than is needed to mill the wheat of this country. Canadian wheat can be imported and ground into flour without materially reducing the demand for or price of United States wheat, and the surplus will be sent abroad as flour. The price of Canadian wheat doubtless will be increased a few cents by access to the market nearer at hand, but the access to the market nearer at hand will not reduce the price of his wheat to the United States farmer for the reasons stated.

Is It a Fact?

But is it a fact, Mr. President, that it costs more to export wheat from the producing sections of Canada to Liverpool than it costs to export from Minnesota, the Dakotas, Nebraska, Kansas and Oklahoma? The distance from Winnipeg to Liverpool is not as great as from Fargo, Sioux Falls, Omaha or Kansas City. Western Canada also has a great advantage in water transportation over our western wheat-producing states. May you not be mistaken that the ten cents a bushel results from extra cost of exportation?

Besides, if the price of both Canada and United States wheat is "fixed abroad," as you and other advocates of the agreement assert, how can it be that the price of Canadian wheat will be "increased a few cents" by going through the United States markets to the foreign markets, and at the same time neither increase nor decrease the price of wheat in this country?

The only way I can see for this to be possible is to prove that it is cheaper to ship Canadian wheat to Liverpool via. Minneapolis, Chicago, Kansas City or St. Louis. But is it?

Every Foreign Bushel Displaces a Home Bushel

This country is full of wheat every year, now. That is, we raise every bushel that our people can possible eat, and about 12 per cent. of our crop is a surplus to export. Is it not, therefore, true that for every bushel of wheat that comes from Canada for consumption in this country, one bushel of our wheat will be crowded out and forced to seek a foreign market? How can such an arrangement be an advantage to our farmers? And since every bushel of Canadian wheat that comes into this country, or its corresponding American bushel, must go out again for foreign consumption, what is the use of sending it here at all? If our mills have been built with too great a capacity are our wheat growers responsible to the extent that they must sacrifice their profits to make good the profits of the mills? Shall we sacrifice an industry which calls for 50,000,000 acres of our national domain and in which over 2,000,000 farm families are vitally interested, or even put it in jeopardy to fill an aching void in a few thousand mills?

The Agreement is Unnecessary

Besides, if the object sought is to give our mills more wheat to grind so the flour can be sent abroad, as you say, it is, the agreement is quite unnecessary. Our millers can import Canadian wheat now, in bond, grind it, and send the manufactured products abroad, as you say it will be sent, and the bond given for the duty will be canceled; or in effect the importer will "draw back" the duty. Does not this provision of our law give the miller all you claim they want? There surely is no need to sell the flour in this country, as enough is already manufactured from home grown wheat to supply all the home demand and very much to export.

The Real Reason

But on this proposition, Mr. President, you may be mistaken. I have shown that, as far as getting wheat from Canada to fill the entire capacity of any and all the mills in the country is concerned, the duty of twenty-five cents a bushel does not stand in the way at all. Every bushel of wheat Canada grows could be brought into the United States and ground, the manufactured products sent to Europe or any other part of the world outside of the United States, and not a dollar of duty would need to be paid by the millers. Then why do the millers want the tariff on wheat removed? Why do you want wheat to come into this country free, to fill the mills to their grinding capacity? You know it must all go out of the country again, or its equivalent. Is not the explanation this: Because free wheat from Canada will always prevent the price of United States grown wheat from going higher than Canadian grown wheat, which has always been on a parity with other exporting countries? Is it not a fact that the millers want Canada's wheat to come in free so that United States wheat will always be kept on a parity of price with wheat in foreign exporting countries, so the flour made from it may be sold at the usual profit in competition with flour made from wheat grown in those countries? And will this not bring American farmers to a parity with the farmers of Russia, India and Argentina? If this is not the ultimate purpose of the agreement and if this will not be the effect if ratified and carried out, will you show the farmers to the contrary?

And railroad men want the duty removed so they will have long hauls of wheat to the United States mills, and then long hauls of flour to the seaboard or to foreign markets. It is easy enough to see how the millers and railroads, and some others will be benefited by the agreement, but for my life I can not see how there can be in it a particle of benefit or even common justice for the farmers.

Your Own Argument is Against the Proposition

But to allay the fear of our stockmen and farmers, you say we send more horses to Canada than Canada sends here. The reason is clear, and, with due respect, it is contradictory of your argument, Mr. President. The tariff on horses from Canada to this country is $30 a head until a value of $150 per head is reached, after which the tariff is 25 per cent. The tariff from the United States to Canada is 20 per cent. for all values. Thus a horse worth $100 may be shipped from this country to Canada on paying a duty of $20; a similar horse shipped from there here must pay a duty of $30. It is no wonder, therefore, that more horses go from here to Canada than come from Canada here. You admit this gives our farmers a great advantage in the horse trade. Then why not let is remain so? Is an American administration expected to serve American interests or foreign interests? If this tariff be removed, as you so strenuously urge, which country will then export most horses?

The same thing may be said of other commodities of which you say we send to Canada now more than Canada sends to us. The duty on potatoes from Canada to the United States is 25 cents a bushel, but from the United States to Canada it is only 15 cents a bushel, which gives our farmers an advantage of 10 cents a bushel and the greater business. Why disturb this very satisfactory arrangement?

Appeal to the Party of Protection

I have not before me the duty on meat, but the duty on butter coming from Canada to the United States is 6 cents a pound, but we can send butter into Canada on payment of 4 cents a pound. This is a two-cent protection to our dairy people. Can the "party of protection" afford to abolish it?

The farmers would also like to know, Mr. President, how permanent the present very satisfactory treaty with Canada is, how long the present treaty has to run yet, and if the agreement you urge, so unsatisfactory to so many of our people, might be abrogated within a brief period after its ratification; in what condition would that leave our relations with Canada?

Agitation Responsible for 25 Per Cent. Cut

Mr. President, the farmers like to agree with you because of your exalted position, at the head of the nation. There are millions of people who believe what you advise must be good for them. I know a great many farmers who are in favor of the agreement because you said it would benefit them, or at least that it will not injure them. But things that are not settled right are not settled at all. The farmers will compare the years to follow, under your reciprocity agreement, if it is made the law, with the years just preceding. Since this proposed agreement has been agitated prices of farm products have gone down more than 25 per cent. The prices have been very unsatisfactory to the farmers; therefore, the farmers want this question answered: When the new law goes into effect, if it does, will the prices of farm crops go up again to a point where each one will be fairly profitable? And this question: Since the farmers of the United States, working under protection, have been able to make and maintain profitable prices for their crops for several years, notwithstanding that they were the largest crops ever grown, will it be possible for them to do as well when the protection is removed?

Will Injure Canadian Farmers

And while this matter is up you might answer this: You probably know, as it was evident nearly every day in the market reports, that for several years Liverpool did not set the price on our wheat and other export crops, because our prices were "out of line for export," but later the Liverpool prices went up to ours and took what we had to spare. Of course the Canadian farmers who held on to their crops got the higher prices, too. Now if you make it impossible for our farmers to control the situation, they can not perform this good office for the Canadian farmers in the future, and will that not work an injury to the Canadian farmers?

Secretary of Agriculture Wilson said a few years ago: "We can not do too much for our farmers:" I believe that. But we can do too much to them. I firmly believe that if this agreement is ratified, and not promptly repealed, it will be a blow that will stagger agriculture and every industry in the country. As agriculture is so is all business in the country.

So I hope every phase of it will have careful consideration. I am sure, if there is any doubt about its effect on agriculture, that industry should be given the benefit of the doubt. That all business, including agriculture, was prosperous and satisfactory for several years down to 1910, can not be gainsaid. Possibly the only cloud was the high cost of living. But, as far as farm products are concerned, that can not be charged to the farmers who received only 33 cents out of the dollar the consumer paid. So if it can not

(Continued on Page Five)

Open Letter to President Taft

(Continued from Page Four)

be shown that the agreement will benefit agriculture, or keep it from harm, then should it be ratified?

Finally, Mr. President, the cardinal principle of the party which placed you in your present exalted position is to protect American industries and labor from cheaper foreign labor. Can you afford to take that protection, the most meager protection vouchsafed any class of American labor, from the greatest and most necessary industry our country knows, and yet avow that you are for the protection of American interests? Or can you afford to thus take the most meager protection from the great class referred to and still accord the much greater protection to other industries?

These are questions, Mr. President, that the people are deeply considering, and in which they are as deeply concerned.

I have the honor to be,
Very respectfully,
J. A. EVERITT,
Pres. Farmers Society of Equity.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the present term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$6 00@7 00
HOGS—At Chicago, per cwt. ..$6 00@7 00
POTATOES—Good to choice, at Chicago.....50@60
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

Advice

Hold wheat, corn, oats and broom corn. Market hay, beans, cattle, hogs, barley, potatoes and cotton. Stop marketing when the price goes below the minimum.

SINCE our last report a great change has come over crop prospects. The drought that was severe in a few sections and threatening in many others, continued and has caused disasters over extensive territories including several crops. Except in the Southwest States the winter wheat harvest is good to excellent, but drought has changed the almost perfect condition of the spring wheat crop to one that is causing much apprehension. Irreparable damage has been done in some sections already. While corn has been retarded in many sections it can not be said that any particular damage has been done that timely rains will not remedy. The oats yield will be very much short of the crops of recent years. The same applies to hay. Early potatoes was a short crop.



The Goose With the Golden Eggs
From the *Inquirer* (Philadelphia)

The late potato crop is all a weather proposition but the weather must be exceptionally favorable to make a full crop because the low prices for two years caused a reduced acreage to be planted. Cotton prospects are generally satisfactory.

Markets the last two weeks have been what may be called "weather markets." Nearly all prices fluctuated violently at times, on reports of droughts or rains. Wheat suffered a decline of about 3 cents at Chicago to 5 cents at Kansas City since our last report. Corn gained 1 cent at Chicago to 3 cents at Kansas City. Oats gained 1½ cents at Chicago to 5@6c at Kansas City. That the greatest gains in corn and oats were at western points, is significant for the future prices of these grains. Also the "future" prices of wheat, corn and oats are higher than the present, another indication of the market trend to higher levels.

The government has sent out a bulletin announcing the cost of raising oats, based on the 1909 crop: With rental—Ohio, 33c; Indiana, 31c; Illinois, 30c; Michigan, 32c; Wisconsin, 31c; Iowa, 29c; Nebraska, 30c; Kansas, 30c; Texas, 29c; Oklahoma, 25c; Maine, 52c; Pennsylvania, 29c; Southern states, 41 to 46c; United States, 31c.

This was on the basis of a crop of 1,007,000,000 bushels. When the crop is less the cost per bushel is proportionately higher. On the same basis a crop of 850,000,000 bushels for 1911 will represent a cost of 35 to 37 cents a bushel, at the farm.

Reports indicate that, taking the country over we are now experiencing the greatest drought since 1901. The result of it will not be appreciated for some time yet. The prospect for 50-cent oats and 65-cent corn would hardly suggest selling new wheat around 75 cents a bushel.

Look over the list of minimum prices above and then note how many crops sold to them. Wheat is the only very lame duck. It has been hobbling on the reciprocity crutch.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on June 17, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	June 17, 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	29,844,000	— 664,000
CORN	13,701,000	X 5,800,000
OATS	17,146,000	X 4,140,000
BARLEY	1,115,000	— 232,000

The visible supply of grain in Canada on June 17, with comparisons, are as follows:

WHEAT—10,478,000 bushels. This is 2,062,000 bushels less than two weeks before and 351,000 bushels less than a year before.

OATS—4,654,000 bushels. This is 1,646,000 bushels less than two weeks before and 894,000 bushels more than a year before.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	June 16 1911	June 9 1911	June 17 1910
American	1,553,893	1,671,722	1,588,790
Other kinds	1,125,000	1,142,000	1,112,000
Total	2,678,893	2,813,722	2,700,790

The total visible decreased 438,686 bales in two weeks.

Price of cash cotton at New York on June 24, 1911—Middling uplands, 15.00c; middling gulf, 15.25c. Two weeks before the price was 70 cents per cwt. higher. A year before the price was practically the same.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on June 24, two weeks before and a year before, as follows:

	WHEAT, No. 2, RED June 24	2 Wks. before	A Yr. before
Chicago	88¼@89½	91⅞@93	$1.02
St. Louis	86½@87½	90 @92	1.01
Kan. City	83 @83¾	88 @89	1.00
Cincinnati	.85 @89	90 @94	1.05
New York		98½@99¼	1.05

Minneapolis—Spring wheat, No. 1, hard, 98½c; No. 1, northern, 93½@96¼c. Two weeks before, $1.00 and 97½@99½c, respectively. A year before, $1.15 and $1.12½@1.14, respectively.

	CORN, No. 2, WHITE		
Chicago	.55 @55½	53¾@54½	64
St. Louis	. 57½	55 @55½	65
Kan. City	57½	54 @54½	65
Cincinnati	57 @57½	57 @57½	67
New York		61	68¾

	OATS, No. 2, WHITE		
Chicago	.39 @40	37½@37¾	41
St. Louis	. 43½	38½@39	40
Kan. City	42¾@43	36 @38	36
Cincinnati	41 @41½	40 @40½	42
New York			45

Future Grain Prices

Chicago grain futures closed June 24 and two weeks before as follows:

WHEAT—July, 88¾c; September, 88½c; December, 91¼. Two weeks before, 92¾c, 90c and 92c, respectively.

CORN—July, 55¾c; September, 57⅜c; December, 56⅝c. Two weeks before, 54¾c, 55⅞c and 54½c, respectively.

OATS—July, 40¾c; September, 41¾c; December, 43⅛c. Two weeks before, 37½c, 38c and 39c, respectively.

Chicago Produce Market

June 24, 1911

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations always, for the sake of comparisons.

POTATOES—Arrivals by cars with comparisons, follow:

	This Week.	Last Week.	Last Year.
Monday	98	64	46
Tuesday	25	29	32
Wednesday	28	27	13
Thursday	32	16	10
Friday	22	33	9
Saturday	30	27	6
Total, 6 days	235	196	116

The market was lower. Sales ranged today from 75c for poor stock up to $1.00 for choice. Holders were inclined to sell and at the reduced prices buyers took hold quite freely. Receipts have been good all week.

Sales reported were: 1 car Wisconsins at 75c, 1 car do. at 85c, 3 cars and 78 sacks Michigans at 90c, 5 cars Michigans at 95c, 1 car do. at 98c, 2 cars do. at $1.00.

Per. bu. Michigan, round, white common, sprouted to fair $ 85@ 90

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
X 9,776,000	X 14,258,000	—3,720,000
X 1,338,000	X 7,008,000	X 489,000
X 7,362,000	X 7,428,000	X 883,000
—1,711,000	— 142,000	X 11,000

Good to choice	95@	97
Fancy	98@1	00
Wisconsin, poor to fair	75@	85

NEW POTATOES—Were lower. About 20 cars in all were received today. The trade was only fairly active. Fancy Virginias sold in car lots at $5.75 per barrel, and there were some sales of small at lower prices. From other sections there as not enough potatoes coming to make a market.

Sales reported were: Virginias, 2 cars, at $5.75.

The price of old potatoes is about 35 cents a bushel higher than two weeks before. The price of new potatoes is also much higher. (Old potatoes sold as high as $1.50 a bushel in nearly all markets and in some over $2.00 a bushel, since our last report.) A year before old potatoes were selling at 10@15c a bushel; new potatoes at $2.30@2.40 a barrel.

HAY—Receipts, 894 tons. Low and medium grades dull. Demand light and offerings large. Choice grades in fair request and steady.

Choice Timothy Hay	$23.00@24.00
No. 1 Timothy	20.00@22.00
No. 2 Timothy	18.00@19.00
No. 3 Timothy	15.00@17.00
Kansas and Oklahoma Prairie, choice	16.00@16.50

The price is practically the same as two weeks before. A year before the price of choice timothy was $16.00@16.50; Prairie hay at $14.50@15.00.

BROOM CORN—Selling in a moderate way at former quotations.

BEANS—There was a sharp advance in the price of Pea Beans the past week. It was due to a better demand, and high prices for potatoes were cited as the main influence to bring this about. Stocks were reported as light and receipts very moderate to small. The crop outlook was said to be good. In the other kinds of Beans no material change deveioped. At the close prices were running as follows:

PEA BEANS—	
Hand picked, choice	$2.38@....
Good but not strictly hand-picked	$1.85@1.95
Mediums nominally about same as Pea Beans.	
Red Kidneys, depending on quality	3.25@3.65
Brown Swedish, depending on quality	2.00@2.65

The price of pea beans is 35@40 cents higher than two weeks before; other varieties unchanged. A year before pea beans, $2.35@2.40.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	17,212	19,932	14,916
Tuesday	17,056	20,817	23,552
Wednesday	12,589	19,364	19,108
Thursday	10,833	11,200	12,419
Friday	12,306	13,753	17,287
Saturday	11,212	16,466	21,436
Total	81,208	101,532	108,718

Receipts April 1, 1911, to June 24, 1911, 1,491,181 cases.

Receipts, April 1, 1910, to June 25, 1910, 1,728,984 cases.

Receipts, April 1, 1909, to June 26, 1909, 1,626,480 cases.

There is a fair business and no new developments in the market. The demand is confined to strictly fresh Eggs. All fresh laid, sweet, full eggs will sell, and receivers have no difficulty in disposing of such. Stock which is not fresh, showing heat and shrunken and an unusual quantity of rots is dull, and receivers have more or less difficulty in selling such, prices for which are irregular and depending on quality. On account of the very hot weather, a larger proportion of heated stock is being received.

The following quotations were established by the Butter and Egg Board today:

Miscellaneous lots, cases returned, 10½@11c, depending on quality.
Ordinary Firsts quotable at 12c.
"Firsts" quotably 13c per dozen.
"Prime Firsts" quoted at 14c.
Checks or Seconds quotably 7c.
Dirties quotably 9@9½c per dozen, with No. 1's quotably 9½c.

The price is about the same as two weeks before. A year before the price was 2½ cents a dozen higher.

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Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

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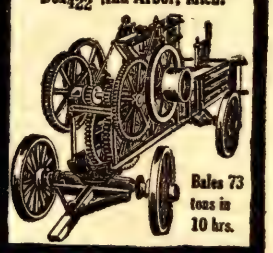
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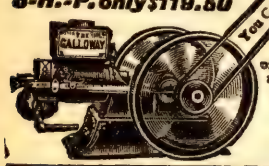
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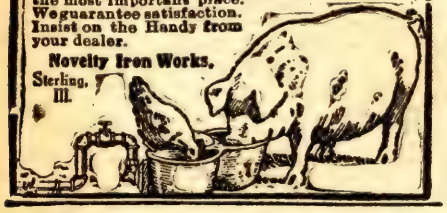


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Insect Pests and the Farmer

AMONG the adverse conditions against which farmers must contend, insect pests are by no means the least. The average total monetary value of all of the farm products of the United States each year, based upon government reports, may be placed approximately at six billion dollars. This is an immense sum, and though based largely upon estimates, is no doubt sufficiently correct for practical purposes. But large as this sum is, if what insects destroy could be saved without a reduction of price, the value of annual production would be very largely increased. If those who are so anxious that more be produced, would direct more of their efforts to practical methods of destroying destructive insects, they might see better results come of their labors. Of course, experts are engaged in this work, and large sums of money are appropriated to aid them, but like so much other work of that kind, it is easier to spend the money than to find what has been accomplished.

It is authoritively stated that the Hessian fly reduces the value of the annual wheat crop, at prevalent prices not less than $20,000,000; that the chinch bug knocks off another $15,000,000, while, in various portions of the country, locusts, grass hoppers, cut worms, army worms, etc., are chargeable with not less than $65,000,000. In other words, if there were no losses to the wheat crop from the work of insects the average value, if prices could be maintained, would be raised, without the sowing of an additional grain, or the harvesting of an additional acre, from an approximate $450,000,000 to $550,000,000.

In the same way, the corn root worm, the chinch bug, and other insects reduce the yield of corn sufficiently to make the value of that crop at least $80,000,000 less than it would were there no insects to reduce its production.

Hay production, it is declared, is in the same way shortened to the amount of about $60,000,000.

The San Jose scale, the coddling moth, curculois and other orchard pests make the value of the fruit crop about $37,000,000 less than it otherwise would be at the prices paid.

The value of the potato crop is reduced by insect pests about $30,000,000; and like figures might be given of representative losses to other crops, including garden products.

In 1904 the cotton crop of Texas alone was reduced in value not less than $22,000,000 by the ravages of the cotton boll worm, and since then this pest, in spite of the work of experts and the planters, has spread almost all over the South, and wrought incalcuable havoc in the acreage production of this great crop.

Here is a great field for work, and if those who can see no remedy for high priced provisions but in the increase of production will kill the insects, they may have it.

THE BINDER AND ITS TREATMENT

THE self binder will soon be busy again in the wheat fields of the country, and in view of the treatment that important machine too often receives, we condense the following from an article written by Prof. Dolve, of the North Dakota Agricltural College:

A binder is used on the average not much more than two weeks in a year, and lasts about five years. This makes its period of usefulness, its actual time of use, not more than from seventy to one hundred days. Taking the cost of the machine into consideration, one may easily see what the owner pays for its use. But this period of usefulness, says Prof. Dolve, may be almost indefinitely prolonged by proper care and treatment.

Before binders are put away after a season's work, they should be gone over with the same care that a good engineer would go over his engine. All old grass and dirt should be removed from the surface as well as from the bearings. It should then be carefully oiled and all bright parts greased to prevent rusting. This is the time, too, to make all repairs the machine may need for next year so that it may be put away in perfect condition. The operator knows better at that time what repairs are needed than he ever will again. Besides, the machine may be run by a different person next year. After this is all done, put the machine away where neither weather nor fowls or animals or anything else can get to it to injure it, and the farmer may drive a practically new machine into his harvest fields every year for an almost indefinite number of years.

Care in using the binder is important also. Too often an inexperienced person is put to operate the binder, and what is far worse, a person who knows nothing and thinks of nothing but to drive. The operator should know what is expected of him, of his team, and of his machine. The least error in adjustment, or the loosening of a nut or bolt, should be detected by him instantly, and he should not move another inch until the defect is remedied.

Care is required in oiling also. Dashing oil at the bearings and smearing it over half the machine is worse than a waste of oil; it causes dust and sand to gather on the machine and thence work into the bearings and wear out the machine. Know every place where oil is needed, apply the oil with care, fill the holes but avoid overflows or splashing of oil, and see to it that it is done at frequent intervals.

Co-operation among farmers, says Prof. Dolve, to secure an equitable price for their products is one way of making farming pay, and is to be encouraged; but since the profit from farming is the difference between the selling price and the cost of production, the latter may be materially diminished by proper treatment and care of farm machinery.

A potato digger is an implement that every farmer who raises potatoes should have. You can get valuable information if you write Hoover Mfg. Co., Box 88, Avery, O.

If you want to engage in a profitable business requiring no capital write to the National Co-operative Realty Co., M139 Marden Building, Washington, D. C., for full particulars of this proposition.

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after you have once pumped it. Throw away the obsolete wooden pump. Install one to force the water where you want it.



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have no chain to kink or catch on the tube, they are always ready to throw a big stream.

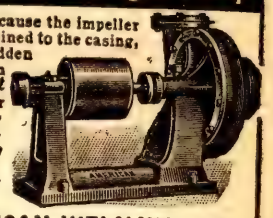
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Beware of the cheap imitations. The Genuine has **C B F R** stamped upon the Coupling of every Rod section. Buy no Rod which does not have these letters.

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Look for this It stands for
THE WORLD'S BEST LIGHTNING ROD
RELIABLE AGENTS EVERYWHERE. PATRONIZE THEM.
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before the law—but it costs money to go to law. You need not go to law to get full value of your products if you weigh them on your own scale. Buy the best and your word is law. Buy from me because for forty-six years I have been fighting for you against trusts and dealers alike, who say that because I think your money should buy as much as any dealer's, they will put me out of business. We need no agents you and I. When you tell me what scale you need I will offer you mine on approval—guaranteed to suit—warranted to be standard and at the same price that your dealer would pay me. No better scale is made—no good scale is sold for less. My offer is free and saves you money.

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Automobile for Business and Pleasure

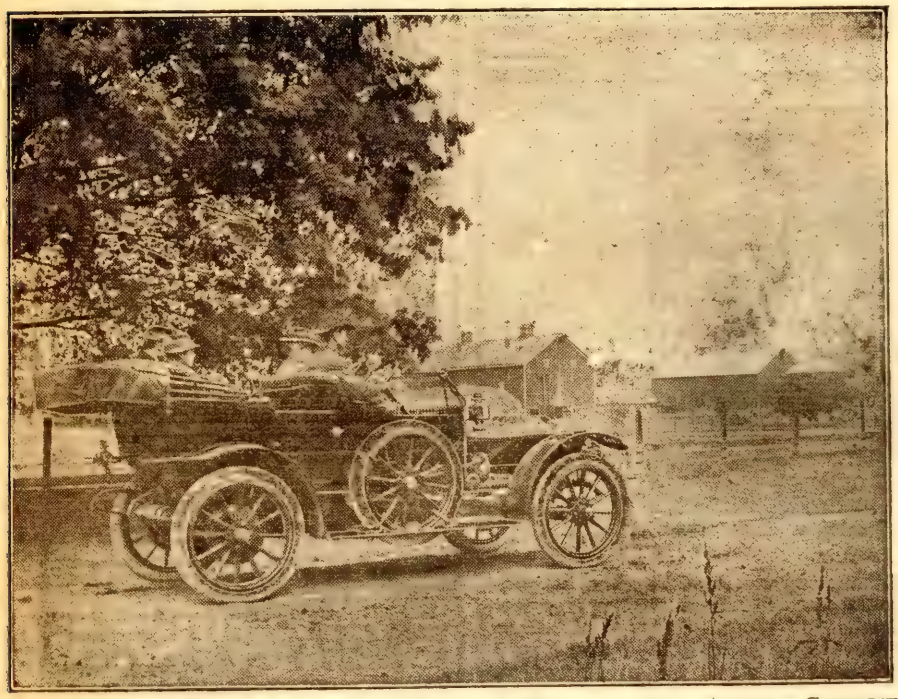
THE Long Island Railroad Company maintains two experiment stations along its lines for the purpose of demonstrating the possibilities of farming in its territory. One of these farms is at Wading River and the other is across the country fifteen miles at Medford, where the director, Mr. H. B. Fullerton, resides. It was a difficult matter to keep things running smoothly on these two farms, as they were not connected by an interurban, steam or trolley line. It necessitated a drive of fifteen miles back and forth between the two stations. "To this bald fact of mileage," writes Mr. Fullerton, "is annexed another time-destroying element, for the greater part of the distance must be traveled over little used roads, which are 'worked,' when worked at all by methods far from the ideal for the betterment of travel conditions. The round trip by horse power meant a full day on the road, hence a full day lost from our well-filled schedule, and, as no summer day can ever be 'made up,' a substitute for our excellent roadster was sought. We found it in a high-wheeled automobile.

"The road we have to travel is made up largely of underbrush and sand. When driving by horse it is almost necessary to take up two days for the trip. We make it in the auto in a little less than an hour and a half. It also saves us time in making the trip from the farm to Medford for the mail, a distance of two miles, and our nearest market and town of any size, Patchogue, which is six miles distant.

"During the past summer we had the honor as well as the pleasure of entertaining Col. Theodore Roosevelt and Mr. Ralph Peters, president of the Long Island Railroad Company, at our new home here at Medford. In the afternoon we drove the two gentlemen from Medford to Wading River, that they might inspect No. 1, and at the same time view the country between the two stations."

In an effort to find means of overcoming the distance between these two farms Mr. Fullerton says he found that thousands of Western farmers, big and little, were using a motor driven wagon in roadless territory, and investigation proved it a thoroughly practical vehicle. Mr. Fullerton used a car made by the International Harvester Co.

The experience of Mr. Fullerton goes to prove that the automobile is adapted to the farmer's needs and that road conditions will not prevent its use. As a convenience for light hauling it is far superior to the horse-drawn vehicle, particularly in the hot weather when road work is extremely hard on horses.



A "Hurry Trip" to Town is Made a Pleasure With an Auto.—PHOTO COURTESY RAMBLER MAGAZINE.



Save Your Clover Seed

FROM $2.00 to $5.00 more an acre can be realized from your land if you take care of the clover and alfalfa seed.

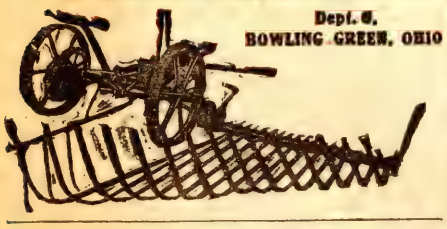
The SIDE DELIVERY CLOVER BUNCHER AND HAY WINDROWER attaches to any style of mowing machine and bunches or windrows the hay at the will of the driver, as you cut it. No dragging over the ground, threshing out the seed and knocking off the leaves. Often when clover is over-ripe, 50 per cent. of the seed is lost in raking and tedding.

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Steel shingles can't burn that's certain.. They outwear the building, never need repairs, beat composition roofing, reduce fire insurance. The Edwards Mfg. Co., 411-461 Lock St., Cincinnati, O., make them and guarantee against lightning.

A handsome fence around your home will add twice its cost to the value of the place. Besides it is a lot of satisfaction to one to have a good looking place. Write Dwiggins Wire Fence Co., 208 Dwiggins Ave., Anderson, Ind., for price on ornamental fence.

TRUE AS PREACHIN'

The trials that make us
Fume and fret;
The burdens that make us
Groan and sweat—
Are the things that haven't
Happened yet.

The *Marathon* Is An Investment For the Man Who Lives On the Farm

The Automobile is no longer a luxury, but a *vital necessity* for the farmer. It doubles his efficiency and adds greatly to his profits, comfort and pleasure. The *Marathon* will save him many a valuable hour, it lessens the distance between his farm and the city; makes marketing easier and more profitable. In a

Not simply a car - **Marathon** - but car service

he can conveniently haul his produce to the market, take his children to the better city schools, drive oftener to the fields, and after the car has faithfully performed all its tasks, he and his family may enjoy the exhilarating pleasure of automobiling. Sum it all up and you will realize that the *Marathon* is the *most profitable investment* you can make. It will pay for itself by saving team, time and trouble.

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It is an *economical car*, its up-keep is always small. The *Marathon Excels in Speed, Endurance, Reliability, Style and Perfect Power Transmission.* When you buy a *Marathon you get all-round car efficiency.* It is now entering upon its sixth season and *challenges comparison* with cars selling at twice the price.

Marathon models include Torpedo Touring Car, Fore-Door Touring Car, Standard Touring Car, Standard Roadster and Torpedo Roadster.

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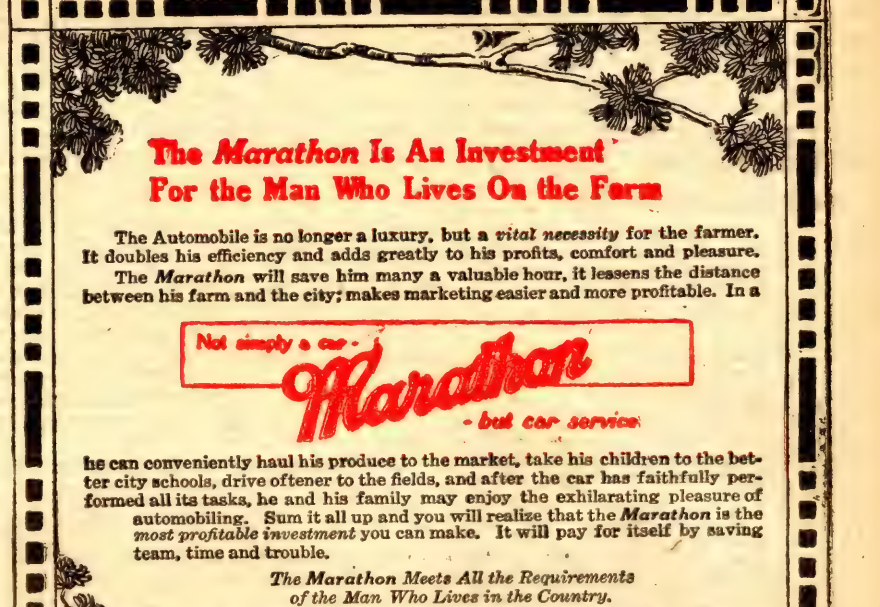
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An engine that is made so good in the factory that I will send it out anywhere in the U. S. without an expert to any inexperienced users, on 30 days' free trial, to test against any engine made of similar horse-power that sells for twice as much, and let him be the judge. **Sell your poorest horse and buy a**

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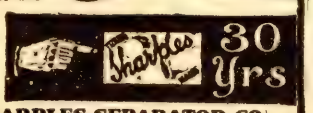
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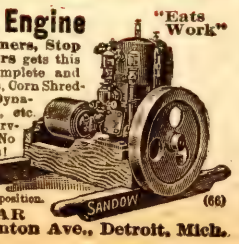
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Farmers and Shop Owners, Stop Sweating! A few dollars gets this grand little work engine, complete and ready to run Cream Separators, Corn Shredders, Grist Mills, Feed Mills, Dynamos, Printing Presses, etc., etc. Gives a lifetime of steady service! All Sizes: 2 to 20 h. p. No cranking! No cams! No gears! Only 3 moving parts. Finest construction. Thousands in use. Guaranteed 5 years. Write for Special Introductory Proposition.



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Silage For Horses and Chickens

THOMAS DAILY, Lewiston, Minn.

For the past six years I have been using a silo and consider it one of the best investments I have ever made on the farm. The longer I use it the more I am pleased with it. My experience with it has always been in winter feeding and have fed silage to dairy cows, fattening cattle and young stock and like it very much for chickens. Occasionally I feed it to my horses and they seem to relish it very much. I have always used corn silage and in all my experience consider that silage, in so far as it is a rough feed, is the most economical way of handling roughage.

The dimensions of the Indiana Silo which I put up are 24 feet high and 16 feet in diameter. Below the silo proper I made an excavation of 3 feet. The silo sets on a foundation of stone, being 18 inches thick, the wall inside being cemented. In putting up the silo it was set a little within the center of the wall. Generally it is advised to bevel the wall where the foundation meets, particularly if the foundation is of any great depth. Although mine is not beveled I have never had any spoiled silage where the foundation and silo proper meet.

It is possible that in this region where the corn does not make so much stalk, that it costs more per ton to fill silos than it does farther south, yet from my experience the cost per ton of producing silage is very cheap in this region. I figure the cost per acre of growing corn for silo as follows:

Interest on $75.00 (land)	$ 3.75
Taxes	.30
Seed	.20
Plowing, preparing land	1.50
Planting	.25
Cultivation	1.00
Cutting corn and filling silo	3.00
Cost, per acre	$10.00



In the Far North—Thos. Dailey's Barn and Silo, Lewiston, Minn.

Estimating an acre of corn to produce 12 tons of silage, which is a low estimate for yield, the cost of silage per ton would be 87½c. I feel that I have been liberal in all my estimates.

Certainly this is the cheapest form in which feed can be put up, the entire plant preserved in a palatable form, and it has a beneficial effect on the digestive systems of animals. In all my feeding I feel that I have realized a good big profit and I consider my silo investment one of the best I ever made on my farm.

CHEESE FROM BUTTERMILK

THE IDEA of making cheese from buttermilk is a new one, and it may result in the addition of a valuable food product, and the saving of what is quite generally a waste. The cheese is said to be equal in food value, pound for pound, to lean steak, and it can be made and sold at half the cost of meat.

The buttermilk is curdled by heating to 80 degrees, and left undisturbed for an hour. It is then heated to 130 degrees, and, after standing quiet for about an hour, the clear whey is drawn off the curd, and the latter is placed on a draining rack and covered with cheese cloth. Here it remains half a day, or may remain over night, or until as dry as desired, when it is salted with one and one-half pounds of salt to one hundred pounds of curd. It is then ready for use.

This cheese may be shipped in butter tubs, and retailed in paper pails or other small packages. It will keep for a week or ten days at a temperature of 50 to 60 degrees, and may be kept almost indefinitely in 32-degree cold storage. The price is usually three to five cents at the factory, and seven to twelve at retail.

THE MILKING BREEDS

IT IS generally understood that the Jerseys and Guernseys are the great milk and butter breeds, and that the Holstein is as a breed, the greatest milker. But Canadian experiments have proven what many people have believed all the time, that high class milkers may occasionally be found in any breed. In decidedly older years we remember some scrubs that could scarcely now be excelled for either milk or butter.

But these are only accidental or abnormal cases, and established breeds that are known to excel should be looked to for desired qualities.

If farmers knew how easy it is to pull stumps it would be hard on the stump crop. Use the loafer land the stumps are wasting. It is as good as any and richer than most of your land. For prices of machines to do the work and full information write Hercules Mfg. Co., 160 17th St., Centerville, Iowa.

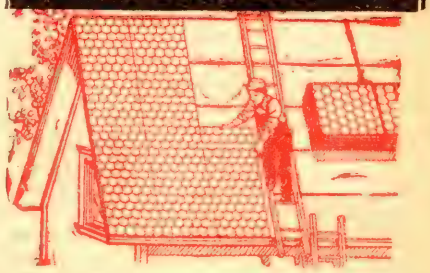
Like Papa

"Ma, did Moses have the headache like papa does?"

"Why, my dear child, what do you mean?"

"It says here in the Bible, the Lord gave Moses two tablets."

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which is full of valuable roofing information. Send us the dimensions of your roofs and we will quote you the low cost of a Reo Steel Shingle Roof delivered to your railroad station. Ask for our Special introductory offer to represent us in your community.

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Send 50c for 100 fine white envelopes—full size—with your name and address in corner. 100 noteheads, ruled both sides, 50c. Both $1.00, postpaid. Guaranteed best work. Sure to please or money back.

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Means Sweet Cream

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United States Separator

cream is in great demand at all creameries. Thick cream means less bulk to transport, but more skimmilk for feeding. United States Separators **hold world's record** for closest skimming. They are the **Standard Separators of the World.**

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Vermont Farm Machine Co.,
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a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

ABSORBINE

Before After will clean them off without laying the horse up. No blister, no hair gone. $2.00 per bottle delivered. Describe your case for special instructions and Book 8 E free.

ABSORBINE, JR., liniment for mankind. Removes Painful Swellings, Enlarged Glands, Goitre, Wens, Bruises, Varicose Veins, Varicosities, Old Sores. Allays Pain. Price $1 and $2 a bottle at druggists or delivered. Manufactured only by W.F. YOUNG, P.D.F., 102 Temple St., Springfield, Mass.

Sent Free If You Keep Cows

PROTECTION FROM FLIES AND INSECTS

Increases Flow of Milk 10 to 20 Per Cent.

It will not cost a cent to protect your cows and other animals from pesky flies and insects all summer. It is easy to do and takes practically no time.

If cows are protected from flies they will give more and richer milk. Milk flow is increased from ten to twenty per cent. It may mean the difference between profit and loss. Figure what this means to you—three to five quarts of milk a day per cow will mean a whole lot this summer. The cow pays for the Fly Fuma in increased milk and returns you a big profit besides.

Fly Fuma will protect your cows, if sprayed on lightly or rubbed on with a cloth. It is harmless to man or beast. Cures sores. Good for horses, galls and gives them a fine glossy coat. Kills lice on Poultry, fleas on Dogs, etc.

Mr. F. McGavock, Nashville, Tenn., writes: "I used Fly Fuma on 50 cows in dairy with perfect success. Man with sprayer will go over herd in ten minutes. I use it on horses with fine results. It is fine for sore shoulders and harness galls."

Our Big Free Offer

Fly Fuma has been made and sold by us for fifteen years. It has given perfect satisfaction to thousands. To introduce it to new farmers and dairymen we make this big free offer:

Send $1.00 and the coupon below for a gallon can of Fly Fuma and we will include a 50c Electric Sprayer free. This is the best proposition ever made on a similar preparation. None of the imitations equal Fly Fuma. Fill out and mail the coupon today.

O. K. SEED STORE
Indianapolis, Ind.

O. K. SEED STORE
Indianapolis, Ind.

I have never used Fly Fuma. Enclosed find $1.00 for one gallon and a free *Electric Sprayer*, as per your offer in Up-to-Date Farming.

Name .....

Address .....

.....

HOGS, MONEY AND MEAT

ONE OF the great industries of this country is hog raising. An idea of its greatness may be obtained from the following report of the money paid for hogs by the packers, east and west, during the years ending March 1, 1911, and March 1, 1910. A comparison of these figures also shows the increase of the business during the last year. In the year ending March 1, 1911, western packers paid for hogs, $424,328,000, and for the same year eastern packers paid $85,000,000, making a total for the year of $509,328,000. During the preceding year western packers paid $396,893,000, and eastern packers $96,000,000, totaling for that year $492,893,000. It will be noticed that western paid considerably more last year than they did the year before, while the eastern slaughterers paid considerably less. This does not necessarily mean that more hogs were bought last year than the year before, for the amount paid depends upon the price as well as upon the number of hogs. The quantity of hog meat and other products made of these nogs during the last two years is shown by the following figures:

	1910-11	1909-10
Green meats, lbs	2,773,834,000	2,866,026,000
Lard, lbs.....	723,214,000	703,537,000
Lard, tierces	2,191,000	2,132,000
Mess pork, bris..	34,000	27,000
Other pork, bris	391,000	324,000

For the twelve months ending March 1, 1911, the western packers slaughtered a total of 21,755,000 hogs, compared with 24,162,000 slaughtered the year before. It will be seen that they paid more money for hogs last year than they did the year before, though they bought 2,407,000 fewer hogs. As we have said, the amount paid depends upon the price.

The question arises, did the slaughterers and packers need more hogs than they got, and did they have to pay more for them than a reasonable price? If Canadian hogs are to be admitted to our markets free, will it supply any real need of the packers, or will it give consumers any cheaper meat? Since the packers make both prices it is not to be supposed that it will do either, but it will oversupply demands that are already supplied, and reduce the prices paid the farmers.

WHY THE BUTTER DON'T COME

MR. J. L. HARMON, an esteemed correspondent at Greenville, Tenn., says his wife churns for hours at a time and can hardly get the butter to come, and he asks us to tell him why. "She uses an old fashioned churn," says he, "and the trouble is always at this time of the year; and the important part of the question is how to make the churning quick and easy."

That is by no means a new trouble. It was prevalent in the ancient days of spooks and witches; and then they thought it was caused by witches getting into the churn. These witches were present both winter and summer, and they had to be driven out of the churns before the butter would come. In winter they drove out the witches by pouring a little warm water into the churns, and in summer they did the same thing by pouring in cold water.

The trouble is the temperature of the cream or milk. If the milk is too cold it is likely to foam, and the butter will not separate from the milk; if it is too warm the butter, if it separates at all, is like oil or melted grease, and floats on the top but can not "gather."

The remedy is to have the cream at a proper temperature, say from 50 to 60 degrees. But, while the temperature is usually the cause of the trouble, there may be other causes. Proper ripeness of the cream is to be considered, and sometimes certain pasturage may affect the coming of the butter.

INFORMATION ABOUT CALIFORNIA

California is known the world over for its wonderful climate and as a delightful place to live. Many people would like to enjoy it sgreat advantages and often think of going there "some day." "Some day" is to be that happy time in the future when they have lots of money.

But California is not alone a rich man's country. There are wonderful opportunities in the Golden State for farmers. Land is not expensive in many desirable sections. A small farm will produce the money that a big farm will in the central west without the work of the latter.

But the opportunity to buy desirable California land at a low price will not continue forever. More and more it is being held and sold for higher prices.

Some very interesting instructive and valuable literature has been issued by the Homeseekers Information Bureau, 714 Bee Building, Omaha, Neb. They have no land to sell. We advise sending for their free books. Write to the address given.

Which One Will You Test on Your Farm for Ninety Days? Freight Prepaid



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Which will you try, 30 Days' Free or 90 Days' Approval Test?

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—The only Separator whose gearing runs in a "Bath of Oil" like a $5,000 automobile—Feature worth $50.00 alone.

—Automatically oils itself—Pour oil at the top once a month from your oil jug or can—No danger of running dry, or ruining it like others—No oil cups to remember to fill or turn up twice a day.

—Dust-proof—Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

GALLOWAY'S New "Bath in Oil" HIGH GRADE STANDARD CREAM SEPARATORS

—Has the only revolving supply tank—worth $15.00 alone.

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—Easiest to run—high crank—low tank. With no high lifting and no "back-breaking" cranking.

—Gets the finest quality cream and all of it—no lumps or churning, as Nature's true principle is followed without forcing either the milk or cream the wrong way up or down.

—Skims closest in any climate or season, no matter whether your milk is warm or cold.

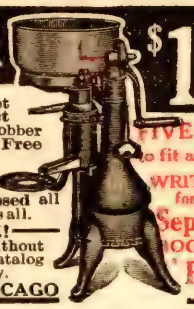
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You'll call it the best if you test it alongside any of the highest priced $85.00 and $110.00 separators sold by anybody today—makers—catalog houses—dealers—jobbers or anybody else. Write me today.

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Prices range from $40 to $75 per acre for improved farms.

My farms are close to thriving towns, good roads, churches, schools, telephone, rural delivery, interurbans, good neighbors, prosperous community.

For full information write to

OTA J. SHAW, Dept. A, Winamac, Indiana

You Can Cure That Lame Horse Under A Bond Guarantee



He Asks You To Please Send This

A LAME horse means money lost. You can neither work him or sell him to advantage. There is no excuse for your having a lame horse about the place for we absolutely guarantee Mack's $1,000 Spavin Remedy to cure spavin and send you a bond to back up the guarantee.

This is a straight-forward business proposition that you cannot overlook if you have a lame horse. Not only for the sake of the horse—but for your pocket-book as well, you should read every word of this advertisement and then send the coupon without the loss of an hour.

Don't let your horse suffer—don't sell him for a few dollars—ask us to tell you how to remove the lameness safely, surely and quickly.

Under $1000 Bond We Guarantee Mack's Remedy to quickly and permanently relieve the worst case of Bone or Bog Spavin, Ringbone, Thoroughpin, Curb, Capped Hock, Shoe Boil, Sprung Knee, Lacerated and Ruptured Tendons, Sweeny and all other forms of lameness affecting a horse. Contains nothing that can injure the horse and heals without leaving scar, blemish or loss of hair. We positively guarantee every bottle of Mack's $1,000 Spavin Remedy; if it fails, you get back every cent you paid for it—as stated in our $1,000 Warranty Bond.

Relieves Cases Formerly Considered Incurable

No matter how long your horse has been lame, or what the nature of his lameness; you can absolutely rely upon Mack's $1,000 Spavin Remedy. We know of many cases where owners have paid out big fees and had valuable animals tortured with "firing," "blistering" and other good-for-nothing methods and as a last resort tried Mack's $1,000 Spavin Remedy, and were amazed at the painless, positive, quick and permanent cure.

Nearly Every Mail Brings Us Letters Like the Following:

"The remedy you sent me cured the two horses that the hoof was coming off. The mule's foot was nearly off when I got the medicine, but in five days the mule was able to walk on it. The horses are working every day, and have been since using your remedy the third day. It is the best medicine I ever saw for the foot. Our Vet. said those horses would not be able to work in 12 months, but he sees his mistake now. I recommend your medicine to every one as I know it is all O. K." Yours truly, Ludowici, Ga., Dec. 7, 1910. J. T. COLLINS.

"I am pleased to tell you that MACK'S THOUSAND DOLLAR SPAVIN REMEDY has proved far beyond my expectations. My horse had been lame with side bones on each side of foot for about eighteen months, and I had thought of shooting him at different times. I tried to work him but he would go so bad he would hop along on three legs. My neighbor told me he would never be of any use as they had had horses with the same trouble. I tried other remedies without success, but am working him now and he is sound, and have tested him well. I recommend your 'Mack's $1,000 Spavin Remedy' to all." Yours truly, Summerland, B. C., Dec. 4, 1910. R. H. STEWART.

Your Druggist Will Obtain Mack's $1,000 Spavin Remedy For You

if you ask him. Price $5.00 per bottle. If he refuses, remit $5 to us and we will see that your order is filled without delay. No matter where, when or from whom you buy Mack's $1,000 Spavin Remedy the price is the same. Every bottle is absolutely guaranteed, and is accompanied by our $1000 Warranty Bond, which insures you that your money will be refunded if the remedy fails to do all we claim for it, as stated in our guaranty.

McKALLOR DRUG COMPANY, Binghamton, N. Y.

FREE DIAGNOSIS COUPON

A-8



On picture of horse mark with an X just where swelling or lameness occurs, then clip out coupon and mail to us with a letter, telling what caused the lameness, how long horse has been lame, how it effects the animal's gait, age of horse, etc.

We will tell you just what the lameness is, and how to relieve it quickly. Absolutely no charge. Write today.

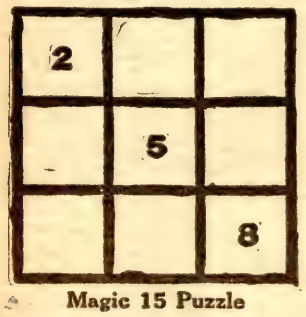
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$5000 WORTH OF VALUABLE Prizes Given

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Magic 15 Puzzle

Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

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Only one answer allowed from the same family. I am offering these prizes in order to introduce and advertise the high-grade Purcell pianos. I will send you the prize you win, with full particulars. Send in your answer at once, on this or a separate sheet of paper, to

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Costs little, no plumbing, little water. Weight 15 pounds, folds into small roll. Full length baths, far better than tin tubs. Lasts for years. Write for special agents offer and description. ROBINSON BATH CABINET CO., 709 Jefferson Ave., Toledo, O.



HEALTH IN THE HOME

IT IS often said that if we can have health we can get along no matter what else may come. Health is the most important thing in life, and it is well to know that most human ailments result from impure air, impure water, or impurities in the food. Any kind of filth is a breeder of disease, and there is often filth in, or around, or about the best kept homes. Water frequently becomes contaminated when there is no known source from which is may become so. Surface drainage into wells and cisterns is a fruitful source of contamination. This drainage may be only at the time of the heaviest rains, and it may have, though distant and unobservable, connection with a barn, barnyard of stocklot, or with a sewer and closet, and may, in a very brief period of surface flooding, contaminate the entire season's water supply, carrying into the well or cistern the most fatal diseases, notably typhoid fevers that are so prevalent and fatal in both city and country.

Too often there is bad air in the home. Insufficient ventilation is the bane of modern country homes. This did not used to me so when the pioneer cabin prevailed, for in those days if there was pure air outside there was pure air within, for there was a constant interchange of air through cracks and crevaces everywhere; and there are many diseases, common and fatal now, that were unheard of then. But in those days decaying vegetation contaminated the air within the dense shade of the unbroken forests that surrounded the homes, hence the prevalence of malarial diseases in the backwoods homes. But the air circulates freely now, and is rarely burdened with impurities; hence it should be welcomed into the home at all times, day or night. Look well to the sleeping rooms. These are the rooms that are most neglected. People are still inclined to be afraid of the night air, and close the rooms too tightly at night; and then in the morning forget or neglect to open them. So they may possibly remain all day, possibly to be opened only a few minutes before bedtime, then to be closed again. Under such circumstances free circulation is impossible, and bad air is breathed night after night. Are any of our readers willing to take chances on the result?

In storage rooms and closets there is seldom any ventilation, and they almost invariably contain foul air. If these rooms are ever left open it is when the occupants of the adjacent chambers go to bed. Contamination of the air in the sleeping rooms is the result, and the sleepers get the "benefit" of it. It is not too much to ask, in the name of health, that all these rooms be opened and aired every day, no matter how hot or how cold; and the entire house should be opened and aired frequently.

It is hardest of all to convince people that there may be impurities in the food, but seeds of disease may be there. And in saying this we are not referring specially to the germs that are so freely discussed in these modern days, but to actual impurities that would be repulsive if known. Cleanliness is the kitchen habit most of all to be commended. Kitchen vessels should never be set away without thorough cleaning. The purest of food leavings that stick to the vessels soon become the nastiest filth, and may contaminate the entire food of the next meal. Do not be satisfied with mere cleaning. Frequently use disinfectants, and be sure that vessels, sinks, drains and closets are all clean and pure, and that left over food and milk and butter have had no chance to become contaminated.

Remember, "If we can have good health we can get along, no matter what else may happen."

A FEW USEFUL HINTS

CANNED and preserved fruits are less likely to contain harmful germs and bacteria than almost any other foodstuff. Canned fruits are boiled before canning, and that destroys the germs. They are then sealed airtight, and excluding the air prevents contamination. Preserved fruits and vegetables are submerged in melted sugar, and germs and bacteria do not flourish in sugar or acids. This places jellies in the same class.

To make rhubarb jelly use tough stalks late in the season. Cut it up without peeling, and add a fourth or more in bulk of sour apples. Use very little water in cooking, just enough to prevent burning. When the juice is pretty thoroughly out, cool and strain, and then bring the juice to the boiling point. Add an equal amount of sugar, and boil briskly until it forms jelly; pour it into glasses and cover with oiled paper or parafine.

A quick and simple cake may be made as follows: Two cups of flour, two teaspoonfuls of baking powder, a pinch of salt. Mix thoroughly and add a third of a cup of melted butter. Break two eggs into a cup and fill it with sweet milk. Put all together, work up till well mixed, and bake.

In cooking greens the color of the vegetables may be preserved by leaving the vessel uncovered and dropping in a lump of white sugar. The taste of the sugar will not be observed.

Some may not know it, but vegetables that grow above ground should be salted as soon as put on to cook, but vegetables that grow below ground, such as potatoes, turnips, parsnips, etc., should not be salted until nearly done. Salt toughens underground vegetables.

Small new potatoes and green peas cooked together and served with a cream gravy, make an acceptable dish on almost any table.

In cooking green corn on the ear the boiling should be rapid and for only a short time. It should be boiled in salted water, and a little sugar added is an improvement.

"Children Teething"
Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

For bed bugs try one pint turpentine, one ounce corrosive sublimate and one pint coal oil.

To prevent lamp wicks from smoking soak in vinegar and dry thoroughly.

THE WISE TAILOR

"But look here, Snip," said Slowpay, "you haven't put any pockets in these trousers. What's the matter with you?"

"Why, Mr. Slowpay," replied the man of clothes, "I was going to suggest that in case you ever had anything to put into them you send it on to us to keep for you."
—*Harper's Weekly.*

His Home

Wife—So it has been decided that a man's home is where he sleeps most?

Husband—Yes, that is what the judge at the election said.

Wife—Well, that settles it. Your home is at the church.

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The People's Common Sense Medical Adviser, in Plain English, or Medicine Simplified, by R. V. Pierce, M. D., Chief Consulting Physician to the Invalids' Hotel and Surgical Institute at Buffalo, a book of 1008 large pages and over 700 illustrations, in strong paper covers, to any one sending 21 one-cent stamps to cover cost of mailing *only*, or, in French Cloth binding for 31 stamps. Over 680,000 copies of this complete Family Doctor Book were sold in cloth binding at regular price of $1.50. Afterwards, one and a half million copies were given away as above. A new, up-to-date revised edition is now ready for mailing. Better send NOW, before all are gone. Address WORLD'S DISPENSARY MEDICAL ASSOCIATION, R. V. Pierce, M. D., President, Buffalo, N. Y.

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THE ONE REMEDY for women which contains no alcohol and no habit-forming drugs. Made from native medicinal forest roots of well established curative value.

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G. A. VOLLMER, Vice-President, Profitable Farming, St. Joseph, Missouri.



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The Cards We Offer You Are The Best

This selected set of beautifully designed, rich and naturally colored flower-cards contains twenty-five high-grade cards that are suitable for every occasion, be it Birthday, Anniversary, Wedding Easter or any seasonable day. As simple message-cards they cannot be surpassed. Each card is entirely different from any other in the set and is finely printed on a selected stock of cardboard, and **heavily embossed.**

We will send **The American Woman** for three months, on trial, together with the Postcards described above, if you will send us only 10 cents in silver or stamps.

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Finest Guaranteed 1911 Models **$10 to $27**
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We **Ship on Approval** *without a cent deposit, pay the freight,* and allow **10 DAY'S FREE TRIAL.**
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Tells "How to Woo an Heiress" "How to Court a Bashful Girl" "How a Lady Should Manage Her Beau to Make Him Propose Marriage" "How to Catch a Rich Bachelor" "Love Letters" "How to Win the Favor of Ladies" "Wedding Etiquette, etc. All subjects treated in a way most helpful to lovers. This great book will be
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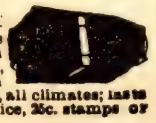
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UP-TO-DATE FARMING Indianapolis, Ind.

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

Since the letters were made up for the June 15 paper, we have received fifty-two Cadet letters, all of them of unusual interest, and many of them containing subscriptions for Up-to-Date Farming. I sincerely thank the writers, but regret that I must be satisfied with giving only the names and addresses of so many. I again assure our readers that the letters crowded out are just as good as those that are printed, and the writers deserve the same consideration. It is only a question of room with us.

DEAR CADETS: I live on a farm of 109 acres. We own 6 horses, 7 cows, and 8 calves. I am going to plant pumpkin seeds today (May 19) if it doesn't rain. My brother will be planting corn at the same time. We have had no rain for a week, and it is getting almost too dry to do anything in the fields. We have an incubator, and have hatched over 600 little "peepies." We have it set again for a neighbor of ours. It holds 240 eggs. I would like to exchange cards and letters with all the Cadets.—Celia Elsaman, Greensburg, Pa.

DEAR CADETS: I am 14 years of age, and graduated from the common school this spring. I live on a farm of 80 acres. Our main crops are wheat, corn and garden truck. The orchards here are all in bloom now (May 19), and they are very beautiful. I like farm life, but I believe I would like the society of city life also. We take Up-to-Date Farming, and I think it a fine paper, especially the Cadet page. I would like to receive cards from any and all of the Cadets, and will answer all.—Clara Lange, Denham, Ind.

DEAR CADETS: Can you find room for a Pennsylvania girl, who is a subscriber for Up-to-Date, and has been reading the Cadet letters for almost a year? I am a farmer's daughter, and live on a farm of some 80 acres in Lancaster county. I think farm life is better than any other, therefore I enjoy reading Up-to-Date. I would like to hear from some of the Cadets, and will answer all letters and cards I receive.—Ruth A Hauck, New Holland, Pa.

DEAR CADETS: Up-to-Date has been in our home for over 4 years. I like to read the good letters the girls and boys write. I live with my parents on a farm of 255 acres. I love farm life and am not afraid of work. I think we boys and girls should stick to the farm, and also to Mr. Everitt and his good paper, for it tells us when and how to get the best prices for our products. We should all thank Mr. Everitt and his good paper, for it tells us when and how to get the best prices for our products. We should all thank Mr. John P. Stelle for taking so great an interest in the young people, and trying to help us through the hard struggles of life. I would like to exchange cards with all the Cadets, especially with Madgie Ozment, Valley View, Tex., she being the same age as myself, 15, October 1. I will try to get some subscribers, as I want to be a Pioneer.—Allen Dowell, Sample, Ky.

DEAR CADETS: Papa has been taking Up-to-Date for about 3 years, and we all think it fine. I look for the Cadet letters first of all. Every thing in our country is lovely now (May 22). The trees all have their leaves. I think this is the prettiest part of the year. We live on a farm of 344 acres. We have 3 horses and quite a number of cattle. I love to go horseback riding. We raise oats, corn, potatoes, rye, wheat, buckwheat, grass, and almost all kinds of vegetables. I am 12 years old, and would be very glad to hear from any of the Cadets, and will answer all cards I receive.—Frank Turner, Grantsville, Md.

DEAR CADETS: I have been reading your interesting letters for some time, and I think it splendid to have such a company as the Cadets of Equity. I have kept silent ever since we commenced taking Up-to-Date Farming, but can do so no longer. I am 19 years old, a farmer's daughter, and the oldest of the family, which consists of 3 boys and 2 girls. The girls are the babies. We live on a farm of 320 acres, have lots of stock, and plenty to do. I have an organ, and have taken quite a few terms of music lessons. My birthday was April 6, and my folks had a surprise party for me. I was taken to town, and when I returned home there was a large crowd of my young associates there. I was sure surprised. My friends gave me a gold locket and chain as a remembrance of my 19th birthday. We sure enjoyed ourselves. There is nothing I like better than a lively time and lots of good music. I am another who would like to exchange cards with some of the Cadets, and will sure answer all I get.—Hattie V. Porter, Surprise, Neb.

DEAR CADETS: I am a farmer's daughter, 22 years old, and live with my father and mother on the farm. I certainly enjoy country life. I have two brothers and one half-brother, but they are all married, and I get a little lonesome sometimes; but I generally find something to do to keep my mind employed. My father takes Up-to-Date, and he thinks it is a fine paper. I like to read it, too, especially the Cadet letters. Some of you certainly write nice letters. I would be glad to get cards or letters from all the Cadets near my age, and I will try to answer all I receive. I really hope to hear from all of you.—Alice Adams, Cobb, Ky.

DEAR CADETS: I am a North Carolina girl, and I am 16 years old, my birthday being August 23. I would like to receive cards from some of the Cadets. My papa takes Up-to-Date, and I like to read the letters, they are so interesting. Albert Nelson, I know how to sympathize with you, for I have been in St. Luke's hospital in Richmond, Va., and was operated on January 17, for an ovarian cyst. Were the nurses kind and good to you at the hospital? They were so good to me that I would like to go back some time, not as a patient but as a nurse. I would like to see more letters from North Carolina.—Pearl Newsome, Germanton, N. Carolina.

DEAR CADETS: We have been taking Up-to-Date Farming for over a year myself, and my father thought he couldn't do without, so he renewed the subscription. It is the best farm paper we have ever taken. I live on a farm of about 150 acres, which is not all cleared; we have a good bit of timber, also some mineral land. I like farm life very much in the summer. We raise corn, oats, rye, wheat, buckwheat, potatoes and strawberries, which are getting ripe now, June 6. I will be 18 years old July 1, and would like very much to have a post card and letter shower by all the Cadets any way near my age.—Bella Peters, West Decatur, Pa.

DEAR CADETS: My aunt has been taking Up-to-Date Farming for about a year, and likes it very much, but I like the Cadet page best of all. We live on a farm of 200 acres, and keep 40 cows, a span of horses, and 500 chickens. We raise all kinds of vegetables, and our crops are hay, oats, barley and rye. I am a little girl 19 years old, and have dark hair and dark eyes, and would like to exchange cards or letters with some of the Cadets about my age.—Jennie Duguette, Mountain View, N. Y.

DEAR CADETS: I am a farmer's daughter, 20 years old. We have been taking Up-to-Date for two months, and I think it is fine and dandy. I certainly enjoy reading the Cadet letters. I live with my mother on a farm of 280 acres, where we raise all kinds of fruit, vegetables and poultry. Our principal crops are corn, wheat, oats and timothy hay. I have two brothers and four sisters. My father died when I was a year old. I think farm life is the best life. I love to stroll through the shady lanes in the "good old summer time."—Annie L. Schneider, Swiss, Mo.

DEAR CADETS: Can you make room for an Oregon lad? I am 15 years old, and live on a 960-acre farm. Our chief crops are wheat, oats and barley, though quite a few raise large quantities of potatoes, and the Indians do a lot of fishing, mainly for salmon. My mother has only been taking Up-to-Date for about 2 months so I have not had much chance to read the Cadet letters, but I enjoy them almost as well as I do reading the other good things in the paper. I believe if every farmer would take it and read and practice what it teaches, they would profit by it a great deal.—Glen W. Trussell, Wrentham, Ore.

We must now stop to make room for the names and addresses of those whose letters are crowded out.

Gustus Figg, Grand Ledge, Mich	24
Zelline Beucher, Mowrytown, O	20
Viola H. Heflin, East Fairchild, Vt	17
Edgar O. Bealer, Lucasville, O	17
Mary A. Lilienthal, Mora, Minn	17
Beatrice Alvey, Morganfield, Ky	12
Alfred E. Brown, Pleasant Valley, Cal.	20
Lulu E. Simms, Bladen, O	16
Minnie Carroll, Douglas, Okla	12
Nellie Bell, Sample, Ky	
Jake Nagel, Sandoval, Ill	23
Katie R. Pinn, Hebron, Neb	14
Cora Anderson, Howell, Mich	
Thomas M. Sutter, Cordova, Pa	15
Ella M. White, Leavitts Hill, N. H	14
Dallia Varnum, Rolla, Kas	14
Trilby B. Dye, Centerville, Ind	16
Sadie Gravel, Mountain View, N. Y	19
Frankie Burke, Alto, Tex	16
Marian F. Watkins, Germantown, Md	16
Ralph Smith, Lewis, Ind	12
Pauline Howard, Franktown, Nev	11
Elsie Striggon, Toledo, Ohio	11
Bertha Bergstresser, Bethlehem, Pa	
Margaret Feist, Bethlehem, Pa	18
John Jones, Coleman, Mich	19
Roy Engle, Livingstonville, N. Y	18
Thelma Pedroll, Franktown, Nev	9
Elizabeth Deets, Cochranton, Pa	20
Edith Wilson, Marissa, Ill	17
Lena Laferty, Braymer, Mo	14
Opal Williams, Snoqualmie, Wash	11
Frank B. Howard, Shirley, Okla	13
Asa J. Bishop, Barnwell, Ala	17
Dorothy Gatchell, Newman, Kas	10
Kathryn Krageland, Gardner, Ill	9
Kathrine Dougherty, Meshoppen, Pa	11
Kathrine E. Shepherd, Sandidges, Va.	18
Lottie Swisher (No. P. O.)	11
Homer Cook, Speed, Miss	14
Lela Campbell, Core, W. Va	9



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Somewhere
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Navajoe
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Ida Ho
Casey Jones
Mandy Lee
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Any Rags
Teasing
Blue Bell
Tittle Tattle Tale
Sweetheart Days
Somewhere
When I Marry You
I Wish I Had a Girl
In the Sweet Bye-and-Bye
Shine on Harvest Moon
Can't You See I'm Lonely
If I Only Had the Nerve
Would You Care
You're a Grand Old Flag
Always in the Way
Pride of the Prairie Mary
In Dear Old Fairy Land
Down On the Farm
Why Don't You Try
Honey Suckle Time
He's a Cousin of Mine
Yankee Doodle Boy
Not Because Your Hair is Curly
Give My Regards to Broadway
My Wife's Gone to the Country
Waltz Me Around Again Willie
Roses Bring Dreams of You
Take Me Out to the Ball Game
O'Brien Has No Place to Go
Good Bye My Lady Love
By the Light of the Silvery Moon
Put On Your Old Grey Bonnet
Next to Your Mother Who Do You
That's How I Love You (Love
I've Got Rings on My Fingers
How Do You Do Miss Josephine
I Wonder Who's Kissing Her Now
I'm Tying the Leaves So They Won't Come Down
I'd Rather Two-Step Than Waltz, Bill
I Don't Know Where I Am Going But I'm On My Way
Come Along, Little Girl, Come Along
Call Me Up Some Rainy Afternoon
Any Little Girl That's a Nice Little Girl is the Right Little Girl for Me
Will You Love Me in December as You Do in May
[Way Home
Longest Way Round is the Sweetest
Just a Gleam of Heaven in Her Eyes
Wait Till the Sun Shines Nellie
Has Anybody Here Seen Kelly
Won't You Come Over to My House
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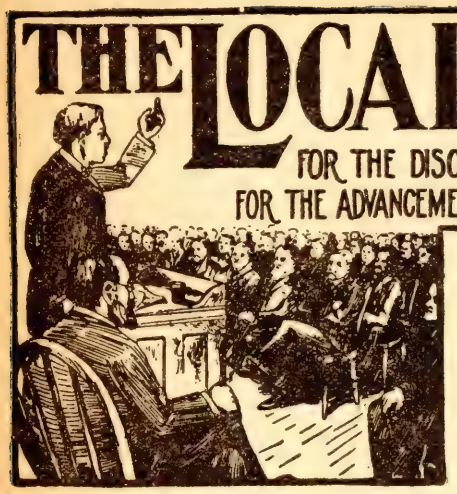
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Up-to-Date Farming, Dept. B, Indianapolis, Ind.



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden."* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

1911 Campaign to Organize Farmers

(Continued from Page One.)

the kind. Then next day, if wished, change jobs. Both will be better off, by having better work done and by saving the labor of one man, and the spirit of neighborly helpfulness and interest will be worth much to each.

Then suppose A has three or four acres of stumpy land; B, four or five acres; C, just over the hill, a half dozen acres, and all of them feel the need of getting rid of these stumps so that they can do better work at less cost. No one of the three may feel able to buy a stump puller for his little patch of land; but if they all go in together they can get the machine easily, join teams and forces, and almost make a picnic out of what would be a hard job for any one of them alone.

Joint Ownership of Machines

Then, these three neighbors, and possibly another one or two near-by, keep only a few head of live stock each, and each man is in the habit of hauling his manure out in a wagon—perhaps a one-horse wagon—and scattering it by hand. Does any one doubt that it would pay then to form a company and buy a manure spreader, and all of them get their manure out in better shape, and with less labor?

Then, that little strip of swamp land that runs down from Brown's farm into Smith's; Brown can't drain his part without having an outlet on Smith's land; Smith finds his field frequently flooded by the water coming down from Brown's farm. Wouldn't it be the sensible thing for them to go in together and drain the whole patch, and be done with it?

These are obvious ways of co-operating with one's neighbors; but there are others which most farmers seem never to think of, but which are well worth while.

Improve the Crops

For example, a man in a neighborhood has a good variety of corn, one which he has bred up with care and which gives uniformly good crops. It will pay this man to give his neighbors seed of this corn, so that he can more easily keep his own strain pure; and it will pay his neighbors to plant this corn, and to help keep the strain pure and true to type. Then, if the originator of the corn advertises his seed and creates a demand for it, every one of them will profit by it, and the neighborhood will make a reputation for the production of good seed corn, and each farmer will be able to get more for his crop than he otherwise would.

Improve the Stock

The same thing is true of poultry and live stock. If half a hundred farmers in one community kept Barred Plymouth Rocks, for example, and the poultry buyers could count on getting a good bunch of fryers or roasters, all alike, in that community, or of finding the eggs from that neighborhood of uniform size and color, they would be right there to take the output, and would be willing to pay a little more than the regular market price for them. This, without considering the possibilities in the sale of breeding stock, and the healthy rivalry in the improvement of the different flocks that would surely come.

There are neighborhoods that have established reputations as the producers of a certain type of horses or cattle or hogs—some neighborhoods for market and some for breeding stock—and in every case this reputation has a cash value to every man living in that neighborhood.

Buying Co-Operatively

Learing to co-operate with one's neighbors in these plain matters of business at first, the spirit of mutual helpfulness will soon extend to other things; and one will find himself joining in with his neighbors to buy staple goods in larger quantities and so at better prices, to market his crops more advantageously, to make better roads and better schools, to establish local reading rooms, to hold local farmers' institutes, and so on and on, in a hundred different fields of activity.

And so, having learned how much one's neighbors are really worth when rightly used, the people of such a community may be counted on when they are co-operating with farmers as a class, when they are working for a state or national reform, when members of any organization trying to bring all farmers into harmonious relationship, to be steady, willing workers who can be counted on at all times to do their part.

The next list of objects for neighborhood co-operation we "lift" from the Columns of Farm and Fireside, and is an account reported by Mr. R. E. Rogers, an Ohio farmer. Mr. Rogers said:

Co-operation fails (if it does fail) because of the individuals composing the organization, not because of any fault of the idea itself. The Washington State subscriber, who, some time ago, wrote to Farm and Fireside that he had lost out on several co-operative concerns, either must have been reckless in going into undertakings planned on unsound business principles, or else he hit upon a band who decided to take advantage of his inexperience. Our neighborhood and county and township are, it is true, rather slow to take up progressive and up-to-date ideas, yet, along lines of mutual saving of time, annoyance and money, we are not entirely back numbers. For instance, our county Mutual Fire Insurance Company was, and is, a success.

Co-Operative Breeding

Some years ago the stock farmers of our section invested in a high-grade draft stallion. The owners were farmers and paid nearly an equal share all around. Since then the stallion has been sold, yet not until the entire neighborhood besides the owners had had the advantage of a better grade of young colts than could have been possible by the five-dollars-per-colt system. The company charged twenty dollars service fee and had the exclusive business of the whole section.

The stallion did not sell for as much as he cost, being about eight years old when sold. Yet these farmers are optomistic, for they believe that the advance in the grade of stock, as a result of this stallion, will more than pay them, for they believe that colts selling at from one hundred and fifty to two hundred and fifty dollars at three years are a deal better than colts valued at one hundred to two hundred dollars at three years, such as were produced under the old order of breeding.

Road-Work and Coal-Buying

In our township it frequently is necessary to clean or deepen an open roadside ditch about one and one-half miles in length. Through co-operation we had a surveyor, working under the supervisor apportion each man's share as near as possible; then each owner who is benefited goes ahead and does his part of the job. Mighty sight better than getting the commissioners after the work. Don't you see?

During the past few years several of us have been buying our winter's supply of soft and hard coal through a local farmer and dealer, by stating to him what each one will take. He orders for the bunch, and we all get the benefit of wholesale prices, yet buy in retail quantities. Of course, it does not pay to go into such a deal without thoroughly investigating it beforehand.

Neighborly Exchange of Machinery

Co-operation does not always mean many in number working for one gain. Two or three farmers can be of mutual advantage to each other in many ways. One farmer, whom I know, owns a mowing machine, has considerable hay to harvest, but very little corn. His neighbor one-half mile away has not enough use for a mower to justify a purchase of one for himself. As a result, the first man uses his neighbor's planter when possible, while the second man has the use of a mower whenever it isn't in use. This saves buying a machine for each man, besides the almost as important point of keeping the extra machine sheltered.

Yes, it pays to help each other.

From the National Farmer we have the following account of world-wide co-operation among farmers:

Throughout the world there is a growing movement towards co-operation among farmers. In spite of the fact that multitudes of co-operative efforts have failed, there are today in the world more co-operative societies than ever before, and they are more successful than ever before. It used to be said that co-operative efforts among farmers were doomed to failure; but the thousands of successful societies of this kind prove that nothing in the world of commerce is more like to succeed than the co-operative society. It is a common saying that 95 per cent. of all men that go into general business fail. That saying may not be exactly true, but it is well known that failures in business are very numerous. It is not probable that that proportion of co-operative societies fail.

Co-operation is a thing that has to be studied. Everything has its drawbacks, and so has co-operation. Every new condition has a new set of problems connected with it. These problems were at first the obstacles in the way of co-operation. But today co-operation has an extensive literature ,and any group of men looking forward to a co-operative enterprise can easily secure a mass of literature from the different governments of the world that will make possible a liberal education on co-operation.

(*The Farmers Society of Equity has literature covering every phase of agricultural co-operation. A reading of this literature will give a liberal education, particularly on marketing farm crops. Such an education to supplement the knowledge every farmer has on producing crops, at once puts him in a position to make much more out of farming.*)

In foreign countries co-operation has developed much more rapidly than it has in the United States. This was due probably to the fact that the struggle for existence had become more intense than in this country. It was the struggle for existence that forced the great co-operative movements among European farmers. There is no country that probably needs co-operation more than Ireland. There are now in that country more than eight hundred co-operative societies. Of these more than three hundred and fifty are co-operative creameries. There are two hundred and seventy credit societies for the purpose of furnishing money. There are over one hundred and seventy societies of general farmers buying and selling co-operatively. There are twenty-five societies devoted to the selling of poultry products.

Denmark has become famous by reason of her co-operative societies. They have rejuvenated the agriculture of Denmark. They comprise creamery associations, poultry-selling associations, bacon-producing associations, co-operative slaughter house associations, and many other kinds. Denmark has become famous especially for her butter, her bacon, and her eggs. More and more, co-operation is rendering the Danish farmers independent.

In Germany there are so many agricultural co-operative societies of various kinds that they have drifted into two great leagues of societies. One of these is the Imperial Union of Agricultural Societies; the other is the General Union of Agricultural Societies. The numerous societies that make up these two leagues are ramifying into every part of the German empire. More and more they are making it impossible for a few men to pile up great fortunes out of the labor or the misfortunes of the farmers.

In France, Austria, and Italy, the co-operative movement has taken deep root



The Good Road For Universal Service!

Every man's home faces on a road which connects with every other road and leads to every other home throughout the whole land.

Main highways connect with cross-roads so that a man can go where he chooses easily and comfortably if conditions are favorable. But the going is not always the same; some roads are good—some are bad.

The experts in the South illustrate the difference by showing four mules drawing two bales of cotton slowly over a poor, muddy cross-road, and two mules drawing eight bales of cotton rapidly over a first-class macadam highway.

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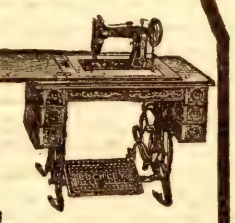
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Texas! Texas! Texas!

If you want to know all about Texas and Texas Lands write for free sample copy of the

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FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley, the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. No lands for sale; organized to give reliable information, Sacramento Valley Development Assn., SACRAMENTO, **California**

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ROSE and Single Comb Rhode Island Reds. The best there are. Farm range bred. Prices right. W. F. JUSTI, 480 Maple St., Mulberry Grove, Ill.

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All these you saw the ad in Up-to-Date Farming

The following from the Weekly Market Growers Journal comes very near our plan of a local union and Equity Hall, which may also be a market place, in every town:

A Pennsylvania Grange has succeeded in establishing an open market in a town where the products of its members are mainly consumed. This was done in the face of much opposition from local merchants, who thought their business would suffer because of it. Every town of any size, says National Stockman and Farmer, should make provision for an open market where consumers can buy direct from producers on specified market days. Some of our oldest towns and cities have these markets, but too many are without them, and others have even gone so far as to tax farmers for selling their own produce from their own wagons. Such ordinances as this have always been annulled by appeal to the courts, but peddling produce is costly and unsatisfactory to both sides. The open market helps both consumers and producers. It is the cheapest way of buying and selling. There is no good reason why it can not be established in every city if those who are to benefit by it get together and work for it.

From another Southern paper we get this preachment on co-operation:

Co-Operative Ownership of Machines

The development of modern machinery renders it necessary for farmers to learn to co-operate. For example, a lone farmer in building a silo necessarily goes to a heavy expense not only in the construction of the silo, but in the purchase of silage machinery, especially the power and cutter. Now, a cutter will do for two farmers just as well as for one, or for three, if they will plant their corn so as to continue the cutting period over two or three weeks.

Farmers would do well to co-operate in buying a small threshing outfit rather than depend on the large outfit, while their grain may be spoiling in the shock. There must be co-operation in this line among the farmers in the neighborhood. They should either all thresh out of the shock or all stack for the reason that the large machine coming in wants to clean up the whole neighborhood at once, which can not be done if it is partly shocked and partly going through the sweat in the stack.

Co-Operative Marketing of Grain

The greatest success the farmers have made in co-operation is in the marketing of their grain . This is especially true in the sections largely given over to grain growing. They have established co-operative elevators in great numbers of northern Iowa and central and southern Illinois. We see it reported that at a recent meeting of the Illinois Farm Elevator Association there were 800 delegates representing 130 out of the 250 farmers' elevators in the state.

Farmers have not been so successful in co-operating in buying as in co-operating in selling, although a number of these co-operative elevators buy co-operatively such things as salt, coal, lumber, and in some sections fertilizers. In one sense this is a fine beginning, a very large beginning, and yet after all it is only a beginning.

Let's Organize

If you believe in the slogan of the Farmers Society of Equity and this paper—"A Local Union at Every Town and City"—send the below "Application Blank" for a commission and instructions to organize your community or a large territory. We want a live man in each community and district organizers for every few counties. Good pay. Agreeable work. The very best people will help you. Send the blank today.

APPLICATION BLANK

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

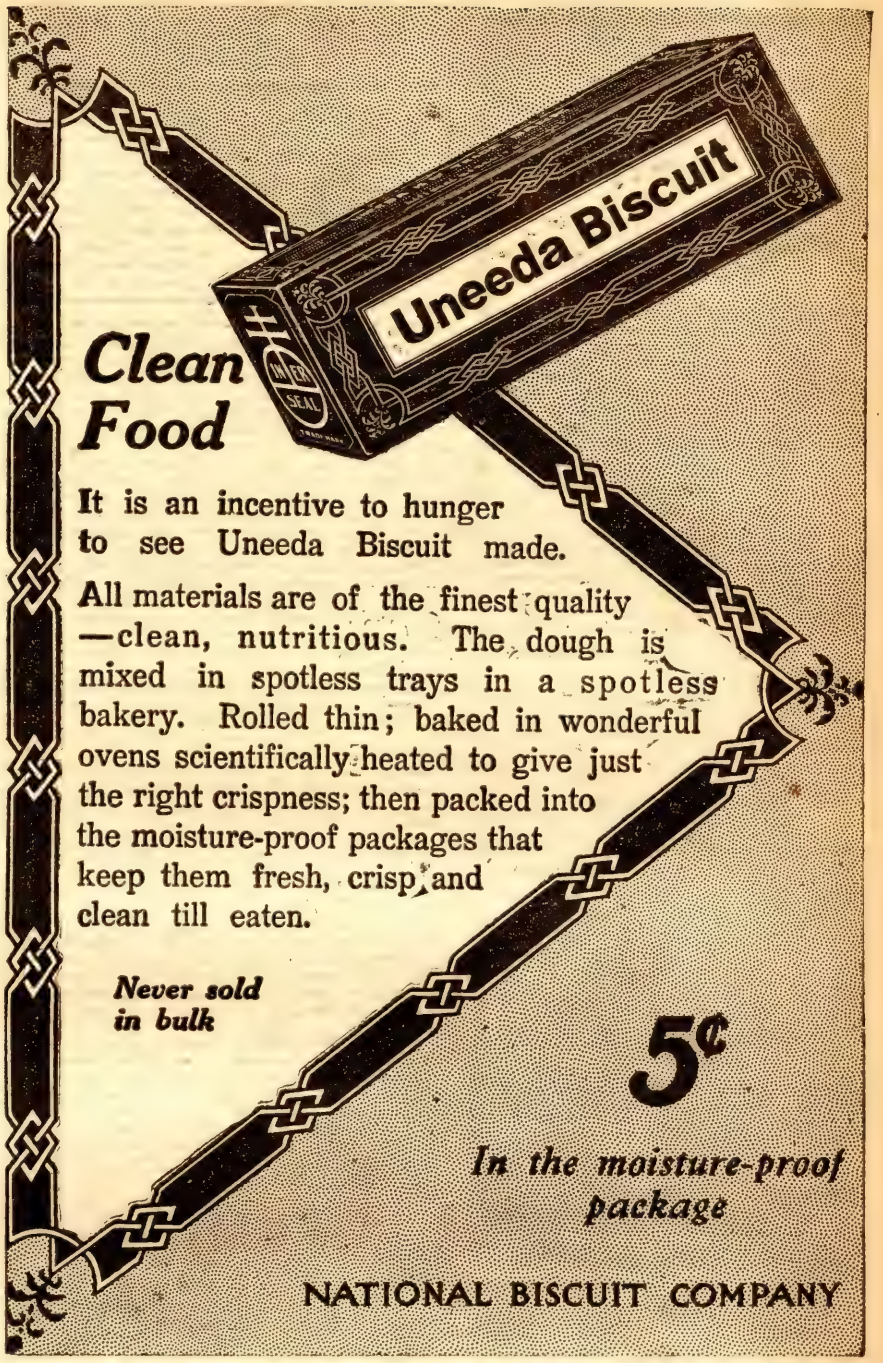
I, ... of .....P. O., R. R.....

County ..... State ..... hereby make application for a commission to organize a local union, or local unions at the following town, towns, of cities .....

My age is ..... My business is .....Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?..... How much time can you give to the work? I give as reference:.....

.....

Please make the attempt to organize your own community, at least.



Clean Food

It is an incentive to hunger to see Uneeda Biscuit made.

All materials are of the finest quality —clean, nutritious. The dough is mixed in spotless trays in a spotless bakery. Rolled thin; baked in wonderful ovens scientifically heated to give just the right crispness; then packed into the moisture-proof packages that keep them fresh, crisp and clean till eaten.

Never sold in bulk

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In the moisture-proof package

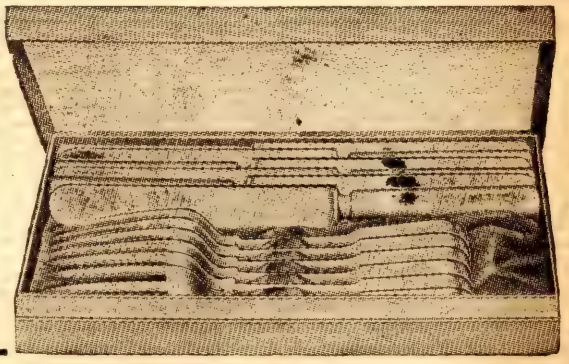
NATIONAL BISCUIT COMPANY

FREE TO ANY LADY

who will do us a small favor. It is so little we ask you to do that the set is as good as yours if you write a postal card today asking how to get it.

Set consists of six knives and six forks all neatly packed in a cloth lined box. They are good looking and serviceable. Send your name in today.

Up-to-Date Farming
INDIANAPOLIS, IND.



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Don't Wear a Common Truss or Appliance

Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.



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NEW RUPTURE CURE



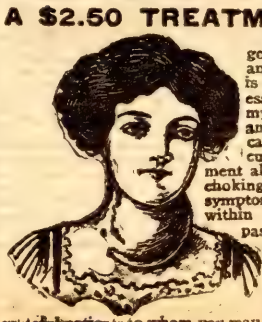
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Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. **Binds and draws the broken parts together as you would a broken limb.** No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

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GOITRE
A $2.50 TREATMENT FREE.



Don't allow an ugly goitre to disfigure you and sap your vitality. It is dangerous and unnecessary. Send today for my liberal test treatment and be convinced. Many cases report having been cured by this trial treatment alone. Relief from the choking and other alarming symptoms is often noticed within 48 hours. Don't allow past disappointments to discourage you. My success is the result of long study of this disease. I will send you letters from many grateful patients to whom you may write.

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Address, Dr. W. T. Sabo, *Goitre Specialist*, 257 Minty Blk., Battle Creek, Mich.



THE HARLEY-DAVIDSON WAY

THINK of mounting a motorcycle on the spur of the moment, and covering a distance that under ordinary conditions with a horse and wagon would approximately take 50 minutes, and doing it IN 15 MINUTES, less than the time it would take to harness up the horse, and all at a cost of 1-10 to 1-5 cent per mile. That's the always reliable gait of the

HARLEY-DAVIDSON MOTORCYCLE
"The King of the Country Road"

Then consider the amount of your time and money saved, in transportation, running and repair expense, and you must admit that it truly is the cheapest investment of all your farm equipment, thus putting the motorcycle far ahead of all means of transportation on the farm to-day

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"The Silent Gray Fellow"

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Be sure to investigate our proposition—it costs you nothing. This means a fortune to some men.

No applicant accepted under 21 years of age or older than 60 years. Write today—now—to Application Dept. E

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Brakemen, Firemen, Electric Motormen Conductors, Train Porters

Hundreds put to work. $65 to $150 per month. 500 more wanted. Experience unnecessary. Application blank and map of new lines free. Give age and position wanted. Inclose stamps.

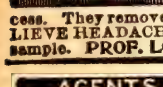
I. Railway C. I., No. 48, Indianapolis Ind

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Sell Magnetic Combs and get rich; agents wild with success. They remove dandruff; stop falling hair; RELIEVE HEADACHE, never break. Send 2c stamp for sample. PROF. LONG, 809 Ash St., PEKIN, ILL.

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Mend all leaks instantly in graniteware, hot water bags, tin, copper, cooking utensils, etc. No heat, solder, cement or rivet. Any one can use them. Fit any surface. Smooth. Sample box, 10c. Complete box, assd. sizes, 25c, postpaid. Wonderful opportunity for live agents. Write today. Collette Mfg. Co., Box 183 Amsterdam, N.Y.

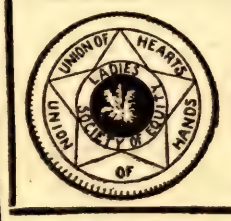
Wanted—A man or woman to act as our information reporter. All or spare time. No experience necessary. $50 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION, 619 Association Building, Indianapolis, Indiana

Bees on the Farm "Gleanings in Bee Culture" will help you get more pleasure and more profit from Bee keeping. 6 months trial subscription 25c Book on Bees and Catalog of Supplies sent free

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We Pay $36 A WEEK and expenses to men with rigs to introduce poultry compound Year's contract. Imperial Mfg. Co. Dep. 57, Parsons, Kan

LADIES SOCIETY OF EQUITY



President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

The Golden Rod Local, L. S. of E., met at the home of Mrs. Alice Shepherd, on June 14, with a good attendance. A feature of the meeting, was the presence of a large number of bright boys and girls and young ladies from the surrounding farms. They had come to organize a local of the Cadets of Equity.

After interesting talks and explanations of the Cadets of Equity movement by Mrs. Culbertson and Mrs. Howey, the young people resolved to organize a local, which was done under the direction of Mrs. Culbertson.

The Cadets of Equity union will be an auxiliary of the Golden Rod union. The ladies' locals are given names of flowers and the Cadets locals are given the names of birds. This one was named Whip-poor-will. The officers are: Miss Cleo Thorn, president; Ray Thompson, vice-president; Miss Rosetta Shepherd, secretary, and Miss Mary Vance, treasurer.

Next Meetinig June 28

Following the organization of the Cadets' local, the members of Golden Rod local presented the Cadets with badges of gold and blue and served refreshments of ice cream and cake.

The Golden Rod local will entertain the Whip-poor-will Cadets local at a picnic on July 4, at Walker's Landing. All members of F. S. of E., L. S. of E., and C. of E., with their families, are invited. Bring baskets of lunch and enjoy the day. There will be boating on the lake, singing and recitations by the Cadets. Also there will be addresses by Mrs. Culbertson and others. Mrs. Culbertson's address will be on "Michigan."

Report received from Violet local at Cedar Springs says that eggs have gone down to ten cents a dozen and they wish they were better organized to compel a better price. Cheer up, sisters! You will be better organized soon. Let's all work for "a local union and an equity hall at every market town and city." They will solve the problem.

The Farmer's Wife

The following was spoken by Mrs. John Mills, at a meeting of the Pansy local union at Mendon, Mich.

Many times a farmer's wife becomes discouraged with the monotony of the duties of farm life. She has the weekly washing, ironing and mending, bread making, cake and pie baking, and butter making every week for fifty-two weeks in every year.

Many a woman daily feels that her position in life is far inferior to that of her sister whose husband belongs to the business or commercial world, or whose sphere of usefulness has broadened into solving the perplexing questions of the day. For years improvements have been going on in machinery that have lessened the farmer's labor. But only in recent years have inventors turned their attention to the things for the home. With the new, helpful machines the burdens of the farmer's wife are being lifted. If each farm woman, when so discouraged with the drudgery of the farm, would reflect upon the position she is holding as a farmer's wife, and what she may make it through organization, she would find fresh inspiration for daily duties. And if she would only take a week's outing every year she would feel much refreshed both physically and mentally.

Woman's truest and highest sphere is in the home. The woman on the farm has better opportunities for influencing the members of her family than has any other woman as there are fewer outside influences and temptations to attract them.

The unwritten history of the wife and mother of a country home is a record of devotion to husband and children. In our country homes today, we mothers are making the character of the people who will make our future nation, and our influences will live forever.

Then let us, as farmers wives, seek to the best of our abilities to fill the places assigned us. It has been said that the most divinely patient creature on earth is a farmer's wife. This is a beautiful thought, but we must be excused, if we show some impatience over our old condition and seek to improve it through organization and co-operation.

SUPPLIES WANTED

Barry and Green, Equity System representatives at Denver, Colo., call for new Triumph potatoes, cabbage and tomatoes, for the Denver market, and for other markets in the state. Carload shipments wanted. Potatoes from California particularly solicited. The prices in Colorado markets are exceptionally good and our readers should correspond with these people at once.

Other markets are also calling for supplies. Use the blank form on the "Telescope" page to report what you have to sell, or what you will have in the next thirty days.



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *As an organizer for the Farmers Society of Equity I am called upon to answer the following questions: (1) Who will be the selling agent for the local union? (2) How will he be paid? (3) How will I meet the argument of those farmers who formerly belonged to the Grange and Alliance? (4) Does membership in the F. S. E. deprive members of the privilege of selling to local dealers when necessity demands? (5) Should I encourage stock raisers to join? We have the cattle and sheep industry here very extensively. (6) Which plan do you think will be the more successful, the personal canvass or meetings without canvass?—J. L. Lemmon, Custer Co., Mont.*

ANSWER: (1) The secretary. (2) If considerable marketing is done the saving in commissions at final markets will pay all expense. For instance, when produce is shipped to a large market it must be commissioned according to the agreed rules or ordinance. But the Equity System representatives will give part of that to those who send produce. The share will be from 1-6 to 1-3. (3) Study our literature and the official paper. (4) No. But the local dealer should be taught to seek the supply through the secretary. See "The Local Demand," page eleven, of Practical Community and National Co-Operation, price 5 cents. (5) Yes. (6) The personal canvass in advance of the meeting to organize has proven the more satisfactory with new organizers.

Q. *In our section there are many negro truckers and many of them are good, reliable citizens and land owners. They want to organize in unions of colored men and work in harmony with the white members. (1) Do you admit negroes? (2) What are the plans?—S. J. Crow, Sumpter Co., Fla.*

A. (1) Yes. The Farmers Society of Equity believes that no farmers' society can solve the marketing problems of the south, if it ignores the negro producers. (2) They organize in local unions of their own. Where race prejudice will not permit them to send colored representatives to county and state conventions, they select a white member to represent the union or unions. Colored delegates are admitted to the national conventions.

Q. (1) *Is it proper to exclude non-members from our meetings?* (2) *How is the expense of the local to be met?* (3) *How are the representatives of the society paid on the various markets?* (4) *Should the secretary of the local be paid for his time; if so, where will the money come from?*

A. (1) Yes. (2) (3) See answer to Mr. Lemmon's question above (4) Yes. Same as preceding. The local union can also make any other provision to raise money that it wants to. Always keep in mind that we are working for a complete organization, when definite prices will be gotten at the producing point and enough added to the agreed price to meet all necessary expenses.

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

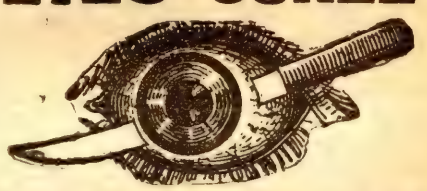
It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.



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Tells "How to Woo an Heiress" "How to Court a Bashful Girl" "How a Lady Should Manage Her Beau to Make Him Propose Marriage" "How to Catch a Rich Bachelor" "Love Letters" "How to Win the Favor of Ladies" "Wedding Etiquette, etc. All subjects treated in a way most helpful to lovers. Also sample lovers' post card, and 50 latest popular songs and fine story paper, all for 10c. Address M. O. SEITZ, 62 J 15? W. Adams St., CHICAGO

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST., CHICAGO, ILL.

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WITHOUT THE KNIFE

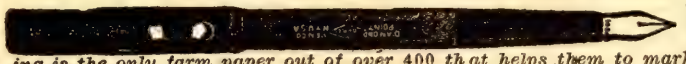
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J. A. EVERITT, Editor, Indianapolis, Ind.

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This is a special advertising offer to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity to get a really first-class guaranteed instrument for a mere trifle of cost. It measures, closed, 12 inches and opens out 3½ feet long, in five sections, circumference 6 inches. It is brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Objects miles away are brought to view with astonishing clearness.

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I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 800 yards.—Tervis S. Sepeda, Morgan Hill, Cal.

"Wonder" Telescope is all you claim for it and then some. I trained it on the Buttes near Chadrow, 28 miles away, and they looked about 2 or 3 miles instead. I can count stock in farmer's yard 4 miles away.—Chas. A. Storey, Ft. Robinson, Neb.

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READ OUR BOOKLETS. "Why They Move To North Dakota," and "Dirt that Grows Dollars." They'll interest farmers; they're free. Write Northern Immigration Association, Fargo, N. D.

WE HAVE A SAFE, unique plan for a large or small investment in western farm lands. We have nothing to sell but want you to buy with us. A postal brings you full particulars. Pickler Realty Co., Faulkton, S. D.

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FARMS WANTED—We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help locate desirable property Free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL YOUR PROPERTY write Northwestern Business Agency, Minneapolis.

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FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

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MEN WANTED for government positions; average salary $1,100. Send postal for list of positions open. Franklin Institute, Dept. L-27, Rochester, N. Y.

CIVIL SERVICE EXAMINATIONS open the way to good government positions. I can coach you by mail at small cost. Full particulars free to any American citizen of eighteen or over. Write today for Booklet E839. Earl Hopkins, Washington, D. C.

WANTED—Farmers' sons for railway postal clerks, salary $1,000 to $1,600. Work half time; full pay. Common education sufficient. Write for particulars. American Institute, Dept. 75, Dayton, Ohio.

MEN WANTED for government positions; influence unnecessary; average salary $1,100. Annual vacations; short hours. Send postal immediately for list of positions open. Common education sufficient. Franklin Institute, Dept. L-27, Rochester, N. Y.

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43 VARIETIES. Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, Hogs. Catalog 2 cents. Missouri Squab Co., St. Louis.

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If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail; appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once.

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NATIONAL CO-OPERATIVE REALTY CO.

E. R. MARDEN, President

M 139 Marden Building, Washington, D. C.



The Top Bushels are Profit

Strive for the top bushels. It costs so much for seed, cultivating and harvesting, whether you raise 15 bushels per acre or 40. Good, vigorous seed will increase your yield. Costs very little, if any, more than your own seed. Every added bushel means extra profit for you. Begin to make more this year with the help of our improved seed wheat.

RED WAVE

New Smooth Headed Whea
---King of the Wheat Field

The average yield of wheat in the United States for a number of years has been only 12 to 14 bushels per acre. To make this low average, probably half the growers had a yield below the average, while the other half had a yield above the average. It is an established fact that 60 bushels of wheat have been raised on an acre of ground. What yield do you get? Are you striving to get the maximum yields? Are you getting such yields as our customers of former years report below? This is a matter that concerns every farmer and his pocketbook.

It is the poorest kind of economy to sow runout varieties of wheat. Every variety runs out—dies—in time, just like people do. The wise farmer will watch when that time comes and will not continue growing a variety after it is in its decline. There is no better way to determine this than to sow the new, vigorous Red Wave, with new blood, alongside of your old kinds. In this way, an occasional small investment will keep any farmer up-to-date with the best grain and it will mean hundreds and thousands of dollars extra profit each year with no more work. We claim our seed wheat is not an expense but an investment.

When you sow our well-graded and cleaned seed wheat do not count its cost as all cost. You save the value of your own wheat, which you would have used. Our kind requires only 1 1-4 bushels per acre—yours 1½ to 2 bushels per acre. Besides, to extra clean yours costs time and wheat cleaned out. In fact, it costs very little more, if any, to sow our new, hardy sorts, and the extra yield will return many more bushels per acre.

When offering Red Wave wheat for the first time two years ago we predicted that it would be one of the most popular rough and ready sorts in cultivation. We meant that it possessed so much natural vigor that it would withstand hard seasons, bad usage and on even indifferent ground make surprising yields. Our prediction has been verified and wherever it was grown it is taking wheat growers by storm. We honestly believe that there is not one of our customers but what will sell all he grew of Red Wave for seed at a high price. Every wheat grower that has seen it growing and threshed wants seed. And it will be the same way for a couple of years more. Very little of this wheat will find its way to the general market for some time.

On hundreds of farms it yielded 10 to 20 bushels more per acre than other varieties. When the increased yield is considered it really is one of the best investments a farmer can make to get seed of the Red Wave. But then there is the satisfaction of growing such a reliable wheat, the profit in selling it for seed and the benefit to the community.

Red Wave is a cross between Early Red Clawson and an unnamed cross breed of Russian wheat. It has a very long, smooth head; grains medium long, large, firm, amber color as harvest approaches, strong and stands medium to tall, has thick walls, clean, golden color, very strong in gluten; the straw grows up splendidly.

In our 30 years experience in growing and introducing new improved wheats we have not had one we could recommend more unreservedly to winter wheat growers than Red Wave.

Read These Reports From the Field

We glean these reports from letters from customers. We do not give full name and address as that would advertise our customers seed to the detriment of our own business. Every reprint is from a bona-fide letter on file in our office.

J. B. Clark & Son, near Indianapolis.—Red Wave has done remarkably well for us. In comparison with other varieties of wheat in this section, it started out more vigorously last fall, grew uniform all along the season, withstood the hard winter much better than others and in the spring stooled better than any other variety. Today, as we are harvesting, it has longer, better filled heads than any other we have seen. We have grown wheat for many years but we have never had a variety which has attracted as much attention and elicited as much favorable comment as the Red Wave. Farmers from all sides are coming to see the wheat and that makes us happy.

Mr. L. S., Hartford Co., Conn.—Red Wave is by far the finest I ever saw. I have selected heads that measure 5½ to 6 inches long, firm, compact and full of plump grains. The parts of the field where the land is good I estimate will yield 50 bushels or more per acre.

W. M., Macomb Co., Mich.—Red Wave has every other kind beaten. We began cutting today (July 14) and am well pleased.

F. W. D., Washtenau Co., Mich.—From one bushel of Red Wave sowed I threshed 20 bushels that weighed 62 pounds to the bushel.

J. H. C., Morgan Co., Ill.—I sowed 30 bushels of Red Wave on 19 acres and threshed 1,099 bushels, one-half of the field averaged 50½ bushels and the other half I fertilized, averaged 55 bushels per acre. The wheat is the finest I ever raised and tests 62 pounds. Just before cutting many people in the neighborhood called to see it and they all pronounced it the finest field they ever saw.

E. W., Oakland Co., Mich.—I raised one acre of Red Wave wheat and it yielded 35½ bushels. Very satisfactory.

W. S., Wabash Co., Ill.—I sowed ½ bushel on ½ acre and threshed 15 bushels of as fine wheat as I ever saw.

W. S. H., Calhoun Co., Mich.—I sowed 2½ bushels Red Wave on 1 2-3 acres and threshed 60 bushels. (36 bushels per acre.) I am entirely satisfied with it.

G. A., Washtenau Co., Mich.—I sowed 5 acres of Red Wave and threshed 184 bushels and have a load of rakings unthreshed. It yielded more than my other variety.

S. T. D., Knox Co., Ind.—Red Wave has grown very tall; some of it six feet high. It got badly torn by hail June 4. I like it very well. It has been estimated to make 40 bushels per acre. Heads from 4 to 8 inches long; from 10 to 13 meshes on a side.

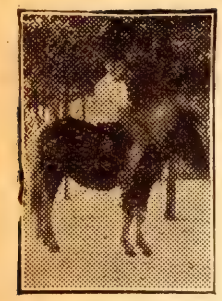
HOW TO ORDER Send remittance with order, or we will ship to responsible parties payable on arrival and subject to examination if one-fourth is sent to guarantee good faith.

The O. K. Seed Store has been headquarters for the best varieties of Winter Wheat for over 30 years. We sell more Winter Seed Wheat than any other seed house. Every reader of this paper can, with care and good seed, raise crops like those reported above. We refer to any bank or business house in Indianapolis. Central location. Low freight rates. Prom shipments. Circulars free.

PRICE OF RED WAVE WHEAT

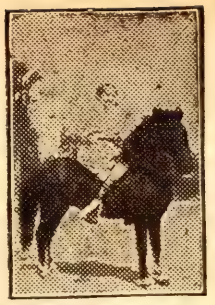
By mail postpaid, 1 lb. 30 cents; 4 lbs, $1.00. By freight or express, not prepaid, ¼ bu. $1.00; ½ bu. $1.50; 1 bu. $2.50; 1 bag (2½ bu.) $3.50; 2 bags (5 bu.), $10.00. More than 5 bushels at $2.00 per bushel. We do not charge extra for bags.

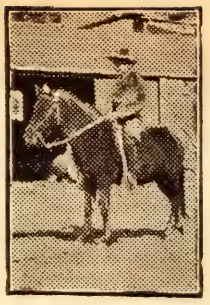
O. K. SEED STORE DEPT. A **INDIANAPOLIS, IND.**


"Queenie" Stan. J. Malicek, North Redwood, Minn.


"Evangeline," Gladys Houx, Marshall, Mo.


"Ned," George & Ruby Kobelin, Huntley, Mont.


"Sparkle," Eloise Savage, Watertown, S. D.


"Bonnie," Amyle Kafer, Glidden, Ia.


"Fritzie," Marie & Margie Parker, Williamsfield, Ill.


"Sonny," Elmer Hoth, Waukon, Ia.


"Tony," Maurice Himle, Montevideo, Minn.

33 PONIES AND THE BOYS AND GIRLS WHO GOT THEM FREE


"Billie," Hazel McMartin, DeSmet, S. D


"Duke," Dorothy Lee Eagle, Kansas City, Mo.

Notice we print the photographs, names and complete addresses of 28 of the 33 Ponies and the boys and girls who won them, which we wouldn't dare do if it wasn't true we give away real live Shetland Ponies and complete outfits. The other five whose photographs we haven't room for on this page where given as follows: "Teddy," George Cooper, St. Cloud, Minn., "Trixie," Frank Harris, Billings, Mont., "Mac," Ruth Mead, Slater, Mo., "Brownie," Twylah Hart, R 1, Sidney, O., "Jack," Bernice Harvey, Creston, Ia. If you write these boys and girls (be sure to enclose a two-cent stamp for reply) they will tell you how lovely their ponies are, how easily they won them and how fairly we treated them. None of these boys or girls can compete for "Major Patsy" (which we are going to give to you or some other boy or girl as explained below) because we wouldn't want any one child to win two ponies and it gives you a much better chance to get him.


"Don," Oliver E. Olson, International Falls, Minn.


"King," Vic. J. Breitbach Waupeton, Ia.

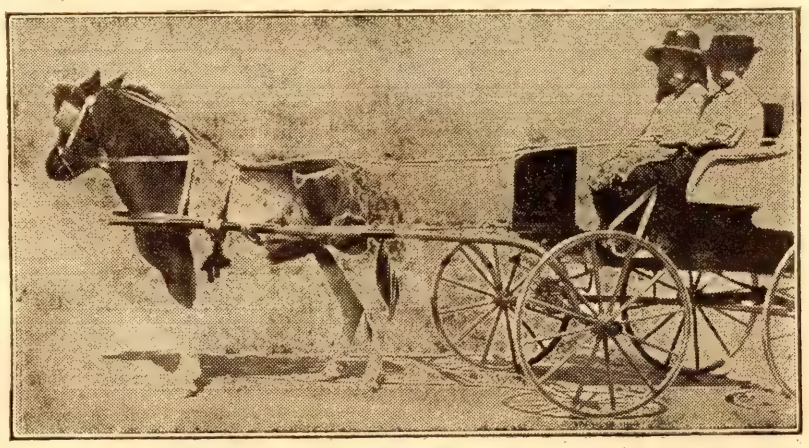
ANOTHER PONY FREE With Complete Outfit Shown Below

If you want us to give you a pony and have your picture printed here next time riding him with these 33 other pony winners, don't fail to send us your name and address today and we will tell you more about "MAJOR PATSY" and how to become a contestant for him. We can't send you a pony unless you send us your name and address. We have given away more ponies than any other publisher in the United States and we are going to give away a lot more. We want to give away enough ponies so that we can just completely cover a page this size with little pictures like these that you see around the edges of this page. If you haven't a Shetland Pony yet and want one, the sooner you send us your name and address, the better chance you will stand of having us give you "MAJOR PATSY" the very next pony we are going to give away to you or some other boy or girl.


"St. Nick," Marcella Conley, Ionia, Iowa.

"Major Patsy"

is a dandy three-year-old spotted pony, 43 inches high, and weighs about 350 pounds. He looks like the ponies you see with circuses and just exactly as pretty and cute and smart. We selected him at the famous Heyl Pony Farm, Washington, Ill., where there are hundreds of the finest kind of Shetland Ponies. He dearly loves children and is the dandiest chum you could possibly desire. He can haul a wagon-load of youngsters along at a merry clip. If you send us your name and get him everybody in town will envy you. And you would be the happiest child alive if "Major Patsy" was yours. Think of the fine times you can have taking your friends driving all around. Read this page through carefully and then send your name and address to us at once.

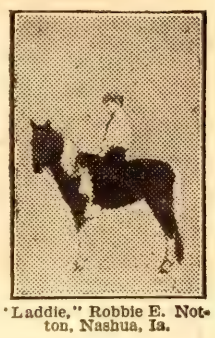

WOULDN'T YOU LIKE TO DRIVE TO SCHOOL IN THIS OUTFIT?

The Outfit

And best of all we send free with "Major Patsy" the complete Pony Outfit as you see it in the picture. The pony-wagon is just the best we could buy for our purpose. We have given away so many that we know exactly what kind most boys and girls like. The handsome black harness with nickel trimmings looks just fine on "Major Patsy." No child, no matter how rich his parents may be, owns a more desirable pony outfit than this one which we are going to send free and pay all freight and express charges. This is surely the best chance you ever had to get a Shetland Pony, so if you haven't one and would like to have us give you this one send us your name and address right now.


"Spotty," Mildred Etter, Madella, Minn.


"Fairy," Lawrence Ulrich, Rosemount, Minn.


"Laddie," Robbie E. Notton, Nashua, Ia.

DON'T LET ANYONE PERSUADE YOU THAT YOU CANNOT GET IT

Don't let anyone persuade you that you cannot get "MAJOR PATSY." If you have been unsuccessful in other contests don't let that discourage you because our plan of conducting pony contests is different from others. We are publishers of The Farmer, Farmer's Wife and Poultry Herald. The Banker or Postmaster in your town undoubtedly knows of Webb Publishing Company, one of the largest publishing houses in the United States, so we can well afford to give away so many ponies. Our contests are very short and you or some other boy or girl will get "MAJOR PATSY" and have him to drive to school and everywhere. We never heard of one of these boys or girls to whom we gave ponies until they wrote us they wanted one, which shows you how fair and square our pony contests are and that no matter where the winner lives, "MAJOR PATSY" will be sent without one cent of cost


"Derby," A Fitzsimmons, Prairie du Chien, Wis


"Beauty," Bertram Eldridge, Bradford, Ill.

Send Your Name Today

Our ponies are given away so quickly that you will stand a better chance to get this one if you sit right down and write us a letter or a postal card or send the coupon opposite filled out with your name and address (either way will be all right). Any boy or girl who can drive a pony can become a contestant for "Major Patsy."

Be Sure to Address all Letters to

Cut Out and Sign this Coupon or Copy on a Postal Card and Mail Today

The Farmer's Wife, 549 Webb Bldg., St. Paul, Minn.

Please send me Certificate of Entry, and pictures of "Major Patsy" and tell me how to take care of Shetland Ponies and feed them. I haven't any Shetland Pony and want to own "Major Patsy."

Name_____

R. F. D._____

P. O._____

State_____

THE FARMERS WIFE

Every Contestant A Prize Winner

All contestants will surely get a prize of their own choosing from a list which we will send you. If you become an enrolled contestant in this Pony Contest you can't lose. But don't let anyone persuade you that you can't win "Major Patsy" because you have the same chance as any other child.

549 Webb Building, St. Paul, Minn.


"Daisy," Leta Hainline, Orient, Ia.


"Mischief," Orville Himle, Montevideo, Minn.


"Bob," John B. Corn, Jr., Little Rock, Ark


"Dandy," Grace Burrows, Delano, Minn.


"Bess," Wilferd Dearchs, R. I, Burt, Ia.


"Jim," Joey Edwards, Hoisington, Kas.


"Prince," Norris Nupson, Preston, Minn.


"Jerry."


"Tom."


"Captain."

These three ponies were given away June 26. Winners announced July 5, 1911

Pass This Paper to Your Neighbor---Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | JULY 15, 1911 | Number 14

1911			July			1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 3d	F. M. 11th	L. Quar. 19th	N. M. 25th			1
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30	31					

Up-to-Date Farming
PUBLISHED TWICE A MONTH
EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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ADVERTISING

RATES will be quoted on application. Only reliable advertisers are admitted to our columns, and we guarantee that they will deal honestly with subscribers. Should they not, we will make good any loss to paid-in-advance subscribers. It is understood that this guarantee is not binding on the publisher unless UP-TO-DATE FARMING is mentioned when you write and you report any dissatisfaction within a month of the date of the paper.

IMPORTANT ARTICLES IN THIS NUMBER

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President Taft in Indianapolis	4
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1911 Campaign to Organize Farmers

Under the Direction of the Farmers Society of Equity

FIFTH ARTICLE

ADVANTAGES OF A LOCAL UNION (Continued)

(Titles of preceding articles were: "First, "A Call to Organizers"; Second, "A Local Union at Every Market Town and City"; Third, "An Equity Hall and an Equity Store at Every Market Town and City;" Fourth, "Advantages of a Local Union.")

Any person who has read the preceding articles must be convinced of the advantages of a local union at every center where farm crops are marketed. Also if he has read with care he should be convinced by this time that it is entirely possible to organize one at each such center. In fact, this is no longer a theory as it is being done at so many towns and many places with such ease, that we must admit it can be done anywhere and everywhere where the need exists.

There has not been a movement before the people, in our recollection, that has struck such a popular chord. The slogan, "A Local Union at Every Market Town and City," appeals to the farmers who understand its meaning as nothing else has in many years. It can easily be made a popular movement and the best people of the community can be enlisted in its accomplishment. To illustrate, we quote from a letter just received as we were writing this article, from a district organizer in far away Oregon, as follows:

> Enclosed find a fine list of members secured by our Mr. Keller, consisting of 125 names and draft to pay for them. The meeting to organize has not been called yet as Mr. Keller has canvassed only a small part of the community. He takes a rural route and enrolls almost every man. * * * In Mr. Keller the Society has a jewell. He was a successful business man and the need of just such a thing as the Farmers Society of Equity and the practicability of our plans are what captured him and secured his co-operation. * * * —Geo. W. H. and Harry Miller, Clakamas Co., Oregon.

Conditions are very much alike in all communities. If there is any difference the Eastern, Middle and Southern States need this Society more than the Northwestern States. We selected this report for our example merely because it was right at hand, and because it is above the average in number of members.

We want to, as far as possible, organize the Farmers Society of Equity by the help of readers of this paper. Therefore, we have aimed to make this number a strong appeal to them. We want the era of great accomplishments to date from the issuance of this number. We want each reader to make the organization at his market town or city **his or her personal affair.** Please keep this in mind. Read also the Local Union page in this number and send the Application Blank printed there.

We now continue our fifth article, "Advantages of a Local Union," or of local co-operation as our contemporaries are pleased to call it:

Continued on Page Fourteen)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD
It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.
400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

To Introduce Our Big New Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there. —Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

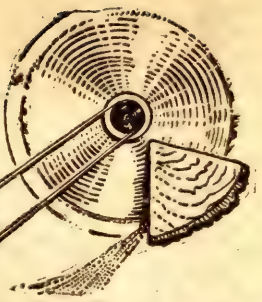
.....

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

GALLOWAY



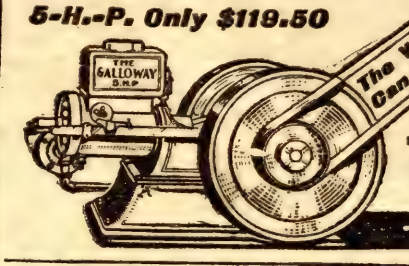
SAVE from $50 to $300 by buying your gasoline engine of 1¾ to 28-H.-P. from a real engine factory. Save dealer, jobber and catalogue house profit. No such offer as I make on the class of engine I sell has ever been made before in all Gasoline Engine history. Here is the secret and reason: I turn them out all alike by the thousands in my enormous modern factory, equipped with automatic machinery. I sell them direct to you for less money than some factories can make them at actual shop cost.

All you pay me for is actual raw material, labor and one small profit (and I buy my material in enormous quantities).

Anybody can afford and might just as well have a high grade engine when he can get in on a wholesale deal of this kind. I'm doing something that never was done before. Think of it! A price to you that is lower than dealers and jobbers can buy similar engines for, in carload lots, for spot cash.

An engine that is made so good in the factory that I will send it out anywhere in the U. S. without an expert to any inexperienced users, on 30 days' free trial, to test against any engine made of similar horse-power that sells for twice as much, and let him be the judge. **Sell your poorest horse and buy a**

5-H.-P. Only $119.50



The Way To Big Profits—You Can Make $5 To $10 Per Day

Get Galloway's Biggest and Best FREE GASOLINE ENGINE BOOK

Write today for my beautiful new 50-page Engine Book in four colors, nothing like it ever printed before, full of valuable information, showing how I make them and how you can make more money with a gasoline engine on the farm. Write me—

Wm. Galloway, Pres., Wm. Galloway Co.
505 Galloway Station, Waterloo, Iowa

ALL THE NEW SONGS AND MUSIC With EVERYDAY LIFE 3 MONTHS for 10 cts.



To introduce Everyday Life to new readers we will send it 3 months on trial, together with this grand collection of latest popular songs and music, all for 10 cents. Everyday Life is a bright interesting paper and is appreciated and welcomed in every home. We know if you get this paper for 3 months you will want it for a year

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Ida Ho
Lonesome
Pony Boy
Navajo
Tippicanoe
Any Rags
Bedelia
Hiawatha
Honey Boy
Red Wing
Dreaming
Ogalalla
I Love It
Dublin Rag
Stop, Stop, Stop
Grizzly Bear
It's You Pal
All that I Ask is Love
You're a Grand Old Flag
Why Don't You Try
Are You Coming Out Tonight
Down in Jungle Town
Don't Take Me Home
Put on Your Old Gray Bonnet
Carrie Marry Harry
Give My Regards to Broadway
A Little Boy, Called Taps
Down in the Brandywine
Yankee Doodle Boy
Bye, Bye Dearie
Under the Yum Yum Tree
Some of These Days
Every Little Movement
Anybody Here Seen Kelly
Mandy How Do You Do
Dinah From Carolina
Meet Me Tonight in Dreamland
I've got Rings on My Fingers
My Wife's Gone to the Country
That's How I Love You, Mame
In the Shade of the Old Apple Tree
When You Know You're Not Forgotten by the Girl You Can't Forget
'Neath the Old Cherry Tree, Sweet Marie
The Mesmerizing Mendelsohn Tune
Call Me Up Some Rainy Afternoon
Put Your Foot on the Soft Pedal
Any Little Girl that's a Nice Little Girl
By the Light of the Silvery Moon
Next to Your Mother Who Do You Love?
Every Girl I Get the Other Fellow Steals
Let Me Call You Sweetheart
I'd Rather Say Hello than Say Goodbye
My Mariuccia
My Irish Molly O
Beautiful Eyes
I Remember You
Cubanola Glide
The Man Behind
My Southern Rose
Garden of Roses
Sweet Italian Love

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J. A. EVERITT, Editor, Indianapolis

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My Name .....

My Address .....

.....

Attach List of Names.

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

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EDITORIAL

Secretary Wilson and the Farmers

Some Questions the Farmers Want You to Answer

SECRETARY of Agriculture Wilson would be glad to be known in history as our greatest Secretary of Agriculture, and we would be glad for the future to accord him that distinguished place. Mr. Wilson has occupied that distinct position for a longer period of time than has any one else, and in it he has displayed a great deal of energy and resourcefulness. By his exhaustive system of crop statistics he has taught the farmers some very important lessons, among the most important of which is, that an under supply of farm products is accompanied by high prices, that a supply equal to the demand, if uncontrolled by ulterior and speculative influences, and marketed to meet the demands, commands equitable prices, fair to the farmer and just to the consumer; and that an over-supply or over-production results in glutted markets, low prices, and loss to the farmers that produced the stuff. His interesting and valuable reports contain many instances when excessively large crops brought farmers less money in the aggregate than much smaller crops in previous years had brought. The lesson in this is that wise farm management and just control as to avoid both under and over-production; to produce every year enough to fully meet the demand, but to never exceed it or fall below it; that such control will justly reward the producer and give the consumer his supplies at fair and reasonable cost.

Having so clearly taught farmers this important business lesson, we may well be surprised to learn that James Wilson, Secretary of Agriculture, favors the so-called Canadian reciprocity agreement, which is, that Canadian farm products may be admitted free to the markets of the United States, the inevitable effect of which must be to take control of farm production entirely away from American farmers, and each year create the condition of overproduction that his figures show always reduces the farmers' income. But the admissions he makes in advocacy of the agreement, as reported by the press; and his reasons for advocating it, are more surprising still.

"Canada is our second best customer," says Mr. Wilson. "We have sold to her in the last five years about five hundred million dollars worth of more than we bought from her, **MOSTLY FACTORY GOODS."** Yes, mostly factory goods, almost all factory goods. Must the farmers have their markets glutted, their prices forced down, and their profits destroy because Canada buys manufactured goods? Every dollar of those goods paid the manufacturer a tariff and they continue to do so under the agreement. Why must we rob Peter to pay Paul, when Paul is paid very well already?

"But," says Mr. Wilson, "we feed the factory people from our fields." If we fed them from OUR fields, why should we throw down the bars and feed them from Canadian fields? The proposition is not to take our foodstuffs to Canada, but to bring Canadian foodstuffs here. Your arguments contradict themselves, Mr. Wilson, and show that it is the manufacturer that is benefited and not the farmer. The farmer is injured by bringing in free competition with his products an extra surplus of most of the crops our farmers produce.

Referring to the settlement of "the rich glaciated soils of the Mississippi valley," the result of which, he admitted, was that eastern farms were neglected by the opening up of these lands to settlement, and it was thus injurious to some eastern farmers who were not able to accommodate themselves to the changed conditions. That is putting it mildly but taking it at that, those great developments were all in the United States. Why now go across the line into a foreign country to work out the development of one of the world's greatest agricultural regions to the injury of ALL American farmers "who can not accommodate themselves to the changed conditions?" Why? Because Canadians are buying things from the United States, "mostly factory goods"!

The American farmer, Mr. Wilson says," has voted steadily for half a century to give protection to the extent of the difference in cost of production between this country and any country that desires to sell in our markets." It is well to note that that is the construction put upon voting the Republican ticket in this country. But if farmers have voted that ticket, and have voted it for that purpose, they have done so with the understanding that farming should be protected as well as other industries. Let any party take from farming the little protection it has been given, and still accord abundant protection to other classes, the farmers will undoubtedly hold that party responsible, no matter what party it is.

The Secretary admits that the agreement, as secretly made by the President and a few others, will make farm products cheaper (lower in price) in this country, for he says: "Are the people we invite here from foreign countries to work for us in our factories and other places, to go without vegetables unless they pay extreme prices for them, or shall they get them somewhat CHEAPER because some articles come across the border?"

"To work for us"—for whom? The manufacturers. When have American farmers been paid extreme prices? But they must be compelled by Canada to sell CHEAPER because manufacturers have invited foreigners to work in their shops. When have American farmers failed to fully supply the home demand and have surplusses for export or to spoil in the fields? In answer, we only need to take Mr. Wilson's figures. Each year those figures grow larger until the aggregate is something enormous. For the present year they already report a greater wheat crop than ever reported before. We admit these reports may be somewhat exaggerated, for the Department of Agriculture is accustomed to issue its greatest reports just about harvest time, when the farmers are selling and the speculators are buying. The Secretary has taught us that the larger the crops the lower the price; but such reports coming out at the time the farmers are selling is a mere coincidence, with no thought affecting the price, though we confess everybody does not take so charitable a view of it. We quote from the Cincinnati Enquirer, of June 22:

> There is a wide difference still existing between the figures given out by the United States Department of Agriculture and those collected from the various state bureaus. For 1910 this difference is acreage planted to corn is about 11,500,000 acres. Of this excess of acreage reported by the United States Department over that reported by the states 900,000 is given to Ohio, 600,000 to Indiana, 3,500,000 to Illinois, 400,000 to Kansas, 1,500,000 to Nebraska, 800,000 to Texas, 650,000 to Oklahoma, and so on in varying amounts. The State Secretaries insist their figures are correct, and the government's board does not yield. The state reports are from assessor's returns, the government's are based on percentage estimates from scattered correspondents.
>
> There is every reason, therefore, to believe the state reports the more accurate of the two, but as there is no present prospect of reconciliation of the enormous difference the only thing to do is to state the facts as they exist.
>
> With this vast difference of acreage it is easy to figure how the government made a crop of 3,125,713,000 bushels last year, whereas the revised estimates of yields by the states make the crop of 1910 but 2,733,315,706 bushels. The additional 11,500,000 acres claimed by the government would easy make the difference in the crop estimate in bushels.

We are, therefore, driven back to the lesson taught by the reports from the Department of Agriculture, that big crops make low prices; that a surplus coming from the fields or from Canada must have the effect of a big crop; that exaggerated reports at harvest time, either of grain, fruits or vegetables, at the time farmers are selling, must also tend to make low prices and benefit buyers; and that the arguments of those who favor it prove that to be the principal purpose of the Canadian agreement—to reduce the prices paid American farmers for what they grow in order that shop laborers may have cheaper food for the benefit of the combined mills and factories whose products are still protected from foreign invasion, but to whom foreign markets are open. We gladly give every possible aid to all industries, but we stand by the farm.

Why They Favor It

THERE are still great land companies in Canada, and these control immense bodies of agricultural lands that they wish to sell. Prof. A. C. Chamberlain, of South Dakota, says the adoption of the Canadian agreement admitting Canadian products free to the markets of the United States will create a tremendous boom in real estate in that country, especially such as lie near the American border. This is why these land companies so strenuously advocate the agreement. It will give them such a market as they never had before. But at the same time, it will depress the land markets in this country.

The big railroad systems of the Northwest also have good reasons, selfish reasons, for favoring the agreement. They will have a tremendous addition to their freight business in carrying wheat and other grain and live stock from Canada into this country; and an addition to their passenger business in carrying American farmers who seek new homes in the free lands of Canada. But none of these increases in business will benefit the government of the United States or its people.

Taft's Weakness

THE President has undoubtedly shown some weakness. In the Ballinger case, whatever was reprehensible in the Secretary of the Interior was reprehensible in the national executive. A President may make a mistake in appointing an officer, even a cabinet minister, but when the conduct of that officer shows the mistake, wisdom ought to point to its correction. On the contrary, Mr. Taft stood by Mr. Ballinger in defiance of all charges, and in his letter accepting that officer's resignation, he unhesitatingly assumed all responsibility for whatever Ballinger had done. Hence, if Ballinger had been unfaithful, Taft made himself equally so in that department of government.

The President now, so we learn from the press, has served notice upon the Senate that the Canadian agreement must be adopted in the precise form and words in which he presented it. Should that greatest legislative body assume to amend it in any way he will not have it at all.

The President must forget that his is not a legislative branch. He has no more constitutional right to say what may or may not be enacted by Congress than has any other citizen. After a measure is enacted he may veto it if he does not approve it, but he has no right to dictate or even to interfere with the enactment.

The people are not ignorant of the fact that the Canadian agreement can not be construed as being less in effect than a treaty; that treaties between countries are usually made publicly, and come before the Senate for ratification, a two-thirds vote of that body being necessary to such ratification. The Canadian agreement was arranged in secret; was suddenly sprung upon Congress and the country, and it was sent to the House in the name of an agreement to save it from the two-thirds vote required in the ratification of treaties. The courts will be asked to pass upon this dark lantern procedure if the so-called agreement becomes a law.

Yes, the President evidently has some weaknesses. He would better withhold his veto until Congress has acted, and it would be wiser to let "treaties take their constitutional course."

President Taft in Indianapolis

OUR open letter to President Taft, as printed in July 1 number, was sent to the president at Washington several days in advance of its publication. It is very doubtful whether the president's eyes fell upon it at all. Certain it is, that in his speech in Indianapolis, on July Fourth, he did not attempt to reply to any of the questions raised in the letter and which he owes it to the farmers of both countries—United States and Canada—to answer.

His Indianapolis speech was almost a repetition of the Chicago speech, but we note some new statements, some of which we will print as tending to show how he stands regarding the farming business of our country.

In the Chicago speech the president said one of the things that would result from the agreement would be to fill the gap of one-third of the grinding capacity of our mills. In his Indianapolis speech he said:

The effect of the increased wheat supplies would be to reduce the cost of manufacturing flour in just the ratio that the mills are able thereby to increase their output. This reduced cost of production would enable the mills to regain in the foreign market the eighteen to twenty million barrels of flour sold in foreign trade annually ten years ago, but which in recent years has fallen to less than ten million barrels.

The American grown wheat would not be decreased in value in the slightest, but on the contrary, *because of increased marketing facilities and fuller time operation, the mills would be in better position to absorb the increased quantity of American grown wheat.* It is better to control this surplus commodity as to the price through our own methods than to permit it to go abroad, where competing with our own surplus, it depresses at times the price of all we produce.

Since we called attention to the fact that the American millers could get all the wheat from Canada to grind, and export the finished product, that they want, without paying any duty, the fallacy of the president's reasoning above is evident. We must either conclude that he has not examined into the matter at all and is simply repeating what the milling interests want him to say; or he deliberately attempts to deceive unthinking farmers and others. We will not question the intelligence of our readers by submitting any further argument on this point. **It is perfectly clear now, that the president wants Canada's wheat to come in free to force down the price of our wheat so the millers can regain the trade in flour that they had before our farmers learned, through this paper, how to make the tariff work for them, as it had been working for manufacturers.**

And the president continued:

Wherever the probable course of trade under reciprocity is analyzed as to its effect on farm products in which Canada can compete, the conclusions vary but slightly from those reached with respect to wheat. As to barley and oats, the next most important grains likely to enter into our international exchange under reciprocity, *the quality of the Canadian products will commend them to our use.* Their appearance in the American markets *may cause their substitution to some extent for our own similar products, but such substitution would mean just so much elimination of Canadian products from the markets of the world. Their place needs to be filled and the supply for this purpose would most naturally come from the United States,* thus enlarging our own foreign outlet for these grains.

And now our farmers, after they have squandered their birthright (the virgin soil that produces handsome, perfect grain) by feeding the nation at a price that did not permit them to maintain the fertility of their soil, are told that their grain is not good enough for the brewers and other consumers. Their products are to be kicked out of the country by law (so says the president) and the products of aliens admitted to supply the markets which are our own by every right of heaven and earth. If the oats and barley raised in this country is not good enough for own consumers how does President Taft know that it will be good enough for the consumers of other countries. We wish our readers would study how the governments of France, Germany and Italy protect their farmers and agriculture and compare what they learn with this proposition of the president's.

In view of the president's utterances on the agricultural features of this agreement we can not but conclude that he does not represent that part of our citizens called farmers, or our greatest industry—agriculture—except to make them subservient to other people and interests, domestic and foreign.

We doubt if all the history of the world can furnish another example like this one.

Increasing Price and Reducing Output

THE National Association of Furniture Manufacturers recently in session at Chicago, decided, so we are told, to increase the price of furniture and, at the same time, reduce the output at least a third.

Without any comment on that action, let us put the farmers in the place of the furniture manufacturers.

Suppose the farmers were organized as every interest shows they ought to be, and were to assemble by representatives and decide to increase the price of farm products and reduce production a third so as to compel the price. Such a howl would go up as would startle the man in the moon.

Farmers have as good a right to do that as have the producers of other commodities. And we are not denying the right of the furniture manufacturers to do what it is said they did do. No one can continue a business without profits, and if those manufacturers are organized so as to control their business they have a right to make it profitable. The only question is that they may have caught the modern spirit of greed and wish to make their profits exhorbitant. They can do even that if they are properly organized, but in their case it would be wiser to gather in many small profits rather than create a reasonable income from a few large ones. Unless the demand is satiated, more sales may be had at lower prices than at high ones, and thus smaller profits may make a larger income. Such a course would be better for at least two reasons—it would enable people to buy furniture who might not otherwise be able, and it would increase the employment of labor to meet the increased demand. But that is a question the manufacturers themselves must decide.

All we claim is the same right for farmers. They are as much entitled to profits as anybody else, and they have the same right to control their business. They should do it in self-defense. They know there are no profits in glutted markets, whether those markets be glutted by excessive production at home or by the free admission of products from abroad. Would Mr. Taft dare propose the free admission of furniture from the shops of Europe?

RAILROADS AND RECIPROCITY

SIR WILLIAM VAN HORNE, of the Canadian Pacific Railroad, is reported to have said: "If reciprocity passes, the great and ever-swelling volume of grain now produced and to be ever increasingly produced in our enormous prairie provinces, will begin to pour southward into and through the United States." "I should not be surprised," he continued, "if at this moment there are at least two American railways waiting at the border to throw their right-of-way men and construction gangs into Canada's unrivaled garden."

The Aldrich Financial Plan

WE ARE interested in financial systems only as they affect the farmers, and whatever makes radical changes in the money of the country, or in its control, affects farming a little more, perhaps, than it does any other calling. Farmers are distributed all over the country. They are working in almost universal competition with each other, have no one product or interest to look to for support, and must depend for their income entirely upon prices made and paid by others. Add to this the other and more inexcusable fact that farmers have less of efficient organization than any other class of labor, and it must be apparent that monetary changes, or any means of making more rigid monetary control, must bear heavily upon them, more so, as we have said, than upon any other important class.

This leads us to refer again to the system proposed by Mr. Aldrich and his committee, and endorsed pretty generally by the money power of the country. That system, if adopted, will undoubtedly intensify and increase the money power, and enable the few who make financial control their business to profit more and more by that control, and levy still greater tribute upon the industrial masses who must look to that control for any income at all.

We do not have to remain among the masses to find opposition to the proposed measure. Hon. Leslie M. Shaw, Mr. Roosevelt's Secretary of the Treasury, is very pronounced in his opposition. "It surprises me," said Mr. Shaw, "that the large interests should now seek a central bank which must of necessity intensify prejudice. The South already believes that New York City controls the price of cotton. With a central bank the large interests of New York City can control not only the price of cotton, but the price of every other commodity."

This is strong language to be used by so distinguished a financier, and who knows so much about the money and its power and control; and we can think of nothing that should awaken the farmers more than this. It does seem like our lawmakers, all the time professing friendliness to agriculture, are determined to do those things which increase the burdens and uncertainties of farm life. Whatever affects prices unfavorably affects farming, for the price is the only thing farmers can look to for profits. If the financial interests are to control these prices they will not be controlled in the interest of farmers, and that class must overcome another obstacle thrown directly in their path.

All we can suggest is organization. Farmers must acquire advantages so freely accorded others, and those advantages can be secured only through organization. It is painful to see farmers so neglectful of this important matter.

Crops and Market Control

PROF. H. C. EMERY, of Yale University, arguing not long ago in favor of speculative Board of Trade markets, said:

Take, for instance, a miller. In the old days he bought his wheat, made his flour, and then sold it at such a profit as he might secure. This was a very risky business since the price of wheat might rise or fall by a large amount between the time of its purchase and the sale of the flour. Today practically all regular wheat merchants and millers hedge against any such risks by making counter sales or purchases in the speculative market. When a miller buys wheat to turn into flour he promptly sells short on the Exchange to a speculator, and when he sells his flour he covers his short line. As a result he is unaffected by the price fluctuations in the world market. Whether the price in the world market goes up or down, what he makes on one transaction he loses on one and he is thereby enabled to do a genuinely conservative business.

We confess to serious doubts as to that being the practice of millers and wheat merchants in general. But if it is, it seems to us a very strong argument against the Exchange or speculative system of market control and price-making. If one dare not risk doing a legitimate business without taking counter chances in a confessedly illegitimate business, a business that is an acknowledged sham from beginning to end, and that is controlled not by actual dealers in goods, but by two contending forces that are in strife as to which shall get power enough to dictate the price—if this is the condition forced upon honest speculative system, then we say it is better to knock out that system entirely, give legitimate trade an open field, and let supply and demand determine the price.

But for this system Prof. Emery so strongly approves, the price of wheat or any other commodity could not rise and fall with a suddenness to endanger those who honestly buy to sell again, even though they may buy the raw material to sell the finished product. Without dishonest speculation prices could change only as supply and demand changed.

But the professor deplores the fate of the miller who "bought his wheat, made his flour, and then sold it at such a profit as he might secure." But is not that precisely what the farmer is doing all the time? He plows his land, sows or plants the seed, cultivates the growing crops, takes the risk of unfavorable seasons and insect pests, harvests his grain, and then sells it at a price made by somebody else, and "at such a profit as he might secure."

We want honesty and equity in business. The farmer can not make counter deals to offset losses from droughts or floods, or from chinch bugs or hessian flies, or from boll worms or corn weevils. Nor can he hedge on the exchange markets that are constantly manipulating the price of his stuff. He must take things as they come; and whether trade "bulls" or trade "bears" be in the ascendant, he is the principal sufferer because the "system" forced the price down when he was a seller, and he is now helpless except as to his ability to grow more crops. We demand the abolition of the speculative price forcing system that farmers may have the same control of their business and the same opportunities for profits that others have. Remember, in union there is strength, and there can be no strength without it.

It Will Come

REGRETTING the weakness in former farm organizations, a contemporary, with a feeling of as much doubt as confidence says: "It is hoped that the faithfulness of the people will yet be rewarded by some business stroke that will bring relief."

We believe it will come, but the people themselves must bring it. Farmers must cease to look to this thing and that, to depend upon this man or that, to attempt this plan or the other. They must unite and organize for a purpose, and that purpose must be as wide as the nation and as broad as all the crops grown for market. It must sell as effectively as it produces abundantly. Such an organization and such a system makes farming a business and farmers independent.

TO CONTROL TEXAS MARKETING

THE farmers of Texas are preparing to hold their cotton until the price and market suit them. In fact, this movement, it is said, includes 2,000 cotton growers not only in Texas but in Oklahoma also. It is claimed that about fifteen new warehouses have been erected, and there are now facilities for storing some four million bales of cotton. The attorney general of Texas has rendered a decision that it is no violation of the anti-trust law for farmers thus to agree to store and hold their crops until the price offered is satisfactory.

This is a very simple proposition, and if all cotton growers would go into it with a proper spirit and practical plan thre is no doubt in the world that they would not succeed.

They think the price this year should be sixteen cents.

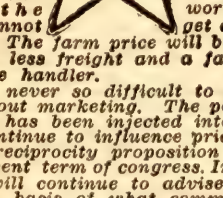
And if cotton may be thus controlled to secure equitable prices, and tobacco as it has been, then why not every crop be so controlled? It is only a question of foresight, will and determination. We are glad the truth is appearing to farmers all over the country, and we are sure it will not be long until every crop grown in American soil will thus be controlled and marketed at a fair profit to those who produce them. In the mighty developments that are now taking place, it is time for farmers to lead out in this matter of such vital importance to themselves.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

MINIMUM PRICES 1910 CROPS

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices should be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



(It was never so difficult to advise our readers about marketing. The political element that has been injected into the matter will continue to influence prices at least until the reciprocity proposition is decided in the present term of congress. In the meantime we will continue to advise our readers on the basis of what commodities are worth, knowing that farmers should not be compelled to take unfairly low and unprofitable prices, believing that they will not long do it and hoping that justice will be done them by the lawmakers and the proposed agreement will not be ratified.)

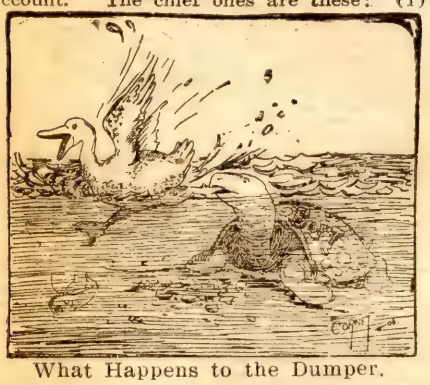
WHEAT—No. 2 red, at Chicago.....$1.20
WHEAT—No. 1 Northern (Spring) at Minneapolis, ... 1.20
CORN—No. 2, at Chicago after Jan. 1 ..... .65
OATS—No. 2 white, at Chicago..... .47
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ..... .75
BUCKWHEAT—At home ..... .85
BEANS, at Chicago .....$2.50@2.75
TIMOTHY HAY—Choice, at Chicago Per ton .....$20.00@21.00
CATTLE—Choice to Fancy Steers, at Chicago, per cwt.....$6 00@7 00
HOGS—At Chicago, per cwt. ..$6 00@7 00
POTATOES—Good to choice, at Chicago.....50@60
BROOM CORN—At Chicago, $150@175
COTTON—At Galveston, New Orleans, Mobile, etc., per lb. 15c

Advice

Everything depends on the action of the Senate as to the future price of wheat. If it defeats the proposed agreement we are sure wheat will go to $1.20 in a short time. If it makes the agreement the law we will not expect higher prices. It looks very much as though the agreement will be made. We offer no advice about marketing wheat. Do your own guessing. Market corn, oats, hay, beans, cattle, hogs, barley, potatoes and cotton. Stop marketing if the price goes below the minimum. Hold broom corn.

WE believe we may point to the policy of this paper to give advice about marketing crops with pardonable pride. It is the only paper published that renders such service to farmers. It has been doing this for eight years and it is the rare exception for us to miss in our predictions, or for our readers to fail to profit by taking our advice.

In arriving at the minimum prices we published, certain factors are taken into account. The chief ones are these: (1)



What Happens to the Dumper.

That the averages will be maintained. That is the average season's as regards heat, cold, moisture, drought, etc. Consequently the average crops will be produced, and as a consequence, barring any extraordinary thing like the proposed Canadian reciprocity, average prices will prevail, given average business conditions. (2) That the average farmer will not raise any crop and continue to raise it, that does not yield him a fair profit. Therefore, there is, every year, a large percentage of the farmers who refuse to sell at unprofitable prices, but hold with the hope of getting a fair price. It is a fact that, the world has not raised more than enough to supply the demand. As the part held by the controling farmers is a very considerable part, it follows that this will be needed before the next crop is ready to go on the market. This makes the opportunity for the readers of this paper, who act on our advice, about prices and marketing.

We do not claim to possess any occult powers, but we aim to figure the price out along the lines of averages, common sense and natural traits of human nature. How successful we have been, let our readers judge. One thing we ask though, and that is, if this paper has helped you, it will help your neighbors if they read it. And if it is placed in their homes many of them will be governed by it, and that will strengthen you in your demands for price. We know it is true, that the greater the circulation this paper has the steadier the prices will be up to the published minimums.

Since our last report great changes have occurred again in the crop and market conditions, as will be revealed by our report. We mention particularly the continuance of the drought over a very large area of country which has caused a distressing scarcity in some commodities and high prices.

Potatoes are over $3.00 a barrel higher than a year ago and nearly all vegetables are in short supply and prices high.

Oats and corn have reached the minimum prices. This leaves only wheat and broom corn as the laggards. The former is very sick, indeed, and all its doctors appear to make a wrong diagnosis of the case. Broom corn, we believe, will benefit by the law of average and those who have held should soon be able to sell at higher prices,

The July government crop report indicates less than two-thirds of a normal crop of hay will be harvested, and the oats crop is 25 per cent. less than last year. The corn acreage is the largest ever planted, but the condition is about 7 per cent. below the average. The acreage planted to potatoes is short and the *condition* is lower than any year in 25 years. Also tobacco is 28 per cent short in acreage compared with last year, and the condition is low.

The wheat crop, notwithstanding the low condition of spring wheat in some states, will be well up to an average.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on July 1, 1911, with comparisons are shown 'n the following table: (The sign — before figures means decrease, X means increase.)

	July 1, 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	28,159,000	—1,685,000
CORN	14,184,000	X 483,000
OATS	16,408,000	— 738,000
BARLEY	837,000	— 278,000

The visible supply of grain in Canada on July 1, with comparisons are as follows:

WHEAT—9,907,000 bushels. This is 571,000 bushels less than two weeks before and 904,000 bushels more than a year before.

OATS—5, 058,000 bushels. This is 404,000 bushels more than two weeks before and 2,080,000 bushels more than a year before.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week Ending June 30,	June 23	July 1
	1911	1911	1910
American	1,335,334	1,477,357	1,386,545
Other kinds	1,063,000	1,114,000	1,058,000
Total	2,398,334	2,591,357	2,444,545

The total visible decreased 280,559 bales in two weeks.

Price of cotton, New York, July 10, 1911. —Middling uplands, 14.10c; middling gulf, 14.35c. The price is 90c a cwt. lower than two weeks before.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on July 10, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

	July 10	2 Wks. before	A Yr. before
Chicago	87¾@88¾	88¼@89½	$1.05
St. Louis	84½@86	86½@87½	1.08
Kan. City	86¼@86½	83 @83¾	1.03
Cincinnati	85 @87	85 @89	1.09
New York	93¾@95		1.08

MINNEAPOLIS—No. 1 hard spring wheat, July 10, $1.00¼; No. 1 Northern spring, 98½@99¼c. Two weeks before, 98½c, and 93⅛@96¼c, respectively. A year before, $1.19¼ and $1.18, respectively.

CORN, No. 2, WHITE

Chicago	63¼@63½	55	@55½	65
St. Louis	68 @68½		57½	66
Kan. City	69½		57½	64½
Cincinnati	68½@69		57½	67½
New York	70			69¼

OATS, No. 2, WHITE

Chicago	47½@48	39	@40	41
St. Louis	50		43½	44
Kan. City	49½	42¾	@43	41
Cincinnati	49 @50	41	@41½	43
New York				48

Future Grain Prices

Chicago grain futures closed July 10 and two weeks before, as follows:

WHEAT—July, 88¾c; September, 90⅛c; December, 93; May, 97¾. Two weeks before, 88⅝c, 88½c and 91¼c, repsectively.

CORN—July, 62½c; September, 64½c; December, 63⅜c; May, 65½c. Two weeks before, 55¾c, 57¾c and 56⅝c, respectively.

OATS—July, 45¼c; September, 46¼c; December, 47⅛c; May, 50½c. Two weeks before. 40¾c, 41 and 43⅛c, respectively.

Chicago Produce Market

July 10, 1911.

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—No old potatoes received, and none quoted. Market about cleaned up.

NEW POTATOES—Good demand. Receipts liberal today. Market cleaning up well.

Sales reported were: 15 cars Virginia Cobblers at $5.00

Barrels, Virginia Cobblers, fancy .....$5.00@5.25

The price of new potatoes is about 75c a barrel lower than two weeks before, but over $3.00 a barrel higher than a year before.

HAY—Receipts, 440 tons; firm and in good demand. Offerings small.

Choice Timothy Hay	$24.00@25.00
No. 1 Timothy	22.00@23.00
No. 2 Timothy	19.00@20.00
No. 3 Timothy	16.00@17.00
Kansas and Oklahoma Prairie, choice	17.00@17.50

Change from a year before Bushels	Change from 2 yrs. before Bushels	last year Bushels Change
X 13,261,000	X 16,241,000	—5,170,000
X 3,931,000	X 8,167,000	—2,110,000
X 8,793,000	X 7,789,000	—2,166,000
— 1,421,000	— 477,000	— 568,000

The price is $1.00 a ton higher than two weeks before and Timothy hay is $5.00 a ton higher than a year before.

BROOM CORN—Remains steady. Sales continue along in a very moderate way. Nothing important doing and yet some corn is selling.

Illinois corn, per ton, depending on quality .....$80.00@120.00
Oklahoma, per ton, poor to good ..... 60.00@100.00
If badly damaged and stemmy no regular value.

Price is the same as two weeks before. We look for substantial advances soon.

BEANS—There are no offerings to speak of on the open market. Demand at present is light and there was no change reported.

PEA BEANS—
Hand picked, choice .....$2.28@2.32
Good but not strictly hand picked ..... 2.10@2.20
Mediums nominally about the same as Pea Beans.
Red Kidneys, depending on quality ..... 3.50@3.85
Brown Swedish, depending on quality ..... 2.50@2.85

The price of Pea Beans 10@25c higher than two weeks before; Red Kidneys, 20@30c higher and Brown Swedish about 20c higher.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	11,390	10,622	10,235

The market closed steady.

Conditions remain about the same in this market. The demand is good and to supply the immediate wants, and all fresh laid, sweet, full eggs offered are being taken readily. Owing to the very hot weather, most of the eggs show heat more or less, and this makes it more difficult to secure first class stock. Eggs which are not fresh and show heat and are shrunken, and lots which contain an unusual quantity of rots, are selling, but at irregular prices, depending on the quality. It is a matter of negotiation between the buyers and sellers.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned, 10½@11c, depending on quality.
Ordinary Firsts quotable at 13½c.
"Firsts" quotably 14½c per dozen.
"Prime Firsts" quoted at 15½c.
Checks or Seconds quotably 7c.
Dirties quotably 9½c per dozen, and candled stock will command a higher price.

The price is about 1c a dozen higher than two weeks before. A year before the price was 3c to 4c a dozen higher.

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When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

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Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

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Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....
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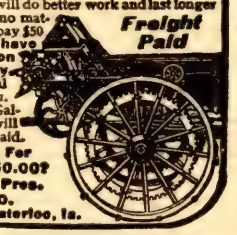
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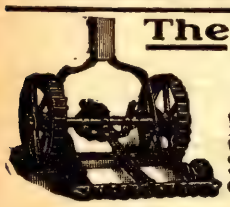
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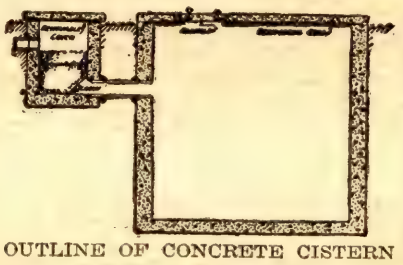
Underground Cisterns of Concrete

There are few things more important than an abundant supply of soft water. In the kitchen, laundry and bathroom it means lightening of labor and economy. The ideal soft water is rain water, and the old-time rain barrel is still extant in some rural districts. It is the purpose here to discuss the ideal "rain barrel," a reservoir unlimited in capacity, that may be made indestructible and impervious for all time, something cheap as to first cost and never needing repairs.

Underground cisterns may be built in any shape desired. For the same amount of concrete cisterns (with a depth equal to the diameter) will hold the most water. However, since round forms are not easy to frame, most cisterns are made square. To illustrate the usual method of building, consider the construction of a cistern 8 by 8 feet in the clear, with walls 8 inches thick and with a capacity of 121 barrels. Before beginning the work, have all the materials, slightly more than required.

Locate the cistern in the most convenient place. Since the walls are 8 inches thick, lay out the hole 9 feet 4 inches square. The concrete bottom is 6 inches thick. Therefore dig the pit to the depth of 8 feet 6 inches. Since the concrete cover or platform will be 5 inches thick, the top of the cistern will be 5 inches above the ground, which is a desirable feature.

If the earth walls stand firm, only an inside form will be needed; otherwise make a similar form for the outside of the walls. This form should be built (each side separately) previous to digging the

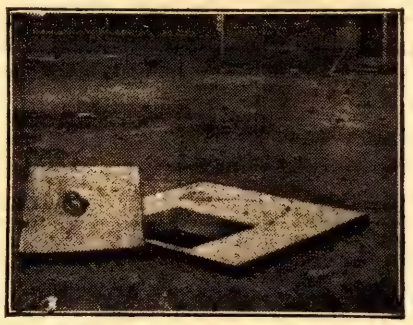


OUTLINE OF CONCRETE CISTERN

pit, so that it may be quickly erected and the cisterns finished before a possible shower makes the hole muddy. For siding, use 1-inch boards on 2 by 4 uprights, spaced 2 feet. As soon as the hole is dug, set up the forms on 6-inch cubes or bricks of concrete, with 1-inch removable wedges between the forms and the bricks. The side wall forms will later support the platform on which the concrete cover will be built; and unless these wedges are used, the forms will bind and be difficult to remove. Join the forms at the corners so that they can be easily taken down after the cistern is finished. Against the earthen walls, and braced to the inside forms, set 1-inch boards, 12 inches wide, so as to prevent dirt from crumbling and falling into the cistern.

Mix the concrete 1 part Portland cement to 2 parts sand to 4 parts crushed rock. In measuring quantities, consider 1 bag cement equal to 1 cubic foot. If gravel is to be used, proportion the concrete 1 part cement to 4 parts clean gravel. For the floor have the concrete just wet enough to flush a little cement mortar to the surface when tamped into place. See that there is an abundance of mortar around the concrete block supporting the forms. Immediately begin filling the sidewall forms with concrete mixed mushy wet and placed in 8 to 10-inch layers around the entire cistern. Be careful not to shovel the concrete against the earthen sides as dirt in concrete is liable to make a leaky wall. Do not stop until the forms are filled. At the proper points, insert an overflowing opening (if desired) and a sewer pipe connection for the water from the downspout or the filter and the pipe connection for the pump in the house. This pipe should be carried 3 to 4 feet under ground, out of danger of freezing.

To keep out mice, vermine, scrub water or filth, every cistern should be covered with a concrete platform reinforced with steel rods. After the concrete walls have been brought to ground level, set a wooden frame around the outside of the cistern so as to hold the concrete for the 5-inch platform. To run water off the finished cistern cover, slope this frame 1-inch in the direction desired. Five inches below the finished top of the cistern cover construct



COVER OF CISTERN, WITH MANHOLE

a strong wooden platform of 1-inch boards for flooring. Build this on 2 by 4-inch joists nailed to the uprights of the side forms. This wooden platform will support the concrete cover until it is self-sustaining. To provide for a manhole opening take 1-inch boards 6 inches wide and build a bottomless box 5 inches deep, 2 feet square at the top and 18 inches square at the bottom—outside measurements. Another plan is to have the tinsmith make a round bottomless tin form 5 inches deep, 2 feet in diameter at the top and 18 inches at the bottom, after the pattern of a large dishpan without a bottom. Grease the manhole frame and set it on the platform where the cover can also be used. By a similar use of a section of a gas pipe or small drain tile, leave an opening for the pump stock, if an outdoor pump is to be used. Around this opening in the soft concrete place bolts (washered) for the pump. To locate the bolts correctly, set them by means of a wooden block in which holes have been bored spaced exactly like those in the iron pump base.

Over the entire platform, spread 1 inch of concrete. For re-inforcing quickly place on this concrete 10-foot lengths of 3-8-inch iron rods running in both directions (criss-cross) and spaced 1 foot apart. Bend the ends to a hook shape. Strengthen the platform around the manhole opening by placing two rods on each side. Bring the cover to its full thickness by immediately tamping in the remaining 4 inches of concrete. Finish the surface with a wooden float (a trowel) the same as for sidewalks. If the tin form is used, the manhole cover may be cast at the same time as the remainder of the floor. Reinforce the cover with short length of iron rods laid criss-cross. As a lifting ring for the cover, use half of an old bridle bit or a hitching post ring, the end provided with a twisted wire or with a nut and large washer for holding it firmly in the concrete. If the wooden manhole form is used, carefully remove it after 5 hours. After 3 days build the manhole cover the same as for the tin form, with this exception—place greased paper or cardboard around the edge of the opening to prevent the new concrete from sticking to that of the platform. To make the manhole cover lighter in weight, before placing the concrete, spread 1 1-2 inches of wet sand over the wooden platform in the manhole opening and then tamp in the concrete. Take



CONCRETE CISTERN COMPLETE

care to place the reinforcing within 1 inch of the bottom of the manhole cover. When the cistern platform is two weeks old, remove the manhole cover and saw an opening in the wooden floor. Descend, knock out the 1-inch wedges under the side-wall

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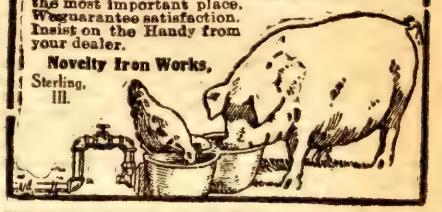
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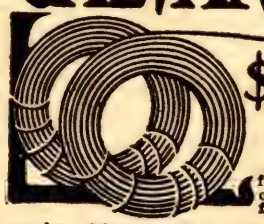
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$1.60 FOR 100 LBS. AND UP

This is our price for our No. 9 gauge Galvanized Wire Shorts. The terms Wire Shorts is to denote mill ends of regular fence wire. In the manufacture of wire the mills have lengths over that do not run continuously to a coil. We buy these under contract and put them up 100 pounds to the coil. As far as quality is concerned the wire is as good as any regular full length coils of wire. It is smooth plain galvanized. The lengths range anywhere from 25 to 150 feet, but we do not guarantee the lengths.

As near as possible we keep one or two gauges only to a coil. No farm is complete without one or two coils of these handy wire shorts. Extensively used by grape growers and for fence purposes. Sold as is, no come backs.

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Barbed Wire: Fifty-four cars of four point Galvanized Hog and Cattle Fencing, catch weight coils, new, but somewhat weather beaten, per 100 lbs... $2.00

Twenty-Six Inch Woven Wire Fencing, brand new and first-class in every way, extra strong, per rod.... 39½c

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CHICAGO HOUSE WRECKING CO., THIRTY-FIFTH and IRON STREETS, CHICAGO.

forms, take the forms apart and pass them out through the manhole opening.

It is generally advisable to filter rain water. For this purpose provide a filter on the outside of the cistern proper. Construct this filter in the same way as the cistern was built except that the reinforced concrete cover should be loose so that it can be removed. Therefore, mold it on a smooth surface such as a wooden floor, and later put it in place. Make the concrete walls and bottom 6 inches and the cover 4 inches thick. Under the most conditions a filter 2 feet square and 3 feet deep in the clear is large enough. Carry the walls a few inches above the surrounding ground. At the filter floor level connect the filter with the cistern by means of a 6 to 8-inch sewer pipe or drain tile laid with carefully cemented mortar joints. Likewise, 1 foot from the top, lay a similar connection for the pipe leading to the down-spout. Instead of using a square inside form for the filter, a barrel may be used. In the filter place a galvanized screen of 1-4-inch mesh over the pipe opening to the cistern. Fill in 18 inches of coarse charcoal. Cover the charcoal with 6 inches of sand and gravel. Place the slab cover on the filter, and the cistern is ready for use.

CLOVER HAY AS FEED

CLOVER hay is being better understood as a valuable feed for all kinds of stock, and its use is becoming much more general. As a consequence the market for it is broadening, and the price is getting to be more steady and more remunerative.

There has been a prejudice against using it as a feed for horses, but it has been discovered that this prejudice has grown out of a misuse of it. There is no better feed for horses than bright and well cured clover hay, though even that may be fed and eaten too much at a time. Badly cured and moldy hay is not good. It may be eaten, but it is not easily digested, may create gas in the stomach, and possibly lead to heaves in horses that work hard after eating it. There need be no fears, however, from feeding well cured clover hay in reasonable quantities. It is more nutritious than timothy, and nearly equals alfalfa in that respect.

A good way to grow clover for hay is to mix clover and timothy. If grown alone, the clover should be cut early and cured carefully; but it may be stored in the barn or shed, if properly handled, earlier than timothy. In such cases, the clover will cure beautifully, and make excellent feed. In mixed meadows it will be necessary to let stand a little late for the clover and yet cut a little early for the timothy, so as to average the two, but most excellent feed will be the result.

What makes this crop all the more valuable is the improved condition in which it leaves the soil. Land on which clover is grown can not become impoverished and unproductive. It not only adds the important element of nitrogen by means of the nodules that grow on the roots and the bacteria that live in them, but the roots themselves make humus, and if a growth of the tops be turned under not only humus, but potash and phosporic acid are also added.

The mixed meadow, of course, has largely this same effect. The clover is constantly doing its work, and it keeps the timothy from making too dense a sod and thus crippling its own permanency and growth. It also fills the vacant places very likely to come in the meadow and grow up in weeds, thus in a very few years crowding out the timothy and making the meadow unprofitable. Whenever the mixed clover and timothy meadow is broken, for some other crop, the farmer may be sure he will find the land in better condition than if it had been in timothy alone.

IN AN automobile you are all but on the turf; the road skims beneath you, winds before you and unless a man is bloodless he can not but surrender himself to that fine intoxication that comes of such motion in the open air; that begins in a sort of breathless sensation and ends in that pleasing drowsiness which no other recreation affords.

You take the level stretches soothed by the silence of all about you and you climb the hills expectantly, eager for a view of the country beyond. From the valley the hills are golden and invite you on your way, while from the hills the valleys are constantly beckoning.—Rambler Magazine.

THE AUTOMOBILE FOR RECREATION

WHEREVER you find a farm owner who owns a motor car of quality you will find a man whose social life has been revolutionized. He has combined the advantages of the town with the pleasures of living in the country and saving his horses for their more important work on the farm.

The market, school, church, library and theater are never more distant than he is glad to ride. His wife, his children and his friends share his recreation and he feels a sense of pride in driving a car which more firmly establishes him in the high esteem of his neighbor.

How often on the farm an errand is to be done at the end of the day. Perhaps a piece of machinery must be quickly repaired or there is a business call to be made at some distant point. He would walk miles rather than drive a tired horse. With the automobile his tasks become pleasures. He can devote an hour or two more to his work, then skip away to town on an errand, take family and friends along and be back in good season. The round of daily work is lightened by new pleasures and at the day's end work and worry ends.

Consider the joy of the automobile owner who, when evening comes, deserts tired horses and tasks, joins his family and is off for an evening's recreation. Strangely enthused by the stir and speed of the journey, he feels a sense of power and control at the wheel of the machine and he returns refreshed, having for a time left familiar things behind. In August and September, when the county fairs are in progress, vacation trips are made and work is done, he is off with his family to unfamiliar places and he can go a hundred miles and yet feel sure of being back at bed time.



THE HARLEY-DAVIDSON WAY

THINK of mounting a motorcycle on the spur of the moment, and covering a distance that under ordinary conditions with a horse and wagon would approximately take 50 minutes, and doing it IN 15 MINUTES, less than the time it would take to harness up the horse, and all at a cost of 1-10 to 1-5 cent per mile. That's the always reliable gait of the

HARLEY - DAVIDSON MOTORCYCLE
"The King of the Country Road"

Then consider the amount of your time and money saved, in transportation, running and repair expense, and you must admit that it truly is the cheapest investment of all your farm equipment, thus putting the motorcycle far ahead of all means of transportation on the farm to-day

SEND FOR BOOKLET
"The Silent Gray Fellow"

HARLEY-DAVIDSON MOTOR COMPANY
780 L Street
MILWAUKEE, WIS.

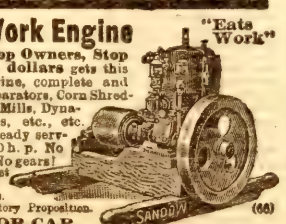
MOTOR HARLEY-DAVIDSON CYCLES

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Wonderful Work Engine

"Eats Work"

Farmers and Shop Owners, Stop Sweating! A few dollars gets this grand little work engine, complete and ready to run Cream Separators, Corn Shredders, Grist Mills, Feed Mills, Dynamos, Printing Presses, etc., etc. Gives a lifetime of steady service! All Sizes: 2 to 20 h. p. No cranking! No cams! No gears! Only 3 moving parts. Finest construction. Thousands in use. Guaranteed 5 years. Write for Special Introductory Proposition.



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¶ The farmer who lives nearest the city and gets there most frequently, sells his products at the best prices. Profitable marketing depends largely upon your ability to reach the market when the demand is greatest. That is the time when you get your own price.

¶ A *Marathon* enables you to drive to the city at a moment's notice. You don't have to depend upon your team.

Not simply a car - Marathon - but car service

¶ It's a mighty easy matter to load any kind of farm product—even live stock—on a *Marathon*. It's quick and comfortable traveling, and a great many valuable hours of your time are saved. The automobile should be part and parcel of your equipment. It is just as necessary for an up-to-date farmer as harvesting machinery or the gasoline engine.

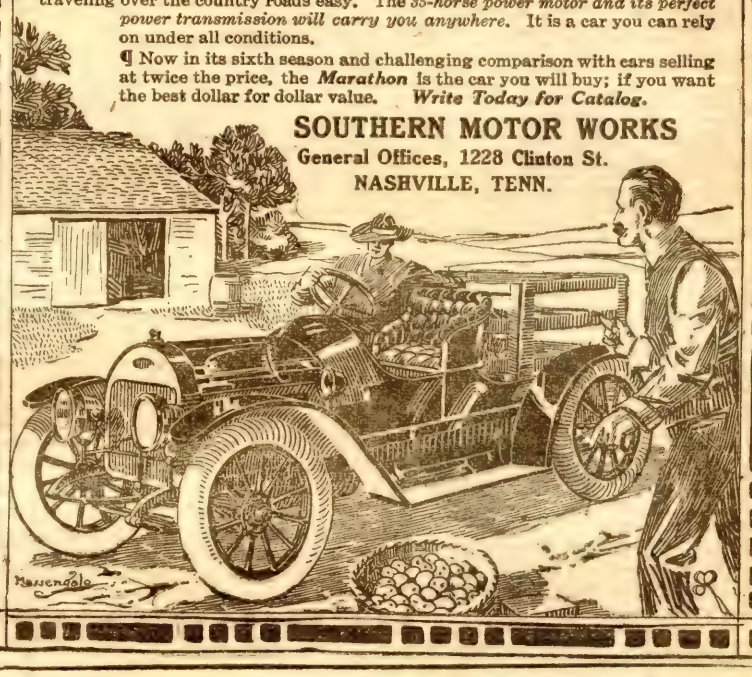
¶ The *Marathon* is easily handled and costs very little to keep up. In fact it *will pay for itself in saving time, team and trouble.*

The Marathon Meets All the Requirements of the Man Who Lives on the Farm.

¶ The long wheel base, the big wheels and tires, and the deep upholstery make traveling over the country roads easy. The *35-horse power motor and its perfect power transmission will carry you anywhere.* It is a car you can rely on under all conditions.

¶ Now in its sixth season and challenging comparison with cars selling at twice the price, the *Marathon* is the car you will buy; if you want the best dollar for dollar value. *Write Today for Catalog.*

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OLDEST LIGHTNING ROD HOUSE IN THE WORLD. COLE BROS. Franklin Lightning Rod has had a larger sale than any other Rod which was ever made.

COLE BROS. could not have done business successfully sixty-one years, if they had not made a good Lightning Rod. Their Rod has been the Standard for more than half a century.

COLE BROS. Franklin Lightning Rod is imitated by many cheap manufacturers, because it is the best. Beware of the cheap imitations. The Genuine has C B F R stamped upon the Coupling of every Rod section. Buy no Rod which does not have these letters.

You can't afford to experiment with some cheap flimsy affair, when you can get a good substantial durable Rod, with an established reputation.

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THE WORLD'S BEST LIGHTNING ROD

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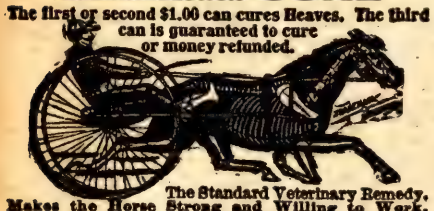
Written by 200 of the most successful Feeders, Farmers and Dairymen in the World. Every farmer in America should read this book, and as long as our supply of these books last we will mail one copy free to each person asking for it. It gives the actual experience of these farmers and in their own words.

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CURES HEAVES BY CORRECTING THE CAUSE which is Indigestion. Send for booklet "Horse Troubles." Explains fully about the Wind, Throat, Stomach and Blood. Newton'sissafefor colt, adultor mareinfoal

A GRAND CONDITIONER AND WORM EXPELLER

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Seldom See

a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

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Before After will clean them off without laying the horse up. No blister, no hair gone. $2.00 per bottle delivered. Describe your case for special instructions and Book 8 F free.

ABSORBINE, JR., liniment for mankind. Removes Painful Swellings, Enlarged Glands, Goitre, Wens, Bruises, Varicose Veins, Varicosities, Old Sores. Allays Pain. Price $1 and $2 a bottle at druggists or delivered. Manufactured only by
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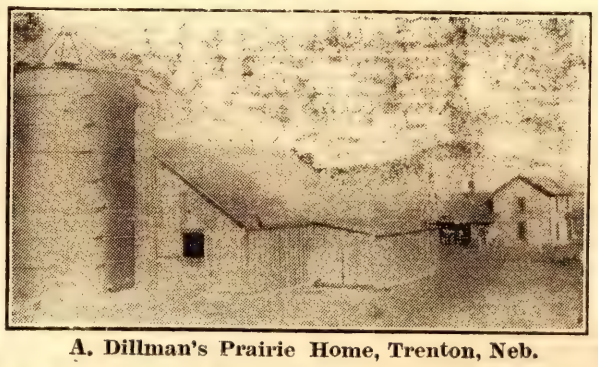
Doesn't Dig His Feed Out of the Snow

THE farmer that once uses a silo is convinced as to its necessity.

My experience dates back to 1900 and 1901, which two years I used a silo while in the dairy business at Marion, Ind., and the two years I used the silo convinced me that no farmer could profitably milk cows or feed cattle without the silo. When I came to southwestern Nebraska, where I now live, I realized the great need of the silo for the farmer and feeder, so I set to writing all the manufacturers of silos for prices, etc., and decided to buy the Indiana Silo, and by getting out and hustling I sold enough to my neighbors to make a carload and by so doing the company paid freight on the carload to my station.

Will just tell in a few words what my silo did for me in the one winter's use which I have used it. With nine cows fed silage for six months I paid for my silo and cutter with butter fat sold and by account kept of investment in silo, cutter and expense of filling and cost of raising corn put in silo my feed cost not to exceed $3.50 per ton and now as I consider my silo and cutter paid for the first year, my profits from this on will certainly be encouraging, and while I consider the silo a necessity in the way of dollars and cents saved, I also consider it a convenience and saving of labor.

Photo of my barn and silo show that I did not have to dig my feed out of the snow this winter, but fed 90 tons of fine feed from my silo without getting out in the bad weather. The cows that were fed in silage produced in butter fat to the amount of the investment in silo, cutter, etc. I could have sold, any time after March 1st, to the butchers at 4c per pound, as they were any of them fit for the block at that time.—A. DILLMAN, Trenton, Neb



A. Dillman's Prairie Home, Trenton, Neb.

OATS FOR THE SUMMER SILO

I have been interested in the articles in your paper regarding the growing of hay. Timothy hay is the poorest and the dearest feed a farmer can raise. I would advise farmers to build silos and then raise oats and peas, oats alone, or millet, for hay and fill the silo for summer feed and for fall feeding until corn is ready. You all know the summer of 1910 was very dry and the pastures dried up. On the fifteenth of July I cut eight acres of oats and blew them into my silo and fed my cows nothing else from July 15 until we filled the silo with corn. During that time we sold $540 worth of milk, and my cows looked and milked as well as when on grass. Farmers must get out of the old ruts and quit growing hay that only produces from one to two tons per acre, while peas and oats alone, or millet, will produce a better feed and not take so much fertility from the soil.

Let farmers wake up to the new and better methods of farming our high-priced lands, and build silos. Raise soiling crops and corn for silage, feed it to stock and return the fertility to the soil.

B. G. PATTERSON.

Grant Co., Ind.

SHEEP AND THE WEATHER

Sheep do not so badly need housing as do some other domestic animals. Even in winter they do not much suffer from cold if they are dry. They should be sheltered in stormy weather, either rainy or snowy, but even then it is shelter rather than protection from cold they need. Of course there should be warm rooms or corners in which to receive the lambs, as young lambs are very tender, but once they have had a full meal of the mother's milk, even the lambs are not likely to suffer from cold.

After shearing, sheep should have a few days' protection from bad weather of any kind, especially from cold rains. After that they are practically immune so far as the weather is concerned.

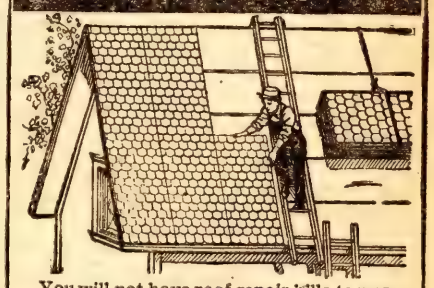
In hot weather sheep suffer from the heat, and, therefore, they should never be without abundant shade in their pastures, and the shade should not be in sultry nooks, but in the open where the winds may freely fan them. It may be noticed that, though there may be shade all around the pastures, if they are trees standing in the open field, the sheep will gather under them. In this respect it is different with cattle.

In the hot summer cattle seek the thickest woods or shade; they wish protection from the flies rather than from the heat.

COMFORTS FOR THE PIGS

FEW domestic animals suffer more from heat than hogs do, and pigs should never be kept in summer time in lots without shade. The shade of the fence, even though it may be of plank, pickets, or rails, is not sufficient. There should be in the lot low trees that cast a heavy

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which is full of valuable roofing information. Send us the dimensions of your roofs and we will quote you the low cost of a Reo Steel Shingle Roof delivered to your railroad station. Ask for our Special introductory offer to represent us in your community.

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Imported Coach Stallion, a beautiful Horse, weighs 1,250, and a good high-going horse with plenty of action, and a good breeder.

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Rust Proof - Bull Strong

Fences for horses, cattle, sheep, hogs, chickens, etc. 160 styles.

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We pay the freight. Lawn Fences and Gates. Free catalog and sample.

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This paper never descends to Quackery nor ever gave them boosting.



You Can Cure That Lame Horse Under A Bond Guarantee

A LAME horse means money lost. You can neither work him or sell him to advantage. There is no excuse for your having a lame horse about the place for we absolutely guarantee Mack's $1,000 Spavin Remedy to cure spavin and send you a bond to back up the guarantee.

He Asks You To Please Send This

This is a straight-forward business proposition that you cannot overlook if you have a lame horse. Not only for the sake of the horse—but for your pocket-book as well, you should read every word of this advertisement and then send the coupon without the loss of an hour.

Don't let your horse suffer—don't sell him for a few dollars—ask us to tell you how to remove the lameness safely, surely and quickly.

Under $1000 Bond We Guarantee Mack's Remedy to quickly and permanently relieve the worst case of Bone or Bog Spavin, Ringbone, Thoroughpin, Curb, Capped Hock, Shoe Boil, Sprung Knee, Lacerated and Ruptured Tendons, Sweeny and all other forms of lameness affecting a horse. Contains nothing that can injure the horse and heals without leaving scar, blemish or loss of hair. We positively guarantee every bottle of Mack's $1,000 Spavin Remedy; if it fails, you get back every cent you paid for it as stated in our $1,000 Warranty Bond.

Relieves Cases Formerly Considered Incurable

No matter how long your horse has been lame, or what the nature of his lameness, you can absolutely rely upon Mack's $1,000 Spavin Remedy. We know of many cases where owners have paid out big fees and had valuable animals tortured with "firing," "blistering" and other good-for-nothing methods and as a last resort tried Mack's $1,000 Spavin Remedy, and were amazed at the painless, positive, quick and permanent cure.

Nearly Every Mail Brings Us Letters Like the Following:

"The remedy you sent me cured the two horses that the hoof was coming off. The mule's foot was nearly off when I got the medicine, but in five days the mule was able to walk on it. The horses are working every day, and have been since using your remedy the third day. It is the best medicine I ever saw for the foot. Our Vet. said those horses would not be able to work in 12 months, but he sees his mistake now. I recommend your medicine to every one as I know it is all O. K." Yours truly,
Ludowici, Ga., Dec. 7, 1910. J. T. COLLINS.

"I am pleased to tell you that Mack's Thousand Dollar Spavin Remedy has proved far beyond my expectations. My horse had been lame with side bones on each side of foot for about eighteen months, and I had thought of shooting him at different times. I tried to work him but he would go so bad he would hop along on three legs. My neighbor told me he would never be of any use as they had had horses with the same trouble. I tried other remedies without success, but am working him now and he is sound, and have tested him well. I recommend your 'Mack's $1,000 Spavin Remedy' to all." Yours truly,
Summerland, B. C., Dec. 4, 1910. R. H. STEWART.

Your Druggist Will Obtain Mack's $1,000 Spavin Remedy For You

if you ask him. Price $5.00 per bottle. If he refuses, remit $5 to us and we will see that your order is filled without delay.

No matter where, when or from whom you buy Mack's $1,000 Spavin Remedy the price is the same. Every bottle is absolutely guaranteed, and is accompanied by our $1000 Warranty Bond, which insures you that your money will be refunded if the remedy fails to do all we claim for it, as stated in our guaranty.

McKALLOR DRUG COMPANY, Binghamton, N. Y.

FREE DIAGNOSIS COUPON

A-8



On picture of horse mark with an X just where swelling or lameness occurs, then clip out coupon and mail to us with a letter, telling what caused the lameness, how long horse has been lame, how it effects the animal's gait, age of horse, etc.

We will tell you just what the lameness is, and how to relieve it quickly. Absolutely no charge. Write today.

Free Book "Horse Sense"

Send us the Free Diagnosis Coupon, get absolutely free a copy of our book "Horse Sense." Describes and illustrates diseases of horses' limbs, shows correct name for every part of horse and tells valuable facts every horse owner ought to know.

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$20.45 AND UP.

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30 Days Trial

You waste money if you pay a cent more than our price for a Cream Separator. You can't afford to buy from anyone at any price until you have sent a postal card or a letter asking us for our special Cream Separator offer. We save you half of agents' prices—we allow you 30 days trial on your own farm—you needn't send us a cent in advance, if you prefer not to.

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We will send you a machine on trial so you can find out how good it is. No Separator costs more to manufacture than the Macy, yet our price is half the price asked by Agents. Easiest cleaned machine because its skimming device is aluminum. Frictionless pivot ball bearings make it easiest running. Guaranteed forever. Five sizes; five popular factory-to-farm prices. **Cut out the middleman's profit**---keep this money in your own pocket. Write to-day for our special introductory offer.

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GALLOWAY

Price and quality speak for themselves and you are to be the sole judge. Sell your poorest horse and buy a

5-H.-P. only $119.50



Direct From My Factory on 30 Days' Free Trial. Satisfaction or money back. Write for special proposition. All you pay me is for raw material, labor and one small profit. Send for my big BOOK FREE.

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from a Bone Spavin, Ring Bone, Splint, Curb, Side Bone or similar trouble and gets horse going sound. Does not blister or remove the hair and horse can be worked. Page 17 in pamphlet with each bottle tells how. $2.00 a bottle delivered. Horse Book 9 E free.

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W. F. YOUNG, P.D.F., 102 Temple St., Springfield, Mass.

EAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

shade. An orchard is a good pig pasture, provided, of course, if the pigs are large enough to root, or if the sow is with them, sow and pigs are ringed. The orchard trees furnish the very best of shade, and there is always more or less good pasturage in the orchard. Besides, the pigs, like poultry, are enemies of the orchard's enemies, and their presence contribute to the health of the orchard. From the time the bloom falls, bad fruit begins to drop, and nearly all of it contains eggs of orchard pests. These are eagerly devoured by the pigs, and the prospective insects are destroyed with the faulty fruit. This argument holds good until fruit that is worth saving begins to drop, and then, of course, the pigs must be removed.

It must not be forgotten that pigs need water, and must have it, but where they have plenty of shade in their lot or pasture they do not need wallowing places as they do when they lack shade.

BIG LITTLE THINGS

SAYS a writer: There should be placed in every pig or hog pasture a box with salt, charcoal, air slacked lime, bone meal and hard wood ashes, so the animals can help themselves. These are all good things for hogs, but don't wait until you get all of them; place within their reach what you have.

Hogs don't root for fun; they are hunting something to eat—things that they like; and that are good for them—grass and other roots, bugs, worms, etc.

In breeding for colts or mules remember that the best bring the best prices, and cost but very little more.

It is not a good practice to let the colt follow the mare as she works in the fields. It is too hard on the little follow; but it should not be deprived of feed from morning till noon, nor from noon till night, nor should it suck when the mare is overhot from work.

Bad water is a fruitful source of sheep ailments. Sheep suffer worse from stagnant water than any other animals on the farm.

A summer pasture without shade can not be estimated at much more than half its actual feed value, for stock with no refuge from the burning sun lose nearly half of the benefit the feed should be to them.

Growing or milk-giving stock need protein. Wheat bran is largely depended upon as a protein feed. But bran gets very high in price some times, and farmers, can not afford to buy it. Since farmers may raise wheat but can not raise wheat bran, they should grow more clover and alfalfa. Hay from these are rich in protein, and a farmer who has such hay does not much need wheat bran.

Regularity of feeding and milking is an important matter. It keeps the cows from becoming restless, and calm tranquillity is the condition in which the milch cow does her best.

A cow that does not produce more than 5,000 pounds of milk and 300 pounds of butter a year is not what a cow ought to be, and is under the average value. One that produces 400 pounds of butter requires no more care, and eats but little more feed than the one of lower record.

EVERY HORSE OWNER SHOULD HAVE THIS BOOK

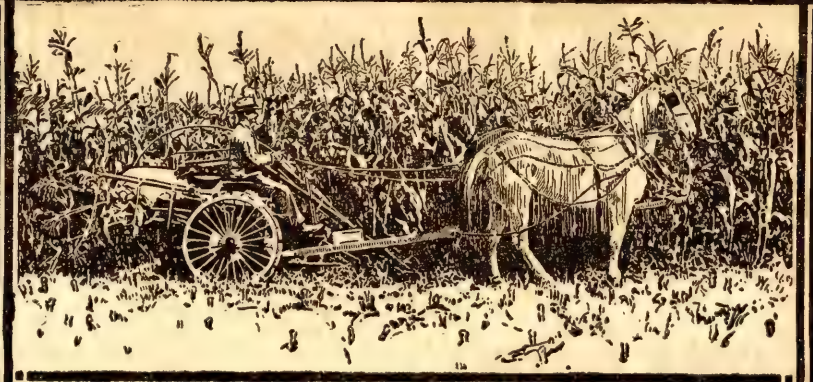
It will be of interest to every horse owner in the country to learn that a substantial saving of from 25 to 50 per cent. can be affected on the purchase of any style of horse drawn vehicle, harness or saddles by getting in touch with the Wilbur H. Murray Mfg. Co., 360 E. 5th St., Cincinnati, Ohio. This firm has just published the most magnificent book devoted to vehicles and horse equipment ever issued. Send for free copy.

There are thousands of horse owners who owe their success to the use of ABSORBINE. Animals suffering with swelling, soft bunches, bog spavins, thoroughpins, shoe boil, capped hock, enlarged glands, contracted tendons, lameness of all kinds, etc., have been made sound, and sold at considerable profit after using ABSORBINE. Write for free pamphlet giving information. W. F. Young, P. D. F., 102 Temple St., Springfield, Mass.

THE LOW HANDY WAGON HAS THE BEST OF THE ARGUMENT

With the coming on of hard summer work, the advantages of the low-down handy wagon become more and more apparent. No one who has ever used one or has seen them in use, can fail to see the disadvantages.

In advocating the use of low wagons, the mind naturally turns to the Electric Handy Wagon, manufactured by the Electric Wheel Co., Box 54, Quincey, Ill. So many of these wagons have been sold that they are becoming a familiar sight in the country. They are so well built, are so strong and their lasting qualities are so great that we are fully persuaded one should be found on every farm.



HARVEST THE CORN STALKS AND SELL MORE HAY

CORN stover has a feeding value almost equal to timothy hay if the crop is harvested at the right time—just when the corn is ripe—untouched by frost. This has been proven by agricultural authorities and thousands of practical farmers.

This means a by-product from your crop of ear corn almost equal in feeding value to the grain itself. With an average yield you will get about three tons of roughage to the acre; almost as rich in nutrients as good timothy.

On the other hand, if you leave these stalks standing in the field beyond the time of ripening they soon become little more than woody fibre—the frost and wind and rain leach away all the valuable food elements.

An I H C Corn Binder

—whether it's a Deering, McCormick, Milwaukee, or Osborne, cuts and binds the corn and delivers it in bundles, all ready for shocking, in just a fraction of the time required by hand cutting.

Each of these machines is constructed on principles worked out after years of careful experimenting and is made of materials that mean utmost strength and durability. They are simple, substantial, and most efficient, doing good work whether the ground is hilly or level, rough or smooth, and whether the corn is tall or short. To save more time in handling the corn, and to make every pound of the stalks most profitable so the stock will consume every shred to the greatest advantage, put the crop through—

An I H C Husker and Shredder

One of these machines insures thorough shredding of the fodder and clean husking of the ears, at a wonderful saving in time and work.

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2		
	5	
		8

Magic 15 Puzzle

Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

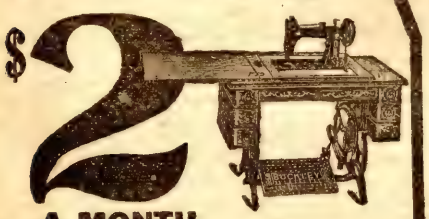
Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

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I will place a genuine latest model Buckley drop head, patent lift sewing machine with perfect silver finished attachments, ball bearing stand, all complete in your own home without a penny from you. I'll even pay the freight. I just want you to try it. If it isn't the most convincing machine offer you ever saw, I'll take it back at no expense to you. And if you buy, I let you pay a little each month and guarantee the Buckley 25 years. Write for description and my special new plan at once.

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THE GIRL AT HOME

IN MODERN days the girl in the home too often gets tired of what others, sometimes not of the most enviable history, have taught her to call the "home grind." She hears of girls that have gone to the city to become stenographers, or have accepted positions in public institutions, and she wants to "reach out and make something of herself.". She has not herself talked with the stenographer, nor with the attendant in a hospital or other institution, nor yet with a saleslady in the city store; but she has heard of them, envies their bravery and good luck in getting out into the world, and she becomes all the more tired of home. If she had talked with these girls herself she might have heard a very different story, and got a different idea about getting out from home.

One of the most popular stenographers we have ever known, and one whose faithfulness and skill commanded the highest salary and positions anywhere, said to us not long ago. "It is not right for a girl to be forced to spend her life in an office; her place is in the home and there alone can she find happiness."

We admire the ambition that makes girls want to "do something," but the home work is not a grind. The home life may be one of self-denial; many wishes may go ungratified; but there is love and confidence there, and there is a degree of independence which can not be found in any outside service. And then there is the natural passing from the old home to the new. That involves the breaking of sacred ties, it is true, but it leads to the making of ties more sacred still, and the taking of an honorable place in an honorable life. The years at home may well be devoted to preparation for this change, and the "home grind" is but a school in which the girl graduates into usefulness in the home in which she is to be the co-builder and queen.

We wish all of our girl readers every success an active life can bring them, and we honor in them respectable service of any kind; but we would discourage that abnormal ambition which would take them far from home, except as they pass happily from the old home to a new one of their own.

THOUGHTS THAT MAY HELP

IF ANYTHING painted white be washed with skim milk, the dirt will be easily removed.

It is said a teaspoonful of water added to the white of an egg will cause it to whip more quickly.

Water in which meat has been washed is better than clear water for watering plants. If very greasy do not pour it on the foliage.

How often do you clean the feed plate of your sewing machine? Take out the screw that holds the feed plate down, and lift the plate off, then with a hat pin pick out the dust and clean the needle slot. Replace the plate and return the screw; the machine will run much more easily and do better work.

If a lemon be heated well before using it, it will yield nearly double the usual quantity of juice.

If you like a rich, brown color for pie crust, brush it with cream before putting in the oven to bake.

When washing glassware in hot water, put it in sidewise and turn it quickly; it is then not so liable to break.

Cakes set on a wet cloth immediately after taking them from the oven will harden in a very few minutes so that they may be removed anywhere safely.

Canned fruit should be sweetened, at least some, at the time of canning, as half the quantity of sugar at that time will have the effect of double the quantity at the time of opening the cans for use. But do not add the sugar until the fruit is "cooked" and ready to put in the cans.

"Children Teething"

Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

TREATMENT FOR LEATHER FURNITURE

If your leather lounge or chair has grown worn and rusty, treat it as they do at the store, and it will be like new. Moisten a sponge a little in warm soapy water and wipe off the dirt that has accumulated, then wet a cloth with black ink, and go all over the rusty places, giving them a second dose, if necessary. Then when thoroughly dry, rub all over with a dressing made of two-thirds boiled linseed oil and one of turpentine, shaken well together. Let this dry in and then rub well all over the surface to remove any superfluous oil and you won't know your lounge. An old furniture man says that leather goods should be given this oil treatment about once a year, and that articles so cared for will last a third longer and look well all the time, till they are actually worn through. Even then, if the chair or couch is a tufted one, new pieces can be substituted for the worn-out ones, and the joinings will never be noticed, as they come in the creases.

DANGERS OF GASOLINE

Never forget the danger of it when you are using gasoline. It is not enough that there be no flame in the room where you are cleaning with it; the gas given off by the liquid has been known to leap twenty feet to a flame. With the doors shut, it can go through an open transom and cause an explosion. It is best to use it for cleaning only in the open air, and while a gasoline stove is next best in convenience to a gas stove, only a careful cook should ever be allowed to use one.

No Mormon

She—"But, George, you could never support two."

He—"Well, I'm only looking for one."—*Newark Star.*

WELCOME WORDS TO WOMEN



Women who suffer with disorders peculiar to their sex should write to Dr. Pierce and receive free the advice of a physician of over 40 years' experience—a skilled and successful specialist in the diseases of women. Every letter of this sort has the most careful consideration and is regarded as sacredly confidential. Many sensitively modest women write fully to Dr. Pierce what they would shrink from telling to their local physician. The local physician is pretty sure to say that he cannot do anything without "an examination." Dr. Pierce holds that these distasteful examinations are generally needless, and that no woman, except in rare cases, should submit to them.

Dr. Pierce's treatment will cure you right in the privacy of your own home. His "Favorite Prescription" has cured hundreds of thousands, some of them the worst of cases.

It is the only medicine of its kind that is the product of a regularly graduated physician. The only one good enough that its makers dare to print its every ingredient on its outside wrapper. There's no secrecy. It will bear examination. No alcohol and no habit-forming drugs are found in it. Some unscrupulous medicine dealers may offer you a substitute. Don't take it. Don't trifle with your health. Write to World's Dispensary Medical Association, Dr. R. V. Pierce, President, Buffalo, N. Y.,—take the advice received and be well.

NO MONEY DOWN—NO DEPOSIT—NO OBLIGATIONS

YOURS ON APPROVAL

30 DAYS FREE TRIAL

Take this machine into your home; use it as your own; try all its attachments, and if it is not exactly all we claim for it in every respect; if it is not handsomer, better made, more easy to run, and if it does not do better work than any machine three times its price, we will take it back and you will not be put to any expense whatever. Try it a month absolutely free; then, if satisfied, pay us only

$2.00 A MONTH Think of it! Less than other high-grade machines rent for.

Formerly sold through dealers and agents for $45 to $65. Now offered direct from our factory to you on easy payments at about one-third its old price. We have cut off our wholesalers, jobbers, dealers and agents, giving you their profits.

SAVE $25.00 TO $35.00 by buying from the only manufacturers in the world who sell high-grade sewing machines direct from factory to family. It costs you less to buy the King than to rent any other high-grade machine from a dealer or agent. The King won the gold medal, first prize, highest award at the Alaska-Yukon Exposition. The judges officially declared it to be "The World's Best Sewing Machine."

OUR 20-YEAR GUARANTEE means if the machine proves defective in material or workmanship during 20 years of service we will replace it with another machine or refund your money.

THIS PERFECT MACHINE is strictly ball-bearing; has the newest drop head automatic lift; is easy running and sews a perfect lock stitch. Among the operations it performs are adjustable hemming, hemming and sewing on lace, the French seam, frilling, tucking, binding, the French fold, braiding, darning, quilting, ruffling, plaiting, ruffling between two bands, edge stitching and piping and shirring. We positively guarantee that this marvelous variety and perfection of work cannot be duplicated by the attachments of any other family sewing machine in the world. The machine is complete and includes all the attachments.



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Write for illustrated catalogue giving complete descriptions.

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OUR FREE OFFER We will give a full dozen of these spoons free to anyone sending us two one-year subscriptions at 25 cents each; or for one two-year subscription at 50 cents. Send your subscription today and get the spoons. Satisfaction guaranteed.



Illustration shows exact size of this dainty tea spoon. You should have a dozen or more. They are free for a favor. These spoons are made of a solid white metal called silveroid. Looks and wears like silver. Highly finished.

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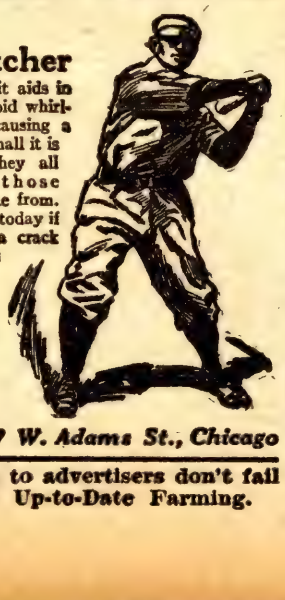
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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

I KNOW our Cadets felt the patriotic impulses of the Fourth of July, and while their parents and grandparents lived over again the great events of the past, they dreamed of still greater events for the future. There are many things that might be changed for the better. Evils have crept into some of our most sacred places, and if they are ever driven out it must be the work of the progressive moral sentiment and nobleness of character of those who are now known as young people. We have great aspirations for the future of our Cadets of Equity. Help us to educate the people into better things. We can do it if you will help us get them to read.

DEAR CADETS: I am a farmer boy 18 years old, and live on a farm in southern Indiana, where we raise wheat, oats, corn, hay, rye, cow peas, broom corn, fruit, and vegetables of all kinds. It is getting very dry here now (June 12), and our crops look like a complete failure for this season. I hope to receive letters and cards from the Cadets in the different states. I would be pleased very much to correspond with Edna M. Francis, of Ohio, and with our Russell Nicholson, of Oregon, our names are so nearly the same.— Russell A. Nicholson, Salem, Ind.

DEAR CADETS: I am a farmer boy and live on a farm of 165 acres. I like farm life the best of all. Our main crops are corn, wheat, oats and potatoes, and fruits and vegetables. We have been taking Up-to-Date for more than a year. I think every farmer ought to take it. It has the right name. I enjoy reading the Cadet letters, and the other good things it contains. I am 17 years old, and would like to correspond with some girl near my age, and would also like to exchange cards or letters with all the Cadets.—Brady J. Gatten, West Alexander, Pa.

DEAR CADETS: I take Up-to-Date and think it a fine paper, and am specially interested in the Cadet letters. I am a farmer's daughter and have been keeping house for about 3 years, for my mother is not able to do anything. We have an organ and a banjo; my neice plays the organ and I play the banjo. We like music. I would like to get cards from all the Cadets.—Laura Steadman, Fingerville, S. C.

DEAR CADETS: My father has been a subscriber for Up-to-Date Farming for more than a year, and we all think it a fine paper. I love to read the Cadet letters, they teach so many new things. I live on a farm and like farm life. We once lived in Pennsylvania, but we came to California 12 years ago. I like to live here better than in any other States; there are so many beautiful views. One Cadet writes that she would like to be a cow girl out west, but the people in the west are not wild. I enjoy horseback riding and think it a fine sport. We are having a shower of rain here today (June 5), which is unusual here at this time of year. I am 16 years old, and have a sister older than myself and a brother younger. I would like to exchange cards and letters with the Cadet friends.—Bertha Fischbein, Stockton, Cal., R. 4.

DEAR CADETS: I live on a farm of 23 acres, and we raise all kinds of grain, fruits and vegetables. I will be 26 years old October 14, and would like to receive cards and letters from all the Cadets on that day. Poor little Nellie Tipton has my deepest sympathy, for I know what it is to suffer. I have been an invalid for more than 4 years. I was at the hospital last fall, but was not benefited by an operation. I am not able to go anywhere, and have to keep the bed half the time. I hope Nellie will get well and see many bright and happy days. We may all trust in the Lord who doeth all things well.—Lois Earheart, Wytheville, Va.

DEAR CADETS: I am a reader of this excellent farm paper, and I find it very interesting. I am a Georgia girl 16 years old, and live on a farm of 200 acres. I am one of a large family. I have 3 brothers and a sister married, a brother and a sister dead, and 3 brothers and 4 sisters at home. I would be glad to hear from any of the Cadets, and will answer all.—Cora Standridge, Abberville, Ga.

DEAR CADETS: I am 16 years old, and live on a big farm of 500 acres. As a part of our crops we now have 12 acres in onions. I have 3 brothers and 6 sisters living and 1 brother dead. My birthday is August 8, and I would like a birthday card shower. I will answer all cards I get.—Nellie Robinson, McGuffey, Ohio.

DEAR CADETS: Will you admit a jolly Pennsylvania girl, 16 years old September 17, and 5 feet and several inches tall? I would like to live on a farm, and expect to do so until next fall. I like to read the letters from all over the United States, and I always turn to the Cadet letters first. I bet no one can guess what I have for pets; two dear little twin boys. They will be 3 years old in October, and I wish you Cadets could see them. I know you would laugh if you could hear them talk. I would like very much to hear from some of the boys and girls of my age. I would specially like to hear from the west.—Estie Kemp, Elk Lick, Pa.

DEAR CADETS: My father is a farmer and a boat builder, and has been a subscriber for Up-to-Date Farming for about 5 years. I love to read the Cadet letters. We liveon a farm of 90 acres, and raise corn, wheat, oats and rye, and nearly all kinds of vegetables, and many kinds of fruit, besides quite a number of pretty flowers. We have 3 horses, 4 cows and 2 little calves, and we raise chickens and ducks. We live about 3 miles from the Susquehanna river, and about a mile from a small town. The scenery around where we live is very pretty. I will be 18 years old July 16, and would like a post card shower from the Cadets.—Nellie Slicer, Colora, Md.

DEAR CADETS: I am a reader of Up-to-Date Farming, and I think it the best farm paper published. I like to read the letters from the Cadets, and I want to be a Cadet myself. I live on a farm about 4 miles from Westerly, and I like it quite well. If there are any other Brownings in the Equity list I would like to hear from them. I am making a collection of Indian relics, and have about 300 pieces, and have found quite a lot of them myself. I have a pestle, several stone axes, a lot of spear heads and some scrapers and stone drills. I suppose some of you find such things occasionally. I got me a rifle about a year ago, and go out hunting once in a while. I think hunting is great sport. I live on a 350-acre farm, so you see there are plenty of woods to hunt in. I am a member of a Baptist church, and go nearly every Sunday. I would be glad to hear from any of the Cadets.—John P. Browning, Westerly, Rhode Island.

DEAR CADETS: I am a farmers' daughter, 16 years old and we live on a farm of 160 acres, six miles south of Carmi, the county seat of White county, which is our nearest town. We live 3 miles from church and a quarter of a mile from school. This is sure a fine country. I would like for some of you Cadets to come and see me some of these summer days, and I would like to hear from you all.—Lora M. Pierson, Carmi, Ill.

DEAR CADETS: I am a new subscriber for Up-to-Date Farming, and I love to read the Cadet letters very much. I am 17 years old, and live on a farm of 100 acres, but I do not stay at home; I work out as a farm laborer. I would like to hear from North Dakota Cadets as I am thinking of going out west in the fall. I will answer all cards or letters I receive from any of the Cadets.—E. M. Fetterhoff, Ockley, Ind.

DEAR CADETS: I do not live on a farm at present, but I am very much interested in farming, for what would the city people do without the farmers? I think a farmer's life is the happiest, and the only life. I have been working for a farm implement manufacturing company, and I certainly enjoy the work. I am 17 years old, and will be pleased to correspond with any Cadets.—Elizabeth Turner, Peoria, Ill., Gen. Del.

DEAR CADETS: I have been taking Up-to-Date for 9 months, and have been very interested in the Cadet letters. I am 14 years old, my birthday being October 9, and I will expect a post card shower. I have made two clubs of subscribers for Mr. Everitt, and I thank him for the pretty cards he sent me. June 17 our wheat field caught fire and burnt nearly half of our wheat, together with four or five acres of neighbor's wheat. If my oldest brother had not thought of the plow we would have lost all of our wheat, and probably our house and barn, and I guess our neighbor would have lost almost all of his wheat. In fighting fire in a field always think of the plow. I would like to exchange cards and letters with any of the Cadets.—Lillie M. Goss, Deray, Mo.

DEAR CADETS: I am 15 years old today; am 5 feet 2 inches tall, and weigh 150 pounds. I live on a farm of 200 acres, and have always so lived, hence I know nothing of city life. I have 3 sisters and 5 brothers. My sisters and brothers are all married, though I have one brother dead. We have 175 chickens, 5 horses, 3 cows, 15 sheep and 10 hogs. We raise all kinds of fruit and vegetables and grain. I would like to correspond with any of the Cadets. —Viannia Eva Lena Huff, Lee, Ky.

DEAR CADETS: I am 14 years old, and live on a farm. Our crops are wheat, corn, oats and flax. We have 8 horses, 11 cows and calves, and 18 hogs. We have taken Up-to-Date for several years. I will answer all cards I receive.—Grace Gresham, Jasper, Mo.

DEAR CADETS: I have become very much interested in your letters, and that makes me wish to join you. I live in the central part of California, and it is a very nice country here. I am 10 years old, and enjoy playing baseball and marbles. I like to read the letters, and would be glad to hear from some of the Cadets near my age.—Albert Tischbein, Stockton, Cal.

DEAR CADETS: I come from the Prairie State. My mother has been taking Up-to-Date Farming for more than two years; we think it a fine paper. I live on a farm of 240 acres, and we have 9 horses, 6 head of cattle and 50 sheep. I am 13 years old, and would like to exchange cards with any of the Cadets.—Carrie Barger, Blanchard, Ill.

DEAR CADETS: I live on a farm of 360 acres, of which 120 acres are tillable. We raise corn, potatoes, rye and oats in the field, and vegetables in the garden. Our fruit is apples, plums, strawberries, etc. We have 5 horses, 22 cattle, and about 225 chickens. I was 11 years old June 24, and I would be very glad to hear from any of the Cadets; will answer any mail I receive.—Sybil Pratt, Friendship, Wis.

This time I have made room for every letter we have received since last issue; not that we have had more room, but that we have received fewer letters.



ALL THE NEW SONGS AND MUSIC 10c

Oh You Kid	Tittle Tattle Tale	He's a Cousin of Mine	I'm Tying the Leaves So They Won't Come Down
Baby Doll	Sweetheart Days	Yankee Doodle Boy	I'd Rather Two-Step Than Waltz, Bill
My Pony Boy	Somewhere	Not Because Your Hair is Curly	I Don't Know Where I Am Going But I'm On My Way
Dreaming	When I Marry You	Give My Regards to Broadway	Come Along, Little Girl, Come Along
Somewhere	I Wish I Had a Girl	My Wife's Gone to the Country	Call Me Up Some Rainy Afternoon
Rainbow	In the Sweet Bye-and-Bye	Waltz Me Around Again Willie	Any Little Girl That's a Nice Little Girl is the Right Little Girl for Me
Red Wing	Shine on Harvest Moon	Roses Bring Dreams of You	Will You Love Me in December as You Do in May
Navajoe	Can't You See I'm Lonely	Take Me Out to the Ball Game	[Way Home
School Days	If I Only Had the Nerve	O'Brien Has No Place to Go	Longest Way Round is the Sweetest
Ida Ho	Would You Care	Good Bye My Lady Love	Just a Gleam of Heaven in Her Eyes
Casey Jones	You're a Grand Old Flag	By the Light of the Silvery Moon	Wait Till the Sun Shines Nellie
Mandy Lee	Always in the Way	Put On Your Old Grey Bonnet	Has Anybody Here Seen Kelly
San Antonio	Pride of the Prairie Mary	Next to Your Mother Who Do You	Won't You Come Over to My House
Silver Bell	In Dear Old Fairy Land	That's How I Love You [Love	Just Because I Loved You So
Any Rags	Down On the Farm	I've Got Rings on My Fingers	
Teasing	Why Don't You Try	How Do You Do Miss Josephine	
Blue Bell	Honey Suckle Time	I Wonder Who's Kissing Her Now	

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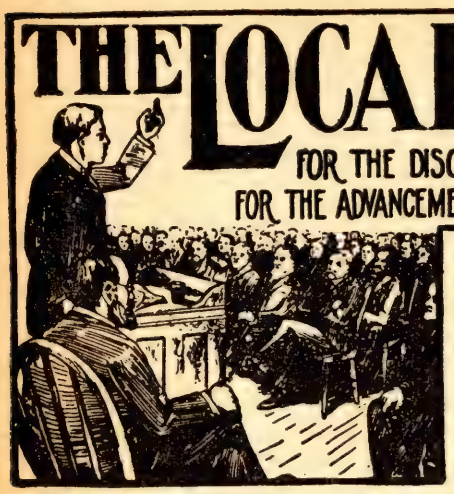
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This is a serviceable, 16 size, men's or boys' watch, one of the best of the popular priced watches made. With each watch we send you the manufacturer's *One Year* guarantee. Watch is *Gun Metal* finish, *Stem Wind* and *Stem Set*, with second hand. We will send it to you by mail, postage paid, and

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UP-TO-DATE FARMING, Indianapolis, Ind.



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

Too many farmers have not put aside childish ways.

—o—

For instance, they used to play "Blindman's Bluff"—with a blind over the eyes grope around in the dark trying to catch some one. You know with that handicap how easy it was for the pursued to elude you and the pursuer was rarely successful.

—o—

That was a great child's game, and we believe it always will be. But it should not be carried to manhood and womanhood and applied in our business affairs.

—o—

Far too many farmers still permit themselves to be blinded by conditions as they exist. They grope about for a price for their stuff, dodging here and there until, at last, in disgust or desperation, a plunge is made only to miss the delusive profit.

—o—

In the old game sometimes a little light would penetrate under the blind and this would lead to the coveted object. So, in the present day, a little light is penetrating the gloom of the old marketing system and many farmers now capture the coveted, profitable price, through more rational marketing.

—o—

These are the farmers who are going to revolutionize the business of agriculture at its marketing end. Encouraged by their refusal to dump at unprofitable prices, and by their success through waiting until the demand seeks their produce and paid their price, others and others will do the same until enough supply is controlled to affect the price of a crop as soon as it is harvested.

—o—

For instance, compare 40 to 45 cents for corn in the first six months after harvest with 65 cents now. Did it pay to take the advice of this paper, advice based on a common sense view, that the more intelligent farmers are not in business merely to produce stuff, but to sell it at a profit, also; or oats at 30 to 33 cents for ten months of the crop year with 47 to 50 cents now, before the next crop is ready to supply the demand; or potatoes at 20 to 30 cents, with 60 cents to $1.00, and all for the same crop produced under the same conditions; or beans at $1.50 to $1.75, with $2.00 to $2.50; or hay at $15.00 to $16.00 a ton, with the same grade at $20.00 to $21.00.

—o—

We claim that if the relation of supply and demand is such as to justify a fair, equitable, profitable price for any part of a crop, then that price could have been received for every pound, bushel or bale of the crop, if the first owners would have held for it.

—o—

The price that the demand ought to pay, under the old order of things, is automatically expressed months after the crop has been harvested. Witness the behavior of corn, oats potatoes, beans, hay, etc., of the 1910 crops. The price that the demand ought to pay can just as well, and more accurately be decided by human agencies as soon as a crop is produced, if that human agency exists.

—o—

It means an organization of producers of the crops that makes it possible for them to report their crops and enable the agency to set them down and know where they are. Only that and nothing more.

—o—

Such an organization the Farmers Society of Equity aspires to be. Such an organization it can be in a few months IF one or more men or women in each community will lend a little aid.

—o—

This paper circulates in practically every county in the country. It has subscribers at about one-half of the postoffices in the country.

—o—

Now, if the editor would say that he wants to pay $7.50 to over $100.00 to one person for each town or city, where the paper circulates, and that the first person who applies will get the money, would there not be a scramble to get the names in first?

—o—

Well, we do not make that proposition, but the Farmers Society of Equity does authorize us to make a proposition, that amounts to practically that.

—o—

For instance, it seeks a representative in every community surrounding a market town or city or shipping point. The representative needs no further qualifications than he has acquired from reading this paper. With the instructions that will be sent a sum of money within the above limits can be earned so easily that it will be almost like a free donation.

—o—

The behavior of prices the past season should be an eye-opener to every farmer. But that is not enough. The human agency must be established so the price may be expressed as soon as the crop exists and before any of it passes into the hands of speculators and exploiters.

—o—

Leave the game of "Blindman's Bluff" to children and men who persist in continuing childish tactics in their business affairs, and let readers of Up-to-Date do things as other successful men do them.

—o—

Send the Application Blank below and learn how to represent the F. S. E. and earn the money easier, we believe, than any other money you ever earned and at the same time benefit yourself more, and confer a greater benefit on your community than can come in any other way!

—o—

We have been publishing this paper for years to fit a great army of people to do this very thing. The people are qualified now. We now call for enlistments for the war. Remember, the general benefits and do not forget the direct money benefits that each will receive who offers to enlist and is accepted.

—o—

The penalty for delay, you may argue, will not be very heavy in your individual case, in the 1911 crops you will have to sell. But how about the compensaton offered you? No matter how busy you are you can do all that will be asked of you almost without missing the time. Are you going to pay such a penalty of delay?

—o—

We advise you to fill on the blank and send it in by return mail.

—o—

In this great movement there are positions calling for all degrees of ability, and returning every degree of reward, as you see in other great institutions and enterprises.

—o—

Who knows, you may be one of the people to fill such a position of honor and excellent remuneration.

—o—

Send the Application Blank.

Application Blank

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I am a reader of Up-to-Date Farming and read your call for representatives in the July 15th number. I ask you to send your proposition how I can end the game of "Blindman's Bluff" in the business of marketing our crops in this community and how I can earn from $7.50 to $100.00 or more without any particular tax on my time, or multiplied times as much if I devote my time to your business. I give you the following information about myself:

My age is ..... years. My Business is ..... Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile?..... How much time can you give to our work if it is profitable?..... I want to represent you in the community, or communities surrounding the following town, towns and cities. (Each one must be a market town or city or shipping point) .....

.....

.....

My Name is .....
My Postoffice is .....
County .....State .....
I market at .....

OUR PHOTOGRAPH DEPARTMENT

The manager of the photographic corps in Nebraska, Mr. Church, has this announcement to make to subscribers in and around Adams county, Neb.:

Our foreman in the finishing department recently reported all orders filled some time ago, and we accepted the report as correct. But an investigation, induced by a few complaints, revealed the fact that a batch had been overlooked. I at once put on an extra force to bring all business down to date. Should any person not have received either the paper or photographs it should be reported to us at once—H. H. Church, 205 Tenth St., Des Moines, Ia. Name and address, date and number of plate should be given so we can locate the negative.

Headquarters in Nebraska have been established at York, in York county. The present staff is Mr. J. Swanson, foreman, C. C. Dawson, C. E. Black, P. C. Harvey and Ross Morris. Should any of these gentlemen call on you and present the card of Up-to-Date Farming, and want to take a picture of your home, the favor will be appreciated. It will place you under no obligation to subscribe for our paper, or buy any photographs.

We also have a corps working out of Des Moines, Ia. The Kansas department has not taken the field yet, on account of the severe drought in that state.

H. H. Church, Mgr., Des Moines, Ia.



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: (1) *This (Colorado) is an equal suffrage state. Now, if we can not take women into the Farmers Society of Equity I don't see how we are to organize successfully.* (2) *Our chief market point is Denver, please give me the address of the Society's representative.* (3) *You say, organize only at market towns. Our market town is nine and one-half miles away. May we organize a local out here. There are very few farms around our shipping point.—Fred I. Garland, Elbert Co., Col.*

ANSWER: If the woman is the head of the farm (the farmer), admit her on exactly the same terms you would a man. Women, wives or daughters of members should be admitted as *special* members. Headquarters does not set any membership fee for such, but each local union shall decide the fee, also the dues, and it shall go into the local union treasury. (2) We have sent you the Diectory of Market representatives and instructions. (3) Under such circumstances you may organize at your home town. But if there are other producing valleys or sections around your market town you must eventually join with other producers in maintaining the local at the market place. This will be necessary so the secretary can attend to all the business of the farmers of the community. You see, if it were otherwise there would be two or more local unions, consequently two or more secretaries to look after your shipments. You may, however, always maintain your

Price List

Of Supplies and Literature of Farmers Society of Equity

Members should use Society stationary in correspondence and Society tags and labels on every package of produce sold or shipped. Members and friends of the Society should purchase and circulate its literature so the education will be advanced, resulting in extending the organization.

The prices quoted below do not yield a profit. They are made low to encourage a very wide distribution.

Order by number and name.

No.	Name	Price, Delivered To You
	Third Power Book, 320 pages	
	English, good cloth binding, ea.	$ .25
	English, silk cloth binding, each	.50
	English, 25 or more, not prepaid, at 15c each.	
	German, fine cloth binding, each	.35
	German, 25 or more, not prepaid, at 25c each.	
E29	Equity Halls, circular, per 25..	.10
E36B	The Equity System of Marketing, booklet, 16 pages, per 25	.25
E51	Farmers Industrial Freedom, booklet, 60 pages, each 10c, per 25	1.00
E57	Farming Exists by Divine Right, circular, per 25	.10
E65	The Bog of Farm Mismarketing, circular, per 25	.10
E66	The Railroads and the Farmers, 24 pages, per 25	.25
E67	Speech, J. A. Everitt against the Canadian Agreement, per 25	.25
E73A	Practical Community and National Co-Operation, booklet, 24 pages, per 25	.25
E73	Farmer Silas Pettibone, poem, circular, per 25	.10
E77	Produce Exchanges vs. The Equity System, booklet, in preparation, per 25	.25
E78	F. S. E. Analogous to Christianity, folder, per 25	.15
E79	F. S. E. A Friend to All, folder, per 25	.10
E80	Constitution and By-Laws for Elevator or Warehouse Ass'n, booklet, per 25	.25
E81	Open Letter to President Taft, circular, per 25	.25
	Sample Copies of Up-to-Date Farming, per 25	.25

F. S. E. Stationary *Price Includes Delivery*	*One Color*	*Two Color*
100 letterheads and 100 env...	$1.50	$2.25
250 letterheads and 250 env...	2.25	3.00
500 letterheads and 500 env...	3.75	4.75
100 noteheads and 100 env....	1.25	1.75
250 noteheads and 100 env....	2.00	2.75
500 noteheads and 500 env ...	3.50	4.50

F. S. E. Union Labels and Tags	Per 100	Per 1,000
Shipping Tags	$ .50	$2.00
Gummed Labels	.50	2.00
Rubber Stamp for printing the Union Label, with ink pad, 2 1-4 inches diameter		.75
3 inches in diameter		1.00

When tags, labels and stamps are ordered for individual members the name, address and local union number will be included in each.

Terms cash with order.
Send all orders to
FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.



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Trained Salesmen make from $1,200.00 to $10,000.00 a year and expenses. Hundreds of good positions now open. No former experience needed to get one of them. We will teach you to be a Salesman by mail in eight weeks and assist you to secure a position where you can earn a good salary while you are learning. Write today for free particulars about how to get one of the hundreds of good positions we now have open, also testimonial letters from hundreds of men we have recently placed in good positions. Address nearest office, Dept. 186

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New Orleans, Seattle, U.S.A.

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procured and sold; all countries; there is excellent demand for improvements in all lines; simple ideas get the money; get my free bok on patents; send sketch of your idea. **H. J. SANDERS, Crilly Building, Chicago, Ill.**



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This outfit as illustrated is needed by every man. It is a big bargain. If pieces were bought separately it would cost several dollars. Outfit consists of 10 pieces: 1 hollow ground razor, 1 lather brush, 1 razor strop, 1 nickel easel back mirror, 1 33-inch barber towel, 1 bar shaving soap, 1 box talcum powder, china mug, 1 aluminum comb, 1 bristle hair brush.

Anyone can get this fine outfit by doing us a little favor; costs no money. Send your name and address and we will tell you how easy it is to get.

UP-TO-DATE FARMING
INDIANAPOLIS - - - INDIANA

home local for all the advantages it may be for your community.

Q. *Crops are very poor here on account of the drought. We may not have much to sell. Can we use the local union to advantage in buying fertilizers, etc?—G. W. Kegley, Wythe Co., Va.*

A. Certainly. Buy everything co-operatively through the local union. We advise giving the home dealers an opportunity to bid on your needs.

Q. *We used to have a club of farmers here but there did not appear to be enough benefits to keep the members interested. Now I feel sure if we can find a little encouragement and benefits in marketing our crops all would become interested and we could have a fine union. Will you kindly send the addresses of some of the Equity markets.—Mrs. P. Hankerd, Jackson Co., Mich.*

A. We send you the list of Equity markets, but the confidential directory of representatives and the "Key" for using the markets are for members and local unions of the F. S. E. only. We also send you instructions for organizing.

Q. *We are about to organize a local union here and one of the objects that is being discussed is whether we will build an elevator. There is a good elevator here now.—E. C. Kinkaid, Boone Co., Ind.*

A. Don't be in a hurry to undertake to build an elevator. Organize, and get ready to do business and then go to the owner of the present elevator and see if he will make satisfactory terms to handle your grain. If he will not then will be the time to buy his elevator or build one. He will have no use for an elevator unless you furnish him grain. See?

Q. *Is a member of a local union required to market everything at the town where he belongs?—Many Members.*

A. No, A member in good standing is privileged to market through any local union, anywhere in the country.

LADIES SOCIETY OF EQUITY



President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

AN APPEAL TO FARM WOMEN

When I write to *Up-to-Date Farming* I know that I speak to farm women in all conditions of life on the farms of America. Some live in country homes surrounded with all the comforts and many of the luxuries of modern life. Others there are who are struggling on a new farm, or a poor farm, or more likely a badly managed farm, and they know little else than drudgery. Under these conditions many bright minds are cast down and dwarfed. But to all women on the farms this Ladies Society of Equity may be very beneficial Women crave companionship. We must have social intercourse or we suffer mentally and sometimes physically. Through our Society the needs may be met.

The objects of this Society are:

1. To unite in fraternal bonds all acceptable women.
2. To improve the mental, moral, social anl financial condition of its members.
3. To extend fraternal care to one another in sickness, misfortune or distress and to families in bereavement.
4. To favor each other in business and to co-operate with the Farmers Society of Equity to secure Equity in all business with other people.

Where locals of the L. S. of E. are established the members are enjoined to faithfully attend the meetings and spare no pains to make them interesting so that others, young and older people, will attend. Every local union properly conducted is a school of progress.

It seems to me the object of this Society should find favor with every intelligent women. Yet some who have had the opportunity to connect with the Society evidently have failed to understand the benefits to be gained through association with the members of the L. S. of E. To such I recommend what a writer says of women's clubs: He said:

"Within a few years the lives of women have broadened and deepened through the medium of her clubs. The clubs have demonstrated that with the opportunities, development and usefulness of women are almost without limit. They have taught women how to manage her own home better while she now has a large share is many of the affairs of life. A few years ago a woman who joined anything but her sewing critic was conspicious.

"Woman of today has advanced until she takes a part in the most serious undertakings for the intellectual and moral alvancement and the material good of the community. The horizon has widened and the plane of life has been made larger by her contact with other women; she has been made more humane by a knowledge of humanity's needs, and the achievement of other workers has inspired her to efforts not thought of before. The woman who has a home life has found that she may yet keep in touch with the interests of the outside world and give her goods to those who are less fortunate. The woman who knows the treadmill of life, and has seen only the other side, has learned that by co-operation her own life holds possibilities for improvement, beauty and helpful-



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TIRES, coaster brake rear wheels, lamps, sundries, parts and repairs for all makes of bicycles *at half usual prices. DO NOT BUY* until you get our catalogues and offer. *Write now.*

MEAD CYCLE CO. Dept. P178 CHICAGO

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$5.00 Safety Razor for Only 97c



Beautifully silver plated with stropper, handle and holder, a full set of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade $5.00 outfits sold in stores. Remember this Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States.

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Be sure to investigate our proposition—it costs you nothing. This means a fortune to some men.

No applicant accepted under 21 years of age or older than 60 years. Write today—now—to Application Dept. E

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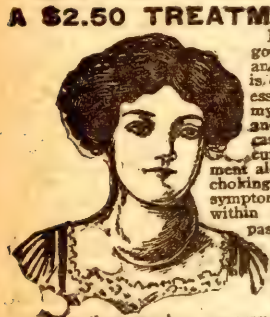
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EQUITY PUBLISHING CO., Indianapolis, Ind.

ness which she knew not until the example had been set."

Thus we see power of co-operation and social intercourse. So come and join our L. S. of E and let us all unite in working for Equity.—Anna M. Fox, East Jordan, Mich., Secretary of Goldenrod local union.

LADIES' SOCIETY OF EQUITY

The ladies of Golden Rod local, L. S. of E., entertained the Whip-poor-will local of the Cadets of Equity, with a picnic on July Fourth, in a grove on the beautiful banks of Intermediate Lake, Antrim Co., Mich.

Tables were spread and at one of them fifteen happy Cadets were seated. After dinner the Cadets gave a march with the Goddess of Liberty leading, banners flying and with music. Several recitations and songs were given. Mrs. Culbertson gave a good talk on Michigan, and said many good things for our farmers, and reminded them of the great and good work that is being accomplished in Michigan through a strong organization of the Farmers Society of Equity.

The speaking over, boats were waiting on the lake, and the Cadets and ladies were treated to a boatride, thus closing a very delightful day and one to be pleasantly remembered.—*Cadet.*

1911 Campaign to Organize Farmers

(Continued from First Page)

In Farm Journal we find the following credited to Prof. Campbell Russell, of Oklahoma State Board of Agriculture. The idea is a good one and it, like every other local enterprise, can be carried out to the perfect results through a local union of the Farmers Society of Equity:

"Every agricultural community should have an Acre Club. Get a number of interested farmers to join the club and select some crop of which they will cultivate one acre for the coming season, producing as nearly a perfect crop as possible. Let each member select a different crop and keep a written account of when and how his acre is prepared, planted and cultivated. When the crop is ready to harvest, invite the other club members to come and bring their wives and take dinner. The women will not want for entertainment while the men gather the crop from the acre and weigh or measure same. After dinner hear the report of how this crop was produced. Figure up and see how much per bushel, bale or ton it cost to produce it. Have a general discussion and criticism of the methods; go home and compare results with your own crop. When the next member's acre is ready to harvest, repeat the performance.

You will go home from each successive harvest a little better prepared to meet the problems of farm life, and you will be better friends to the neighbors with whom you have spent a pleasant day and gotten better acquainted. Of course, each member will secure the best possible seed for his acre, and also the bulletins from the State and the United States Departments of Agriculture on the cultivation of his particular crop; he will also watch the agricultural journals for any pointers that will aid in producing better results. There need be no expense for the club, and there will be no loss of time, for every day so spent will certainly draw a nail from your coffin.

And here is even another idea from the truly Progressive Farmer. We can not refrain from calling particular attention to the practicability of this scheme in communities organized on the Farmers Society of Equity plan and marketing through the Equity System. Then all the farmers surrounding the town, where the marketing and shipping are usually done, are joined together in the union and butter, eggs, fruit, grain, stock or some other produce will be delivered once, or oftener each week. The number of families will be from fifty to over five hundred. The local union could have its own laundry, or the established laundries could do the work. But read what the editor of the Progressive Farmer said on "The Co-operative Laundry" idea:

We are devoting considerable space in this issue to a discussion of laundry work. A number of our readers are contributing hints and helps which will no doubt be of great value to other housekeepers. We wish in this connection to call attention to the need of co-operative laundries in the country districts. Washing and ironing clothes is hard work, and there are few farm homes properly equipped for it. Reliable help is also becoming harder to obtain in many sections, and often women who are really not strong enough to do this work are compelled to do it, or else pay unreasonable prices for poor work. The housekeeper in town can send her clothes and household linens to the laundry and have no further worry about the business. The housekeeper in the country can seldom do this, simply because she is out of reach of the laundry. It seems to us that the establishment of co-operative laundries in thickly settled rural districts would be easy and profitable. A very simple building would answer, the equipment would not cost a great deal, and in most cases all the work could probably be done in one or two days out of each week. Each housekeeper could thus send her clothes, have them done up, get them back with very little trouble and pay her proportionate part of the actual running expenses. The cost would not be great. Indeed, in most cases it would probably be far less, all things considered, than at present.

Country Booster Clubs

A writer for Wallace's Farmer makes the following suggestion for local co-operation:

We can well learn some useful lessons in "boosting" from our city cousins. Why should there not be Booster clubs in the country? A township organization of this sort that would meet say once a month to consider things of general interest to the township could in a short time stir up a community interest that would do a great deal for that township. It would soon become known as the best township in the county. The schools would be improved, the roads would be better, the farms would be better improved, there would be more social life, land would increase in value, and everybody would benefit. It would be a fine thing if the country could catch the "boosting" fever that is now found in every live western city.

The Progressive Farmer taking above as a text, preached another little sermon of its own on co-operation, as follows:

Why shouldn't your local union set about bringing these things to pass? Farmers in every county should set to work to get (1) better public schools, (2) some improvement in the roads, and (3) the services of a county superintendent of schools and a county superintendent of health. There are many other things they may work for, but these are good to begin on. If you get good schools, good roads, and good health conditions, you have the foundation right.

Then with township clubs organized, the next step should be to develop healthy competitions at a county fair. Let some special recognition be given the township that has done most for its roads; the one that has done most for its schools; the one where the greatest proportion of farmers have painted their houses; the one where the greatest proportion of farmers use two-horse plows; the one where the most gasoline engines have been introduced, etc., etc. A banner might be provided for the winner in each case.

Certainly, let us organize these township boosting associations. Call yours the "Jones Township Betterment Club," or "Progressive League," or the "Smith County Development Club," or anything of the kind.

The towns have found the value of organization, now the country must also.

DEEP WELLS

Both humanity as well as the domestic animals need the purest drinking water. This means the boring of hundreds and sometimes a thousand feet or more with attendant expense. One should not hesitate to make this wise provision. It is only a plain duty which the true man owes his generation. As a business proposition it adds far more value to one's real estate than the first cost; and good interest is earned annually on the investment by reason of having pure water.

Catalog No. 120, issued by the American Well Works, Aurora, Ill., is free to all who will write them for it. It tells all about deep wells and well machinery.

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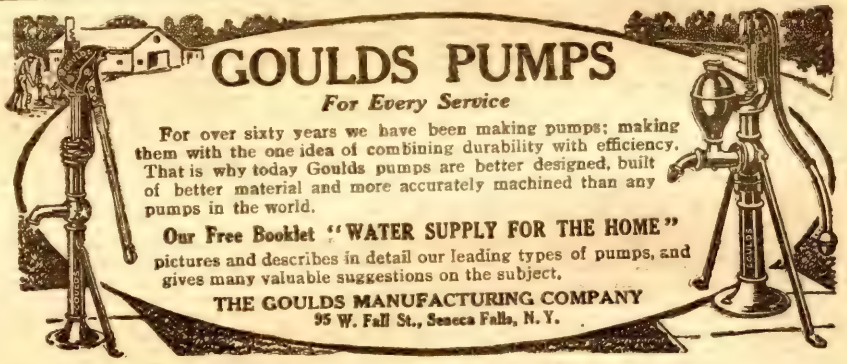
No Rest

"Are you in favor of woman suffrage?" she asked.

"Oh, yes! Enthusiastically," he replied.

"Now, I wish you would tell me why you think women ought to forget their children and their household duties and get out into the world to mix up in political affairs. If you know of any good reason——"

"Good heavens! I beg your pardon. I merely said I was in favor of it to avoid arguing with you. Can't a man be safe on any side any more?"—The Housekeeper.



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before the law—but it costs money to go to law. You need not go to law to get full value of your products if you weigh them on your own scale. Buy the best and your word is law. Buy from me because for forty-six years I have been fighting for you against trusts and dealers alike, who say that because I think your money should buy as much as any dealer's, they will put me out of business. We need no agents you and I. When you tell me what scale you need I will offer you mine on approval—guaranteed to suit—warranted to be standard and at the same price that your dealer would pay me. No better scale is made—no good scale is sold for less. My offer is free and saves you money.

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I have several fine farms in Pulaski County, Indiana, only 85 miles from Chicago, the world's greatest market. These farms are improved. Soil is rich loam, very productive, well drained. Produce 18 to 35 bushels wheat; 50 to 90 bushels corn. Located in the famous Tippecanoe River valley.

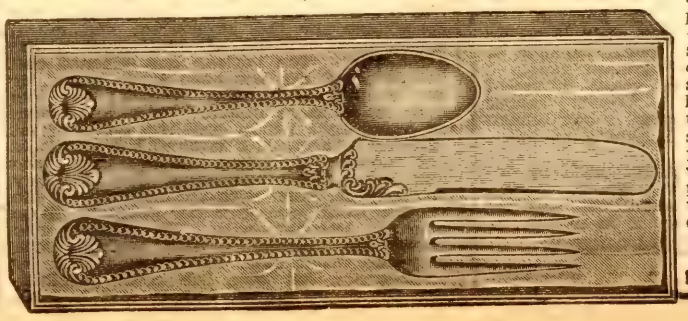
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FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

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43 VARIETIES. Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, Hogs. Catalog 2 cents. Missouri Squab Co., St. Louis.

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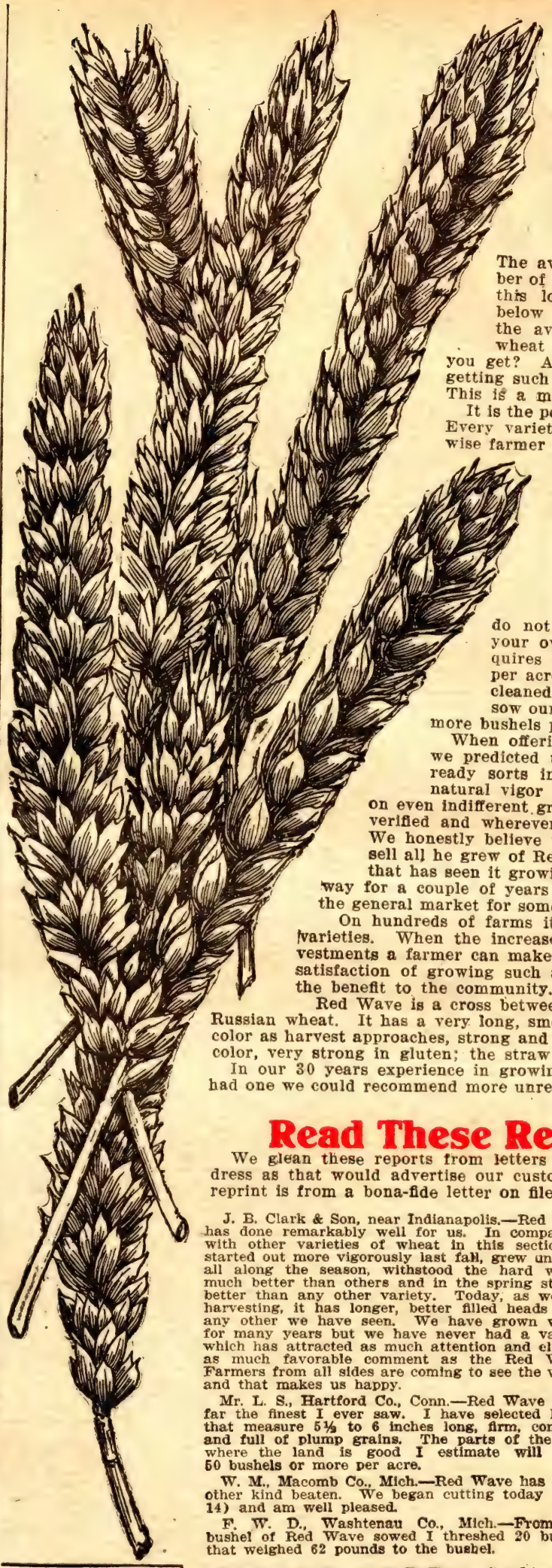
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RED WAVE

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It is the poorest kind of economy to sow runout varieties of wheat. Every variety runs out—dies—in time, just like people do. The wise farmer will watch when that time comes and will not continue growing a variety after it is in its decline. There is no better way to determine this than to sow the new, vigorous Red Wave, with new blood, alongside of your old kinds. In this way, an occasional small investment will keep any farmer up-to-date with the best grain and it will mean hundreds and thousands of dollars extra profit each year with no more work. We claim our seed wheat is not an expense but an investment.

When you sow our well-graded and cleaned seed wheat do not count its cost as all cost. You save the value of your own wheat, which you would have used. Our kind requires only 1 1-4 bushels per acre—yours 1½ to 2 bushels per acre. Besides, to extra clean yours costs time and wheat cleaned out. In fact, it costs very little more, if any, to sow our new, hardy sorts, and the extra yield will return many more bushels per acre.

When offering Red Wave wheat for the first time two years ago we predicted that it would be one of the most popular rough and ready sorts in cultivation. We meant that it possessed so much natural vigor that it would withstand hard seasons, bad usage and on even indifferent ground make surprising yields. Our prediction has been verified and wherever it was grown it is taking wheat growers by storm. We honestly believe that there is not one of our customers but what will sell all he grew of Red Wave for seed at a high price. Every wheat grower that has seen it growing and threshed wants seed. And it will be the same way for a couple of years more. Very little of this wheat will find its way to the general market for some time.

On hundreds of farms it yielded 10 to 20 bushels more per acre than other varieties. When the increased yield is considered it really is one of the best investments a farmer can make to get seed of the Red Wave. But then there is the satisfaction of growing such a reliable wheat, the profit in selling it for seed and the benefit to the community.

Red Wave is a cross between Early Red Clawson and an unnamed cross breed of Russian wheat. It has a very long, smooth head; grains medium long, large, firm, amber color as harvest approaches, strong and stands medium to tall, has thick walls, clean, golden color, very strong in gluten; the straw grows up splendidly.

In our 30 years experience in growing and introducing new improved wheats we have not had one we could recommend more unreservedly to winter wheat growers than Red Wave.

The Top Bushels are Profit

Strive for the top bushels. It costs so much for seed, cultivating and harvesting, whether you raise 15 bushels per acre or 40. Good, vigorous seed will increase your yield. Costs very little, if any, more than your own seed. Every added bushel means extra profit for you. Begin to make more this year with the help of our improved seed wheat.

Read These Reports From the Field

We glean these reports from letters from customers. We do not give full name and address as that would advertise our customers seed to the detriment of our own business. Every reprint is from a bona-fide letter on file in our office.

J. B. Clark & Son, near Indianapolis.—Red Wave has done remarkably well for us. In comparison with other varieties of wheat in this section, it started out more vigorously last fall, grew uniform all along the season, withstood the hard winter much better than others and in the spring stooled better than any other variety. Today, as we are harvesting, it has longer, better filled heads than any other we have seen. We have grown wheat for many years but we have never had a variety which has attracted as much attention and elicited as much favorable comment as the Red Wave. Farmers from all sides are coming to see the wheat and that makes us happy.

Mr. L. S., Hartford Co., Conn.—Red Wave is by far the finest I ever saw. I have selected heads that measure 5½ to 6 inches long, firm, compact and full of plump grains. The parts of the field where the land is good I estimate will yield 50 bushels or more per acre.

W. M., Macomb Co., Mich.—Red Wave has every other kind beaten. We began cutting today (July 14) and am well pleased.

F. W. D., Washtenau Co., Mich.—From one bushel of Red Wave sowed I threshed 20 bushels that weighed 62 pounds to the bushel.

J. H. C., Morgan Co., Ill.—I sowed 30 bushels of Red Wave on 19 acres and threshed 1,099 bushels, one-half of the field averaged 50½ bushels and the other half I fertilized, averaged 55 bushels per acre. The wheat is the finest I ever raised and tests 62 pounds. Just before cutting many people in the neighborhood called to see it and they all pronounced it the finest field they ever saw.

E. W., Oakland Co., Mich.—I raised one acre of Red Wave wheat and it yielded 35½ bushels. Very satisfactory.

W. S., Wabash Co., Ill.—I sowed ½ bushel on ½ acre and threshed 15 bushels of as fine wheat as I ever saw.

W. S. H., Calhoun Co., Mich.—I sowed 2½ bushels Red Wave on 1 2-3 acres and threshed 60 bushels. (36 bushels per acre.) I am entirely satisfied with it.

G. A., Washtenau Co., Mich.—I sowed 5 acres of Red Wave and threshed 184 bushels and have a load of rakings unthreshed. It yielded more than my other variety.

S. T. D., Knox Co., Ind.—Red Wave has grown very tall; some of it six feet high. It got badly torn by hail June 4. I like it very well. It has been estimated to make 40 bushels per acre. Heads from 4 to 8 inches long; from 10 to 13 meshes on a side.

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By mail postpaid, 1 lb. 30 cents; 4 lbs, $1.00. By freight or express, not prepaid, ¼ bu. $1.00; ½ bu. $1.50; 1 bu. $2.50; 1 bag (2½ bu.) $5.50; 2 bags (5 bu.), $10.00. More than 5 bushels at $2.00 per bushel. We do not charge extra for bags.

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There are only two ways about it--either it will or it won't. We say it will, but we leave it to you to judge. You are the one to say YES or NO. We give it to you to try, without a penny, enough to try for a month, and if you try it and say "No" that ends it. If you say "Yes" it means you have found the thing you have been looking for, the right medicine at last; it means you have found new life, new strength, a new joy in living in a new state of health. We want to send you a dollar box of Bodi-Tone on trial in this way. Isn't it fair? We know how Bodi-Tone makes health in the Body and think your verdict will be "yes." We want it to be "yes," but you are to be the judge. You are the one to say YES or NO. It is all left to you. When you have tried it you will know why we can make such an offer. When it has cured you, you will bless the day you read this advertisement.

Bodi-Tone

does just what its name means—*cures disease by toning all the body*, and we want you to try a box at our risk and see what it will do for *your* body. Bodi-Tone is a small, round tablet, that is taken three times every day. Each box contains seventy-five of these tablets, enough for twenty-five days' use, and we send you the full box without a penny in advance, so that you can try it and learn what it is, so you can learn how it works in the body, how it *cures stubborn diseases* by helping nature to tone every organ of the body. Tone is a little word, but it means a great deal, everything in health. When all the organs are doing their part, when each is acting in a perfectly natural and healthy manner, when the energy, strength and power of resistance to disease are all at a natural point, then the body is in proper tone. When disease has attacked any part, the tone of the entire physical body should be raised to the highest possible point, to make all the body help in the cure. This is the power which underlies all of Bodi-Tone's great work for the sick, this is the power it offers you to help you get new health and strength.

Not a Patent Medicine

Bodi-Tone is not a patent medicine, for its ingredients are not a secret. It contains Iron Phosphate, Gentian, Lithia, Chinese Rhubarb, Peruvian Bark, Nux Vomica, Oregon Grape Root, Cascara, Capsicum, Sarsaparilla and Golden Seal. Such ingredients guarantee its merit.

When you use Bodi-Tone you know just what you are using, know it is good and safe and know you are taking the kind of medicine to provide real help for the body. It is a pure remedy that satisfies the most exacting. It contains no narcotics or habit-forming drugs, nothing that your own family doctor will not endorse and say is a good thing. It does not depend on killing pain with cocaine, opium, morphine, or other dangerous drugs. It does not excite the body with alcohol, but it tones the body and cures its disorders with remedies Nature intended to tone and cure the body when that power was given them. Thus, Iron gives life and energy to the blood, Sarsaparilla drives out its impurities, Phosphate and Nux Vomica create new nerve energy and force, Lithia aids in the Kidneys, Gentian does invaluable work for the Stomach and Digestive forces, Chinese Rhubarb and Oregon Grape Root promote vigorous Liver activity, Peruvian Bark raises the tone of the entire system, Golden Seal soothes the inflamed membrane and checks Catarrhal discharges, Cascara gives the Bowels new life in a natural way, and Capsicum makes all more valuable by bettering their quick absorption into the blood. *A remarkable combination that does wonderful work for health.*

All For Health

Each one of these valuable ingredients in Bodi-Tone adds a needed element from nature to the body. Each has work to do and does it well. They are used because of this ability. We claim no credit for discovering the ingredients in Bodi-Tone, each of which has its own well-deserved place in the medical books of most of the civilized world. We simply claim the credit for the successful formula which we invented, for the way in which these valuable ingredients are combined, for the proportions used, for the curative force which thousands have found in Bodi-Tone, for the cures which make it different from other remedies. Most of these ingredients are as old as civilization itself, for the curative forces Bodi-Tone uses are the forces which have always existed in nature for the restoration of the body's health. Many are regularly prescribed in some form by the medical profession for various diseases and irregular conditions, being used either separately or in combinations with such drugs as each doctor may favor, for there are wide differences of opinion among the doctors of various schools. The *exact combination used in Bodi-Tone* is what gives it the far-reaching and thorough curative and restorative power that makes possible the remarkable cures experienced by Bodi-Tone users, cures which prove the difference between Bodi-Tone and common remedies. That is why we want to send you a box on trial, for we know you will find it different and superior.

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If you are tired of ceaseless doctor bills and wearied of continual dosing without results, *you need Bodi-Tone right now.* If your local doctor has done you no real good, if you have given him a chance to do what he can and the ordinary medicinal combinations he used have failed, give this modern, scientific combination of special remedies a chance to show and prove what it can do for you. Its greatest triumphs have been among men and women with chronic ailments who had tried physicians and specialists at home and elsewhere without lasting benefit, and for this reason all chronic sufferers are invited to *try it at our risk.*

Bodi-Tone offers its valuable services to you right now, right from this page, if you are sick, if you need medicinal help, if your bodily organs are not acting as they should, if your body is not in right and natural tone. That is what Bodi-Tone is for—to restore health, vigor, vitality and strength by restoring tone to the body.

If there is anything wrong with your Kidneys, Bodi-Tone helps to restore tone to the Kidneys, helps to set them right. If there is anything wrong with your Stomach, Bodi-Tone helps to tone the Stomach, helps to set the wrong right. If there is anything wrong with your Nerves, your Blood, your Liver, your Bowels or your General System, the health-making ingredients in Bodi-Tone go right to work and keep on working day after day, exerting always a definite action that produces curative results of the kind sufferers appreciate. If you have Rheumatism, Bodi-Tone helps to eliminate the Uric Acid from the system while it restores tone to the Kidneys, Stomach and Blood, thereby preventing a continuance of Rheumatic poison and putting new activity into muscles, nerves and joints. Bodi-Tone should be used by all women suffering from any Female Ailment, for its toning properties have been found especially valuable in such ailments. Bodi-Tone should be used by all persons whose bodies are not up to the full maximum of natural vigor, strength and vitality, for its purpose is to restore the body to its highest plane by making health in every bodily function.

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Why delay another day, when a trial of this proven medicine is yours for the asking. Why keep on suffering, when by clipping the coupon, filling in your name and address and mailing it to us, you can get a twenty-five days' treatment of this great remedy which has already restored thousands to health, which folks everywhere are talking about. It just costs a stamp and you don't pay a penny unless it benefits you. You take no chances, for the value and curative powers of Bodi-Tone have been amply proven by two years of glorious cures. It has been tested in thousands of cases, covering ailments in both sexes, at all ages.

Persons suffering from Rheumatism, Stomach trouble, Kidney, Liver and Bladder Ailments, Uric Acid Diseases, Female Troubles, Bowel, Blood and Skin Affections, Dropsy, Piles, Catarrh, Anaemia, Sleeplessness, LaGrippe, Pains, General Weakness and Nervous Breakdown, have tested Bodi-Tone and fully proven its great remedial value in such disorders.

Their experiences have proven beyond a shadow of doubt that the Bodi-Tone plan of *toning all the body* is a right plan that helps to *cure* these and other disorders, that it is *a real aid to nature.* Many who have for years been in poor health and have tried most all of the prominent medicines, have written that *one single box of Bodi-Tone* did more good than *all* the others combined. Others who had suffered for many months, and many for years, trying many doctors and specialists, found their first real benefit in Bodi-Tone, after all else had failed and hope was almost gone. It goes to the root in the body and cures because its work is rational and thorough, the only kind that makes cures permanent.

It Does More

Bodi-Tone does more than cure the disturbing disease, as hundreds of its cures have testified. Persons whom it has cured of Kidney trouble find something more than relief from pains in the back. Persons cured of Catarrh find much more than the stopping of Catarrhal annoyances. Men and women cured of Nervousness find other benefits than a mere quieting of the nerves. A change is found in the entire body, a better feeling is experienced throughout the whole system. They find they can eat and sleep better, think better and work better, have more life, spirits and energy, because Bodi-Tone has toned the entire body to make the cure. This applies to all Bodi-Tone cures, no matter what the disease, for the principle is the same in all. Bodi-Tone cures conditions which are totally unlike, all in the same way, for the body in health has but one way to act—*it goes to all the body and makes it well.* It makes up and repays for past sickness with a *strong and virile health* that is often better than the sufferer knew for a long time before sickness began to trouble. Bodi-Tone works what seems a miracle by *putting tone where tone was needed.* Send the coupon today, get a box of Bodi-Tone promptly and try it at once.

A Wreck from Accident and Disease

RICHLAND, N. Y.—Bodi-Tone has helped me more than any or all the medicines I had ever taken before. I had passed through enough to kill a man before I commenced taking it. I had been hit on the head by a falling tree, which left me with such terrible headaches at times that I was almost wild. I went down with a load of wood through a bridge, striking on my head and again injuring it, and causing my back to bother me so I could hardly get around. My back was so weak and lame, and my stomach was strained so I could keep nothing down that I ate. I got all run down and could not sleep nights, and could hardly do my chores or get from the barn back to the house. I had Rheumatism in my knees; one of them was so swollen that I could hardly step up or down on my foot. In fact, I was almost a complete wreck, and wished I could die, I suffered so. My wife read about Bodi-Tone and sent for a box on trial, and I started taking it. I began to get better right away. Now my Rheumatism is all gone, and I can work, eat and sleep, in fact, feel like a new man. Everyone speaks of how much better I look, and Bodi-Tone has done it all. ELBERT STOWELL.



Invalid Without Strength or Energy

DELIGHT, ARK.—My heart's gratitude is due for the benefits I have received from Bodi-Tone. I was an invalid, without strength or energy, when I began to use it; now I am doing my housework and enjoying good health for one of sixty-six years. I was all run down. I had no appetite, did not sleep well at night, and existence was little more than a drag to me. I had taken Rheumatism in my left shoulder and arm, and suffered misery from it. I tried doctors without any improvement, and was almost helpless. When I saw Bodi-Tone advertised in my weekly paper I made up my mind to try it. Before I had used it a full week my general health began to improve. By the time I used two boxes my Rheumatism was all gone. Mrs. S. T. BROCK.



Has No Aches or Pains at 72 Years

MONTEREY, IND.—I want to tell what Bodi-Tone did for me. I am a veteran of the Civil War, and during my service I contracted camp Diarrhoea and Heart Trouble. My Heart was so bad that I could not lie on my left side, and the Diarrhoea acted in extremes; my Bowels were either very costive or very loose. I had given up all hopes of any benefit at my age until I saw the Bodi-Tone advertisement and trial offer and sent for a box on trial. I had not taken more than half of the box when I felt greatly relieved. Soon I could lie on my left side and not feel the effects, and within a short time I had gained ten pounds in weight. This was over a year ago, and now, although I am seventy-two years old, I don't feel much over thirty. I have no aches or pains. I used but three boxes of Bodi-Tone, and it has done so much for me that I lack language to give it proper praise. W. W. DUFF.



COUPON

Clipped from Up-To-Date Farming

Bodi-Tone Company,
Hoyne & North Aves., Chicago, Ill.

I have read your offer of a dollar box of Bodi-Tone on 25 days' trial, and ask you to send me a box by return mail, postpaid. I will give it a fair trial and will send you $1.00 promptly when I am sure it has benefited me. If it does not help me I will not pay one penny and will owe you nothing. Neither I nor any member of my family have ever before used Bodi-Tone.

Name _____

Town _____

State _____

St. or R. F. D. _____

Pass This Paper to Your Neighbor---Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | AUGUST 1, 1911 | Number 15

1911		August				1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 1st	F. M. 9th	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	L. Quar. 17th	N. M. 23d

Up-to-Date Farming
PUBLISHED TWICE A MONTH
EQUITY PUBLISHING CO., Inc.
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J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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RATES will be quoted on application. Only reliable advertisers are admitted to our columns, and we guarantee that they will deal honestly with subscribers. Should they not, we will make good any loss to paid-in-advance subscribers. It is understood that this guarantee is not binding on the publisher unless UP-TO-DATE FARMING is mentioned when you write and you report any dissatisfaction within a month of the date of the paper.

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Misnamed Reciprocity Bill Is Passed

Congress Declares for Absolute Free Trade in Farm Products

PROTECTION GOOD FOR EVERY OTHER INDUSTRY, BUT BAD FOR AGRICULTURE

THIS COWARDLY ACT WAS POSSIBLE ONLY BECAUSE FARMERS ARE UNORGANIZED AND POWERLESS

WILL CAUSE OUR FARMERS TO LOSE HUNDREDS OF MILLIONS OF DOLLARS A YEAR AND WILL SAVE GREAT BRITIAN A BILLION DOLLARS YEARLY IN HER FOOD BILLS

The much discussed reciprocity bill passed the United States Senate Saturday, July 22, at 1:36 p. m.

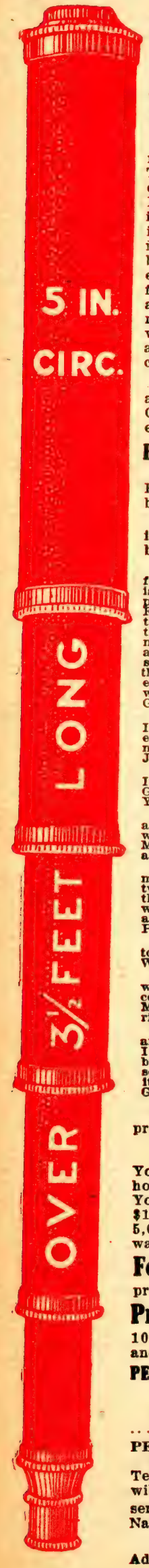
It is expected that it will be in the President's hands the following Tuesday. That he will sign it, is not questioned.

Before the law will become operative a law identical with this must pass the Canadian parliament. There is, however, one item in the list of articles affected that is an exception. The provision relating to the admission of print paper and wood pulp, we understand, will become operative as soon as the president's signature is attached.

Our interest in the bill is in the agricultural schedule. We have no objection to the newspapers getting cheaper paper, builders getting cheaper lumber, or to any manufacturer getting a larger market for his goods in

(Continued on Page Four)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD
It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.
400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING



To Introduce Our Big New

Wonder Telescope Only $1.00

This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishing clearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

.....

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.

Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

GALLOWAY



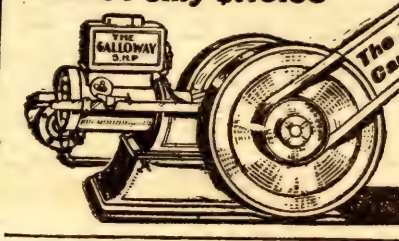
SAVE from $60 to $300 by buying your gasoline engine of 1¾ to 28-H.-P. from a real engine factory. Save dealer, jobber and catalogue house profit. No such offer as I make on the class of engine I sell has ever been made before in all Gasoline Engine history. Here is the secret and reason: I turn them out all alike by the thousands in my enormous modern factory, equipped with automatic machinery. I sell them direct to you for less money than some factories can make them at actual shop cost.

All you pay me for is actual raw material, labor and one small profit (and I buy my material in enormous quantities).

Anybody can afford and might just as well have a high grade engine when he can get in on a wholesale deal of this kind. I'm doing something that never was done before. Think of it! A price to you that is lower than dealers and jobbers can buy similar engines for, in carload lots, for spot cash.

An engine that is made so good in the factory that I will send it out anywhere in the U. S. without an expert to any inexperienced users, on 30 days' free trial, to test against any engine made of similar horse-power that sells for twice as much, and let him be the judge. **Sell your poorest horse and buy a**

5-H.-P. Only $119.50



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Write today for my beautiful new 50-page Engine Book in four colors, nothing like it ever printed before, full of valuable information, showing how I make them and how you can make more money with a gasoline engine on the farm. Write me—

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To introduce Everyday Life to new readers we will send it 3 months on trial, together with this grand collection of latest popular songs and music, all for 10 cents. Everyday Life is a bright interesting paper and is appreciated and welcomed in every home. We know if you get this paper for 3 months you will want it for a year

Silver Bell
Ida Ho
Lonesome
Pony Boy
Navajo
Tippicanoe
Any Rags
Bedelia
Hiawatha
Honey Boy
Red Wing
Dreaming
Ogalalla
I Love It
Dublin Rag
Stop, Stop, Stop
Grizzly Bear
It's You Pal

All that I Ask is Love
You're a Grand Old Flag
Why Don't You Try
Are You Coming Out Tonight
Down in Jungle Town
Don't Take Me Home
Put on Your Old Gray Bonnet
Carrie Marry Harry
Give My Regards to Broadway
A Little Boy, Called Taps
Down in the Brandywine
Yankee Doodle Boy
Bye, Bye Dearie
Under the Yum Yum Tree
Some of These Days
Every Little Movement
Anybody Here Seen Kelly
Mandy How Do You Do

Dinah From Carolina
Meet Me Tonight in Dreamland
I've got Rings on My Fingers
My Wife's Gone to the Country
That's How I Love You, Mame
In the Shade of the Old Apple Tree
When You Know You're Not Forgotten by the Girl You Can't Forget
'Neath the Old Cherry Tree, Sweet Marie
The Mesmerizing Mendelsohn Tune
Call Me Up Some Rainy Afternoon
Put Your Foot on the Soft Pedal
Any Little Girl that's a Nice Little Girl
By the Light of the Silvery Moon
Next to Your Mother Who Do You Love?
Every Girl I Get the Other Fellow Steals
Let Me Call You Sweetheart
I'd Rather Say Hello than Say Goodbye

My Mariuccia
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I Remember You
Cubanola Glide
The Man Behind
My Southern Rose
Garden of Roses
Sweet Italian Love

10 CENTS gets all the above **LATEST POPULAR SONGS** and Music, all big hits, such as "Let Me Call You Sweetheart," "Maybe I'll Come Back," etc. Best collection ever published. Also Everyday Life 3 months. 3 collections 20c. Tell your friends about this marvelous offer and order today. Address **EVERYDAY LIFE, DEPT.** 62P **CHICAGO, ILL.**

POST CARD ALBUM FREE

Also Surprise Collection of 50 Cards

Nearly all of our subscribers have some beautiful post cards that they prize very much. Perhaps they are now scattered around on tables, shelves and other places difficult to find and getting soiled. The most prized ones can be preserved in the album I now offer you. It can be made the most interesting article on your parlor table.



This album, No. A, holds 108 post cards and is 9x11 inches. The cover is strong, stiff board, beautifully designed and decorated in colors. The leaves are heavy fiber paper. The cards are inserted in slits, not pasted, and can be put in or removed at pleasure.

The 50 cards in the surprise collection are fine cards, many embossed, of flowers, birds, travels, famous pictures, etc.

ALL SENT FREE

OUR OFFER: Send 50c for two yearly subscriptions to UP-TO-DATE FARMING, or one two-year subscription, and we will send the beautiful ALBUM NO. A, to hold 108 cards, also 50 Surprise Post Cards.

If you want a larger album we can furnish it. See offer below:

Album No. B.—Size 9½x11. Holds 200 cards. Stiff cover, artistic decorations. Send 3 subscriptions and 75c.

Album No. C.—Size 9½x11. Holds 300 cards. Stiff cover, artistic decorations. Send 4 subscriptions and $1.00.

Album No. D.—Size 10x11¾. Holds 400 cards. Stiff cover, artistic decorations, very fine. Send 5 subscriptions and $1.25.

Album No. E.—10x14. Holds 600 cards. Molded board cover, richly and artistically decorated, very beautiful. Send 6 subscriptions and $1.50.

Any of these albums would be a splendid reward to any person who sends subscriptions to UP-TO-DATE FARMING, but I send in addition 50 charming post cards. Included in the collection are cards of many subpects suitable for an album collection or for correspondence.

I make this offer to secure new subscribers and to get old ones to renew. If your subscription has expired, or is about to expire this is your opportunity to embrace the most liberal premium offer I can make. If paid in advance you can extend another year or send two new subscribers.

Satisfaction guaranteed or money refunded.

J. A. EVERITT, Editor, Indianapolis

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J. A. EVERITT, Editor, Indianapolis

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My Name .....

My Address .....

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Attach List of Names.

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PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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EDITORIAL

Agricultural Independence

WRITERS, lecturers and speakers never tire talking of the independence of the farmers. A newspaper article now before us declares: "The men with the world's broad acres, well tilled, are the men who have a certainty of demand for that which their care and energies bring forth from the soil." Another says: "The demand for the farmer's increases daily, and will continue to increase as long as the population of the world increases." Another puts it thus: "Every hamlet that holds a factory, every town with its mills, and every city with whirling machinery that employs thousands, with its stores, its banks, its railways; every port with its docks, and every sea with its vessels, are all dependents upon the products of the soil, consumers thereof, and customers of the men who own or till the acres that furnish the populations of the world with their food and with the fibers that enter into their clothing."

In spite of all this, we read the following: "The tendency of population all over the world is toward the cities, and the same tendency toward engaging in the work of manufacturing is noted among the people of every nation upon the face of the earth." And this: "What are known as the industrial districts are constantly attracting the labor of the people in greater numbers each year, and it is the same in Russia as it is in Germany, in France, in Britain, in Italy, Spain, Japan and the United States."

This all seems like a strange contradiction. Everybody dependent upon farming, everybody a customer of the farmer, the demand for farm products increasing ever and ever, and yet the world's people are leaving the farms and gathering in the cities and so-called "industrial districts." Why? In search of better reward. The fact is the farmers are the most dependent people in the world. They grow and harvest and sell, but always at the buyer's price. They are rarely a party to the fixing of a reward for their labor. They may have much or little, still they exercise no power over the price. Neither does supply and demand.

In the neighborhood where we write it is wheat threshing time, and the farmers are largely selling from the machine. At the village market, the price of wheat last Saturday was 78 cents, Monday it was 80 cents, Tuesday morning it was 77 cents, Tuesday afternoon it was 78 cents. When a farmer started from the machine with a load of wheat he did not know what the price would be when he reached the market a mile and a half or two miles away. The thing he did know, however, was that if he sold he must accept whatever price was offered; he was in no sense a party to the contract. He knew also that the supply and demand could not waver as did the price of the wheat, and the price was, therefore, fixed by the wavering sentiment of the speculators on the boards of trade. The farmers' reward can be nowhere but in the price he receives for his stuff, and since he has nothing to say as to price, he has no voice as to what his reward shall be. All this is determined by a few men who are not of his calling, and whose own profits are increased by making the farmers' profits less.

And the farmer is just as helpless on the other side of his business life. To live in comfort he must buy things for himself and family. Again he has nothing to do with making the price. In disposing of his products he must accept the price or not sell; in buying his supplies he must pay the price or do without. **The farmer is not independent.** The world is his customer, but at forced sales and on the world's terms. The world works to supply his needs, but the world determines the quantity and fixes the price.

No wonder the tendency of population is toward the cities. No wonder the agricultural sections are becoming depopulated. No wonder farm labor is scarce. No wonder the eaters become alarmed at seeing weeds grow where food crops ought to be. No wonder the schools are constantly crying "more and more," but getting no response. No wonder hungry officials break down the fences to let other people's stock and supplies in. But what silly physicians! What impotent remedies, every dose of which makes the malady more fatal!

Why not help the farmers to become independent, as writers claim they are, and as they so well could be? Why not eliminate the power that makes their products the shuttlecock of greed and encourage them to control their business as all other business is controlled? At least guarantee to them that honest supply and genuine demand shall determine their reward, and then show them how to produce and hold a steady supply. This could be so much more easily done than are the present misfit efforts that make matters worse, place additional obstacles in the way of farming, drive more farmers to the congested centers, and aggravate the evils.

If the "powers that be" would aid in a work of this kind, and the farmers would unite to establish a better system of marketing and distribution that would take the stuff at least waste and lowest cost direct to the point of consumption, farmers might then indeed become independent, and the world be much better served by them.

Selling Time

FARMING has its "times and seasons" as no other vocation has. In early spring we plant. In later spring and early summer we cultivate. Then comes the time of harvest and the selling time. We are now entering upon the latter time, and it is as necessary—more necessary—that we sell well than that we do any or all of the other things well.

Somebody in this broad country and world will need every ounce of surplus our farmers have produced, and they are able and willing to pay for it a reasonable price. But it ought to "take two to make a bargain" in selling farm produce as it does in other lines of trade. But suppose we had a moving picture of the buying and selling of the vast crops that grow on the farms of this country. It would show the rolling up of mountains of valuable stuff, the hurrying of it to overloaded centers, the dumping of it where there is not room enough to contain it, and where nobody wants it, the enclosing of it in an iron fence of greed and speculation, and then the stingy doling of it out to those who need it, often shipping portions of it back to the very stations whence it came! The farmer stands at his shipping station with a palm extended not to receive an agreed equivalent in value for his crop, but, like a mendicant, to take and go home with whatever may be dropped in it.

That is the present way of marketing farm crops. There is enough for all, but many are compelled to stint themselves or do without, because the stuff thus hurried to the centers never gets back to them, or, if it does, it comes burdened with such a weight of added price, that they are unable to buy it. There is too much when the farmers are selling; there is not enough when those who need it for use are buying.

It is now another year's selling time. Can not a better system be found and employed? Oh, that the grower could deal with the user! We live in a network of modern transportation. Rail and river reach every portion of the country. Wires like gigantic webs, carry human voices everywhere. Wants may be told on the farms this morning and supplied this afternoon. How we boast of great inventions, but to what little purpose do we use them! What wonderful progress the later years have seen, but like the scum on the waters that catch the hapless flies, the fish beneath must seek their feed in the same old way. The progress marks the upper life rather than the multitude life below.

Whose fault? That of the multitude. There is no lack of energy and industry, but there is a lack of harmonious co-operation. There is no lack of intelligence and ability to direct things, but there is a lack of broadminded unity in the working out of the better system.

For there IS a better system—a selling to supply needs, a shipping direct to actual demand, a price that rewards the producer and deals fairly and justly with the consumer, a distribution that reaches every want and thus enlarges consumption to the full capacity of the farmers' acres.

Yes, once more we are entering upon the "selling time." We have often put this matter up to the farmers. They must found and carry out the better system, and they must do it as all other industries protect themselves—by ORGANIZATION AND CO-OPERATION. And the organization must be on a definite plan and for definite purposes. Reader, please think what it means to you and to everybody else—to all who produce and to all who eat.

Those Who Would Serve the Farmers

THERE are many good men in this country, and in high places too, who are really anxious to do something for the benefit of farming, and who would gladly aid that great class of laborers who till the soil and thus provide a support for all mankind. But they do not know how. Their study has always been of quantity. To them a full crib or bin, or towering stacks of hay, or orchards loaded with fruit, have meant prosperity. Hence the only thing they can see of prosperity in farming is **heavy production,** and their entire efforts are devoted to increased production. They have studied but one side of farming, and do not realize that everything beyond a reasonable supply of the demand reduces the price. What does it profit a man though he raise more if he must sell it for less? That farmers must do that if they produce beyond the demand is a fact of history, of experience and of official statistics; but are constantly urging increased production, or who would open the gates of Canada and pour into this market a flood of production from that great country.

There are two sides to farming, the producing side and the selling side. Farmers can not realize from their crops until they are sold, and then their profits depend upon the price. This is what we have taught for many years, and we are glad the seeds we have planted are growing and beginning to yield fruit. The following is from a writer in Farm and Ranch, a leading Texas paper:

At present, the producer is only a nominal party to the sale of his products. They are sold just as they would be sold under the sheriff's hammer, the price being fixed entirely by and among the consumers, and whether or not prices are remunerative depends upon whether or not there is an adequate supply, which creates a scramble among these consumers, who realize that when all is sold there will remain some of them who are inadequately supplied. Under these conditions, as is overwhelmingly proven by the history of prices, a small crop is worth more to the producers than a large crop.

No greater calamity can come to the producer than a few successive years of large production. During the period of greatest agricultural depression, we had bounteous harvests. With all their vices in production, American farmers have, as a rule, always produced all that under their selling methods, could be sold at a profit and frequently, more.

In view of these incontrovertible facts, is it not a justified assertion to say that this one-sided development is dangerous to both the producers and the communities dependent upon them? To place the volume of products resulting from scientific, up-to-date methods of production upon our absurd, antiquated methods of selling, is like heaping up the load on an old wagon, already loaded to its capacity. Something is bound to break! It is all right to increase the load, if at the same time the wagon's carrying power is correspondingly strengthened, but otherwise it is not.

I have done my very best to arouse some general interest in improving our marketing methods, so that we could safely increase the volume of our yield. All seem to realize that it should be done, and all are willing to "resolute" to that effect, but no general, persistent, intelligent effort is being made to do it.

I realize that I am going to be "jumped on," and called a "knocker," etc., but there is too much involved for me to remain silent, even if that be my only reward. I know that, under selling methods, the hope of the farmer for prosperity is centered in relatively small production. This is especially true as to cotton. If more grain is raised than can be profitably sold, there is a chance that it may be profitably fed to stock, a part of it can be used for the family, and a part of the animals may also be used by the family, but with cotton, there is no such opportunity. The family can not

use it; it must be sold just as it is, and is sold under the most ruinous methods of any of the crops.

It is especially true of cotton that a small crop is worth more than a large one. Fifteen million bales of cotton, at eight cents per pound, which is a fair estimate for that size crop, with a normal carried-over balance, is worth $300,000,000 less than 12,000,000 bales at fifteen cents per pound. The seed from the smaller crop, at 20 per ton, is worth $20,000,000 more than the seed from the larger crop at $15 per ton.

The cost of gathering, ginning, marketing, etc., of the 3,000,000 bales difference between the two crops, would be $40,000,000, *making a total difference in value, in favor of the smaller crop, of* $360,000,000—more than one-third of a billion dollars.

In my humble judgment, all the energies of the South should be exexrted toward keeping our annual cotton production will below 14,000,000 bales. And that is not going to be an easy thing to do, under present prices.

The land planted to cotton last year, under normal conditions, would have produced a 14,000,000-bale crop, and under very favorable conditions might have gone to 15,000,000 bales. *Had that occurred, it would have been a calamity to the South.* No one will doubt that prices would have gone all to pieces.

No one, not even the cotton speculator, dares to deny the logic and truth of the above article, and every marketable crop is affected in the same way. The article was published in January, before the Canadian agreement was placed before the people. Of course that agreement does not affect cotton, but it does many of our most important crops, and its effect can not be otherwise than that of an annual over-production—a glutting of markets every year in spite of anything American farmers may do. The utmost we can do is to appeal to farmers North and South, to organize, **and do it now**, on the simple plan we propose, to direct the selling as well as the production, and save agriculture from the calamity that now so openly threatens.

Misnamed Reciprocity Bill Is Passed

(Continued from Page One)

Canada, or in any market in the world, if these things are brought about in fairness and equity to all people and all of our interests.

But when it is proposed to trade the farmers' opportunity to do a prosperous business to increase already prosperous publishing and manufacturing businesses; to take away the little that the farmers have so that a comparative small class of people already rich, may augment their wealth, we are opposed to it and, although we may be beaten in the first trial, we will not be vanquished until we can fight no longer.

Some of the things this bill does are as follows:

It brings absolute free trade in agricultural products from Canada, which, as we have shown in previous numbers of this paper, puts our farm produce on a free trade basis with the world. At the same time it retains tariff duties on all articles manufactured in Canada, except print paper.

To be more explicit:

It takes the 25 cents per bushel duty off of wheat but maintains the 50-cent duty on flour and 17½ per cent. on "prepared cereal foods" and 25 per cent. on "buscuits, wafers and cakes."

It obliterates the 15 cents per bushel on oats but the 50 cents per cwt. is retained on oatmeal.

It wipes out the 30 cents protection on barley, but the duty of 45 cents per cwt. on barley malt is not disturbed.

The protective duty of 27½ per cent. ad valorum on cattle; $1.50 per head on sheep and $1.50 per head on hogs raised by farmers are removed, but the packers are granted duties of 1¼ cents per pound on bacon, lard, beef, mutton, pork and all other dressed meat.

It permits all vegetables to come into this country free, but if any manufactured products, tomatoes, corn, peas, etc., are sent in they must pay 1¼ cents a pound.

In short, on everything the farmer raises this law makes Canada, and the world free competitors for the markets of our own country, but when the farmers or anybody else wants to buy anything made from his raw material, or imported raw material, they must pay the manufacturer an extra profit, legislated to him.

As we get further along in the consideration of this matter it must be evident to every unprejudiced person that the purpose of this agreement is to cheapen the products of the farms, so the mills and packers can get cheaper raw material and continue to sell at the old prices in protected markets. And to give the newspapers cheaper paper.

The whole thing is against the farmer. Head he loses and tail the other fellow wins. Since the agricultural situation has been satisfactory for a few years there can not be a ghost of an excuse for this law from the farmers' viewpoint. For a fact, President Taft has never claimed that it would benefit the farmer, but the best argument he, and its other friends ever advanced, is that "it won't hurt him much."

Friends of the law say "it is a signal triumph for the Taft administration." The president himself said: "I am very much gratified and delighted that the bill has passed. It indicates the increase of mutually beneficial conditions between Canada and this country."

Our prediction was that it will curse both countries and we repeat our prediction now.

We consider that so many grave responsibilities attend the launching of the new order of things and the application of the law to the business of the country, that we will print the vote here so we may readily place the responsibility when this is read in future years.

The vote was as follows:

REPUBLICANS AGAINST	
Borah, Idaho.	Cummings, Ia.
Heyburn, Idaho.	Kenyon, Ia.
Bourne, Ore.	Dixon, Mont.
Bristow, Kas.	Gronna, N. D.
Curtis, Kas.	McCumber, N. D.
Burnham, N. H.	La Follette, Wis.
Clapp, Minn.	Lippitt, R. I.
Nelson, Minn.	Lorimer, Ill.
Clark, Wyo.	Oliver, Pa.
Warren, Wyo.	Page, Vt.
Crawford, S. D.	Smith, Michigan.
Gamble, S. D.	Smoot, Utah.
DEMOCRATS AGAINST	
Bailey, Tex.	Simmons, N. C.
Clarke, Ark.	
REPUBLICANS FOR	
Bradley, Ky.	Poindexter, Wash.
Brandegee, Conn.	Nixon, Nev.
McLean, Conn.	Penrose, Pa.
Briggs, N. J.	Perkins, Cal.
Brown, Neb.	Works, Cal.
Burton, O.	Richardson, Del.
Crane, Mass.	Root, N. Y.
Lodge, Mass.	Stephenson, Wis.
Cullom, Ill.	Townsend, Mich.
Guggenheim, Col.	Wetmore, R. I.
Jones, Wash.	
DEMOCRATS FOR	
Bacon, Ga.	Shively, Ind.
Bankhead, Ala.	Martin, Va.
Johnston, Ala.	Swanson, Va.
Bryan, Fla.	Martine, N. J.
Fletcher, Fla.	Myers, Mont.
Chamberlain, Ore.	Newlands, Nev.
Chilton, W. Va.	O'Gorman, N. Y.
Watson, W. Va.	Overman, N. C.
Culberson, Tex.	Paynter, Ky.
Davis, Ark.	Pomerene, O.
Foster, La.	Reed, Mo.
Gore, Okla.	Stone, Mo.
Owen, Okla.	Smith, Md.
Hitchcock, Neb.	Smith, S. C.
Johnson, Me.	Taylor, Tenn.
Kern, Ind.	Williams, Miss.

We ask our readers to study the vote carefully. It will be seen that twenty-four Republicans voted against the bill and twenty-one for it; while three democrats voted against it and thirty-two in favor of it.

But this is not what we want to bring out particularly. Political lines were not observed, but section lines were. We may say that the country was divided into two sections; one against the law, the other for it. Regardless of the merits of the proposition from the standpoint of the two nations, this agreement has arrayed one section of our country against another as has not been witnessed since the time immediately preceding the Civil War.

The one section comprising Illinois, Michigan, Iowa, Wisconsin, North Dakota, South Dakota, Kansas, Montana, Minnesota, Idaho, Utah, Wyoming and Nebraska cast twenty-four votes in the Senate of which only five were for the bill, or only 20.8 per cent. The balance of the country cast fifty-six votes, of which forty-eight were for the bill, or 85.7 per cent.

The first section is the great grain and stock section and manufacturers are of secondary importance. The second section comprises the cotton growing states, where little grain is grown, but must be bought from the northern farmers, and the manufacturing East. The people in this section were made to believe that free trade will give them the products of the western farms cheaper, which it will, but when the western farmer's income decreases he will be a poorer customer for the cotton goods and other manufactured articles, resulting in reduced wages and an unsettling of business in all directions.

In former issues we have shown that the farmers are not responsible for the high cost of living and we again absolve them from that charge. If President Taft and Congress really were sincere about wanting to reduce the cost of living they would have attacked the machine of distribution that has grown up between the producers and consumers, and which this new law really makes more formidable and more powerful to levy tribute at both ends.

Let us compare the condition forced on our farmers with some other countries.

Germany protects her farmers from invasions of produce from all foreign countries. As a result the German farmers raise an average of 30.5 bushels of oats and 208 bushels of potatoes per acre in 1909.

France does the same. Her average yield of wheat is 21.0 bushels; oats, 34.1 bushels and potatoes, 160 bushels. This also for 1909.

The United States, until a few years ago, was under free trade conditions, although there was a tariff on agricultural products. Her average yields in 1909 were wheat, 15.5 bushels; oats, 25.7 bushels, and potatoes, 94.4 bushels. The yields of wheat and oats in 1909, were not surpassed in any previous year.

Russia is a country with a vast extent of new farm land, like the United States a few years ago. Her averages are very similar to ours: Wheat, 1909, 12.5 bushels per acre; oats, 25.7 bushels, and potatoes 111.5 bushels.

Argentinia also has a great extent of new territory being developed like the United States had a few years ago. Her average acre yield of wheat in 1909 was 10.4 bushels per acre.

As long as the competition from new farms in our own country kept prices down, like it is doing in Russia and Argentinia, or we might say, as long as the tariff was of no benefit to our farmers, the "interests" were perfectly willing to let it remain. But beginning in 1902 this paper taught our farmers to make the tariff work for them as it had been working for manufacturers, and as it is benefiting the farmers of Germany and France, and giving them enough money to enrich their soil, thus doubling and tripling the yields. But almost as soon as our farmers got wise to the use of the tariff this Canadian agreement was sprung and forced to a law.

We want to say with all positiveness that this thing could only be consumated because farmers were not organized. And we will say with equal positiveness, that if farmers do not organize now and force a repeal of the law, they will put more mortgages on their farms in the next ten years than they paid off in the past ten.

This country can not exist with part of its industries protected and the other part unprotected any more than it could exist part free and part slave.

Farmers, witness the combinations of capital, and factories, and facilities, and of labor, against low prices for goods and labor and compare them with this legislation to force low prices on your products!

Every ounce of farm produce represents labor, labor under the most trying conditions. Yet farm labor is now without a particle of protection, but in exact and equal competition with the cheapest labor in the world, the peasants of Russia, and the peons of Argentinia.

This law is not fair. It is not equitable. It does not give farmers a square deal. It neither squares with the acts of honest men nor the divine law.

Although beaten in the first battle, we are not vanquished and will not be until we can not fight any more. But before that time comes we hope to see the farmers organize and marching as an ever victorious army.

Without organization, you see, you were powerless. Organized, as this paper advocates, you can not only rule your own business, but regulate the affairs of the country.

Will you organize now?

THE FARMER'S POSITION IN THE NATION'S WEALTH

COMMERCE handles wealth, and transfers it from one owner to another. General business may accumulate wealth and employ it in such a way as to accumulate more. The mechanic arts may take something already valuable and by adding labor to it make it more valuable. Mining brings wealth into service that was not available before, but it was in existence and the miner adds nothing to it but availability.

But farming CREATES wealth; and it is the only calling that does. Every crop from the soil is an addition of new wealth to the country and the world. Seed, representing wealth that already exists, must be had to start the crop, but the wealth or value in the seed must be totally destroyed before the crop can be produced, hence each crop is created wealth that never existed before.

To give an idea of the amount of wealth American farmers create every year, we need not refer to the oft quoted, and too often discredited, figures of the Department of Agriculture. It may be better seen in the surplus products we create and send to other countries. Our surplus cotton brought back to the United States during the past year not less than six hundred million dollars, meat and dairy products brought $135,000,000, while flour, wheat, corn and other products swell these large sums to sums enormous.

Of course, the amount of money these crops of farm created wealth bring back to add to our wealth, prosperity and luxury, depends upon the price paid for them. Yet it seems that every energy of the governing power is exerted to make these prices less. Why, it is hard, indeed, to tell. Farmers are not extravagantly paid. Though the wealth they create is counted in billions of dollars, it is confessed that they possess less surplus of wealth than any other class. This is so emphatically true that the problem of the day is to keep enough people on the farms to cultivate them. That is not because of anything distasteful in the business, but it is because other vocations bring better reward.

Hold people on the farm and bring back to it those who have left it? There is nothing simpler. Pay farm labor, whether proprietor or hired man, as well as other labor is paid, and that labor will come back and stay. Those who are so determined farm prices shall be low are responsible for the drift to the shops and factories and the marts of trade, and they should be held to that responsibility.

THEY MAKE US WISE

The Department experts make us wise. Discussing the importance of light to the growth of trees, they meekly tell us: "Light also influences transpiration, and consequently the metabolism of green plants." Have you a dictionary handy? Ours is a little short.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago.....$....
WHEAT—No. 2 Northern Spring ... .
OATS—No. 2 White, at Chicago.... .55
BARLEY—Good malting, at Chicago.. .75
RYE—At Chicago ....
HAY—Choice Timothy, at Chicago, ton .....$22.00@$24.00
CATTLE—Good to choice, Steers, at Indianapolis .....$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis ..... 7.00@7.50
HOGS—Good to choice, lights and mediums, at Indianapolis 6.50@7.00

1910 CROPS

CORN—No. 2 White, at Chicago.....$ .65
BUCKWHEAT—At home market..... .85
BEANS—At Chicago 2.50
BROOMCORN—Choice Illinois, at Chicago, ton ..$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton .. 100.00@150.00
COTTON—At New York, per lb .....$ .15

Advice

We offer no advice about wheat. Market corn, barley, hay, cattle, hogs and beans. Stop marketing when the minimum price will not be paid. Hold oats and broomcorn.

THE expected has happened. That is the so-called reciprocity bill has passed the Senate and been signed by the President. It will not be legally operative until the Canadian Parliament passes a bill identical to it, but in effect it has been operative for some time. In view of this new law we will not name a minimum price on new wheat, because we do not expect wheat to sell up to what our farmers ought to have, which is always the gauge of the minimum price and we do not want to encourage them to hold for an improbable price.

Since our last report there has been an improvement in the weather and crop conditions. Rains have broken the drought in many states. Corn will be helped, but the damage done can not all be repaired, and a short crop is inevitable. Pastures, also, which were dried up will be fresh again and will help out on a short forage crop. Preparation for fall seeding is under way with prospect of a shorter acreage put in winter wheat, the fields released from this crop being reserved for corn and oats.



AN AVALANCHE OF CANADIAN WHEAT STRUCK HIM.

Not in many years has dumping been so general for wheat as this year. Country elevators, which do not figure in the published visible supply, are generally full and overflowing, and the visible in central markets increased 3,975,000 bushels against a decrease of 977,000 bushels in the corresponding period last year. The price of wheat declined 2 cents a bushel and is now about 15 cents a bushel lower than a year before. Wheat, in Chicago, is only 20 cents a bushel higher than corn, while at many country points wheat is selling at 75 cents and corn at 70 cents.

The corn visible shows a small decrease against a liberal decrease last year, with prices two to three cents higher. Oats decreased over two and a half million bushels compared with a decrease of about one and a half million a year ago, and the price declined 7 to 8 cents a bushel. The decline was because of too free marketing. By conservative marketing every bushel of oats can be sold for a liberal price. See the new minimum price put on 1911 oats, above.

Cotton has declined enough in price to rob the growers of all the benefit of the larger crop in prospect.

Potatoes depend on future weather, but all potatoes are sure to command high prices, at least until the late crop comes.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on July 15, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	July 15, 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	32,134,000	X 3,975,000
CORN	13,206,000	— 978,000
OATS	13,714,000	—2,694,000
BARLEY	869,000	X 32,000

The visible supply of grain in Canada on the same date with comparisons, is as follows:

WHEAT—9,891,000 bushels. This is 16,000 bushels less than two weeks before and 1,754,000 bushels more than a year before.

OATS—5,221,000 bushels. This is 163,000 bushels more than two weeks before and 1,868,000 more than a year before.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	July 14, 1911	July 7, 1911	July 15, 1910
American	1,113,294	1,209,399	1,134,217
Other kinds.	974,000	1,023,000	966,000
Total	2,087,294	2,232,399	2,100,217

The total visible decreased 311,040 bales in two weeks.

Price of cash cotton, New York, July 24, 1911.—Middling uplands, 13.60c; middling gulf, 13.85c. The price is 50 cents per cwt. lower than two weeks before.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on July 24, two weeks before and a year before, as follows:

	WHEAT, No. 2 RED July 24	2 wks. before	A Yr. before
Chicago	85¾@86¼	87¾@88¾	$1.10
St. Louis	82½@84	84½@88	1.07
Kan. City	83	86¼@86½	1.04
Cincinnati	83 @84	85 @87	1.10
New York		93¾@95	1.10

Minneapolis No. 1, hard spring, 98¾c; No. 1 northern, 96¼@98¼c. Two weeks before, $1.00¼ and 98¼@99¼c, respectively. A year before, $1.29½ and $1.28, respectively.

	CORN, No. 2, WHITE		
Chicago	65¼@66	63¼@63½	67
St. Louis	64½@65	68 @68½	67
Kan. City	65	69½	66
Cincinnati	65½@66	69	68
New York		70	65

	OATS, No. 2, WHITE		
Chicago	39¼@41	47½@48	44½
St. Louis	39 @40	50	47
Kan. City	42 @42½	49½	42
Cincinnati	40 @40½	50	46
New York			50

Future Grain Prices

Chicago grain futures closed July 24 and two weeks before, as follows:

WHEAT—July, 86⅜c; September, 88⅛c; December, 91⅝c; May, 95⅞c. Two weeks before, 88¾c, 90⅛c, 93c and 97¾c, respectively.

CORN—July, 62c; September, 63⅜c; December, 63⅜c; May, 62½c. Two weeks before, 62½c, 64½c, 63⅜c and 65½c, respectively.

OATS—July, 39c; September, 45⅞c; December, 43. Two weeks before, 45½c, 46¼c, and 47⅞c, respectively.

Chicago Produce Market

July 24, 1911.

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—Demand was good and there was plenty of stock to supply all requirements. A good many local dealers are getting their stock direct, consequently the volume of business in car lots is not as large as might be expected. The trade today was mainly in Jersey bulk stock at $1.45 to $1.50 per bushel.

Sales reported were: 1 car of Virginias in barrels at $4.25, 2 cars of bulk Jerseys at $1.45, 4 cars do. at $1.50.

Barrels, Virginia, cobblers, repacked, made sound. In repacking there is 5 to 40 per cent shrinkage .....$4.25@ ....
Sacks, per bu, Jersey cobblers ..1.50@ ....
Bulk, per bushel, Jersey cobblers 1.45@1.50

The price is about 50 cents a barrel lower than two weeks before.

HAY—Demand good and market very firm. Arrivals small.

Choice Timothy Hay.....$25.00@26.00
No. 1 Timothy ..... 22.50@24.00
No. 2 Timothy ..... 20.00@21.50
No. 3 Timothy ..... 18.00@20.00
Kansas and Oklahoma Prairie, choice, ... 22.50@23.00

The price is $1.00 to $3.00 a ton higher than two weeks before.

BROOM CORN—Business is about moderate and market steady.

Illinois Corn, per ton, depending on quality .....$80.00@120.00
Oklahoma, per ton, poor to good ..... 60.00@100 00

If badly damaged and stemmy no regular value.

Change from a year before Bushels	Change from 2 yrs. before Bushels	last year Bushels Change
X 28,213,000	X 23,799,000	— 977,000
X 4,288,000	X 8,018,000	—1,335,000
X 7,542,000	X 6,200,000	—1,446,000
— 836,000	— 417,000	— 553,000

The price is the same as two weeks before.

BEANS—All good old beans remaining are held firmly for the quantity on hand is small; it also is in few hands. Demand for all kinds is tame. The supply really could not satisfy much of a demand.

Pea Beans—
Hand picked, choice .....$2.33@2.38
Good but not strictly hand picked ..... 2.20@2.25
Mediums nominally about same as Pea Beans.
Red Kidneys, depending on quality ..... 3.50@3.85
Poor musty down to ..... 1.00@...
Brown Swedish, depending on quality ..... 2.27@3.05

The price of Pea Beans is 5c higher than two weeks before, Red Kidneys unchanged and Brown Swedish, 20 lower.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned, as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	11,474	11,865	10,910

A firm feeling exists for fine, fresh laid stock.

The general situation remains the same. For fresh laid, full, sweet eggs the demand continues good and no difficulty in selling such, and keeping cleaned up closely. These eggs are wanted for immediate consumption both on local and on outside account. More or less poor stock is arriving—varying in quality—and all these ungraded lots are difficult to sell, and the price is a matter of negotiation between buyers and sellers; whatever they can agree on as to the value governs the sale. The following quotations were established by the Butter and Egg Board:

Ordinary Firsts quotable at 13½c.
"Firsts" quotably 15c per dozen.
"Prime Firsts" quoted at 16c.

Checks or Seconds quotably 4½@7½c, depending on quality.

Dirties quotably 10c per dozen, and candled stock will command a higher price.

The price is about the same as two weeks before.

Live Stock

Indianapolis Market, July 24, 1911.

CATTLE—Good to choice steers, 1300 lbs. and upward, $6.10@6.60.

Good to choice, 900 to 1100 lbs and upward, $5.25@5.75.

HOGS—Best heavies, 210 lbs and upward, $6.85@6.90.

Good to choice lights, 160 to 180 lbs, $6.80@6.85.

MISCELLANEOUS NEWS

REPORTS from Canada wheat are conflicting. Some reports are of a record breaker crop and others that droughts have injured it very much. This uncertainty will continue as long as reporting is left to speculators and will be definite when farmers have their own reporting system. However, the United States Department of Agriculture July report has this to say about the Canadian crops:

Conditions surrounding crops in Canada are, over most of the territory, pronounced flattering. Of the 10,500,000 acres under wheat this season, over 9,500,000 are in the spring wheat provinces—Saskatchewan, Manitoba, and Alberta; the increment in area though perhaps not so great as expected, amounted to 1,200,000 acres, as compared with an increase of 1,500,000 acres in 1910. Ever since the seed went into the ground the spring wheat lands have been saturated by opportune rains and, with some exceptions, favored by forcing temperature. Present prospects therefore, afford a refreshing contrast to those at the same period a year ago, when much of the country was suffering the withering effects of drought.

From the same source we are told that the conditions in Argentinia are favorable with an increase of 5 to 10 per cent. in the acreage of wheat.

Cotton prospects are for the largest crop the country ever raised. To offset this prices are declining and the growers will probably not get as much for it as was paid them for the moderate 1910 crop. October, December and January futures are selling below 12 cents. The cotton growers need a sound and practical organization.

Cotton exports for the last fiscal year were valued at $585,000,000. The next year in rank was 1910, 481,000,000. It is not peculiar to the student of agricultural economics that the quantity exported in the last year was not the greatest. Exports in 1907 were 489,000 bales greater and in 1909 70,000 bales greater, but the values did not reach the last year by over $100,000,000.

Indiana has a law that requires farmers to sell only fresh, sound eggs under penalty of arrest and fine. At various places, while prices were low, they refuseed to market them and fed them to hogs.

A recent Laredo, Tex., dispatch says: "The first solid car load of potatoes ever imported through this port from Mexico was received in Laredo and shipped north. Usually there is a large quantity of potatoes exported to Mexico. The importation of them now is due to the shortage in this country.

A report from Washington, D. C., says: "While the labor unions in this country are largely confined to trades and special callings, those of Australia cover nearly every imaginable character of work. There is now being organized a 'rabitter's" union. This organization is being formed under the auspices of what is known as the "Trappers' League." The men eligible to the "rabbiter's" union, as the name signifies, are those engaged in the hunting of rabbits for the market. Already through the efforts of the young organization, the Minister of Agriculture has made arrangements for the freezing and packing of rabbits to meet the requirements of the rabbit hunters for the coming season.

Flour and grain men report improvement in the export trade. Has any farmer noticed any benefit to his business since the Canadian agreement was passed?

The 1911 hay crop is 50,000,000 tons or less. Last year's was estimated by the government at 60,978,000 tons. We ought to have 65,000,000 tons to supply the demand comfortably. Question; with the hay, corn and oats crops approximately 25 per cent. short, what prices will they sell for?

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 65 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....
R. R. .....County .....State.....
Are you a member of F. S. E.....My Shipping Station is .....On Rail-Road .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.



Ten Dollar Clover Seed—Save It

FROM $2.00 to $5.00 more an acre can be realized from your land if you take care of the clover and alfalfa seed.

The THORNBURGH SIDE DELIVERY BUNCHER AND WINDROWER attaches to any mowing machine and bunches or windrows the hay at the will of the driver, as you cut it. No dragging over the ground, threshing out of seed, and knocking off of leaves. Often when clover is over-ripe 50 per cent. of the seed is lost in raking and tedding.

The SIDE DELIVERY BUNCHER AND WINDROWER is guaranteed to pay for itself every day it is used in labor and seed saved. There are 63,000 satisfied users in the U. S. In cutting clover or alfalfa for seed or for hay or for harvesting peas, vetch, flax, etc., it is as important to the farmer as his mowing machine.

Write for our catalog and read what farmers all over the country say about it. Send your dealer's name.

THE THORNBURGH MANUFACTURING CO.

Dept 6
BOWLING GREEN, OHIO



O K CHAMPION DIGGERS



Get all the Potatoes out of the ground in perfect condition. Our Two-Horse Elevator Digger saves time in your harvesting, and saves money on your own crop We invite comparison with any others.

Free Large Illustrated Catalogue giving particulars, prices, etc., of our full line of Planters, Sprayers, Diggers, etc., on request. Write today.

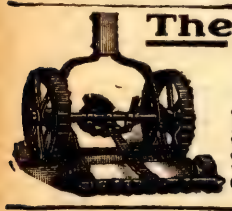
CHAMPION POTATO MACHINERY CO.
117 Chicago Ave., Hammond, Ind.

Buy This
POTATO DIGGER

Extra strong, very durable, light draft, easy on horses, positively best potato digger on market. Fully guaranteed—still priced low. Get free book on Diggers, Pickers and Sorters. **Hoover Mfg. Co., Box 88, Avery, Ohio.**

Transfer points—Buffalo, N.Y., Detroit, Mich, St. Paul, Minn., Marshalltown, Ia., Idaho Falls, Id., Portland, Ore., Spokane, Wash., Winnipeg, Man., Hamilton, Ont., Fond du Lac, Wis.





The CLIPPER

There are three things that destroy your lawns: Dandelions, Buck Plantain and Crab Grass. In one season the Clipper will drive them all out.
Clipper Lawn Mower Co., Dixon, Illinois.

BINDER Attachment with Corn Harvester cuts and throws in piles on harvester or windrows. Man and horse cuts and shocks equal with a Corn Binder. Sold in every state. Price $20 with Binder Attachment. S. O. MONTGOMERY, of Texaline, Tex., writes:—"The harvester has proven all you claim for it. With the assistance of one man cut and bound over 100 acres of Corn, Kaffir Corn and Maize last year." Testimonials and catalog free, showing pictures of harvester.
NEW PROCESS MFG. CO., SALINA, KAN.

Let SANDOW Run It!

Wonderful Work Engine



Farmers and Shop Owners, Stop Sweating! A few dollars gets this grand little work engine, complete and ready to run Cream Separators, Corn Shredders, Grist Mills, Feed Mills, Dynamos, Printing Presses, etc., etc. Gives a lifetime of steady service! All Sizes: 2 to 20 h. p. No cranking! No cams! No gears! Only 3 moving parts. Finest construction. Thousands in use. Guaranteed 5 years. Write for Special Introductory Proposition. (66)

DETROIT MOTOR CAR SUPPLY CO., 62 Canton Ave., Detroit, Mich.

100 Note-Heads 50c

Send 50c for 100 fine white noteheads, full size, ruled both sides, with your name and address and date line in attractive and business-like style. Also 100 envelopes, on fine quality white envelopes, 50c; both, $1.00, postpaid. Guaranteed best work. Sure to please or money back.

Weeds on the Farm

A SOIL that produces good crops will also produce luxurient weeds, but the same soil can not produce crops and weeds at the same time. Purdue University of Indiana, by Arthur Goss, director of its Experiment Station, has issued a valuable bulletin on this subject.

In order to fight weeds successfully, says Prof. Goss, they must be understood. According to natural duration there are in general three classes of weeds, annuals, biennials and perennials. Annuals live but one year; that is they must come from seed each year. If annuals are not allowed to produce seed there can be none of them the next year, except that some seed may fail to germinate the year following their production, but may do so later. Biennial weeds live two years. The first year after germination the plant produces leaves, and may even grow some stems, but normally it produces neither blossoms nor seeds until the second year of its growth, after which it dies. The farmer, therefore, has two years in which to destroy these weeds, but they are usually very tenacious of growth. The roots of perennials live in the ground for a number of years, and grow vigorously from the same root year after year. As common examples of these we may mention dock, buckhorn, Canada thistle, red sorrel, etc. These weeds not only grow and spread from the roots, but they produce seed and multiply and perpetuate themselves in that way also. They are far the most difficult weeds to exterminate or control. Some of them, like red sorrel, grow underground stems that reach out just beneath the surface, and put up new stems from every joint. Cut in no how short pieces, each piece that has a joint or bud, will grow a stem and become a new plant. In a campaign against weeds prevention should be the first care. No matter what the crop, plant only pure and clean seed. But there are other sources of infection that are even more difficult to control. The barnyard manure must be utilized and it is almost impossible to keep that free from weed seed; and the stock in the pastures spread such seeds in their manure, as may the work team in the fields. Even the birds flying over the farm may thus distribute some of the worst seeds.

The important thing in weed destruction, says the bulletin, is to carry out good methods carefully and persistently. The hoe must be depended upon as an important factor in cultivated crops, and sprays are also made effective.

COMING TO IT

OUR readers know that for nearly a decade the urgent teaching of Up-to-Date Farming has been for farmers to hold their surplus crops, not all of them, not enough to shut off the needed supply, but enough to keep the surplus in the hands of the farmers; not to compel exorbitant prices, but to secure reasonable farm profits, to maintain steady prices and to prevent unfair, unjust and greedy speculation from first depressing prices paid the farmers and then robbing the consumers by charging extortionate prices. This we have taught earnestly and persistenty, and our older readers know how the buyers and the press fought us on it, inducing many farmers to ridicule the idea and give their support to our enemies.

But we have won; that is, if the surrender of the enemy and the acceptance of doctrines they had fought and ridiculed can be considered a victory. Read the following from a farm paper that was one of our bitterest antogonists:

If every farmer could store the greater part of his grain crops it would prevent a slump in grain prices at harvest time. If you will notice the markets you will find that the price suddenly drops as the machine begins its merry tune. The reason is that so many farmers dump their grain upon the market at threshing time that the market is glutted.

The speculators have the opportunity they are looking for, they buy up this surplus and store it. When the price goes up later they have the grain to sell at a profit—and the majority of farmers haven't any to sell.

And then read this:

This question of storage is important. No use kicking against the profits of the middlemen who buy your produce in a glutted market, store it and make a profit that you might have made. The thing to do is to follow their example. Speculate with your own stuff. Store your grain, to be marketed in winter when prices are up. Store your fruits and wait until the markets settle back to normal. Store your eggs and get the benefit of winter prices.

Take one more quotation:

The problem of marketing is not given the thought it should receive. Until it is we may look for glutted markets and low prices of farm products.

Thus are we entirely vindicated. What we have labored so long and so earnestly to teach the farmers is right. It is not only right, but it is just to all and a benefit to all, consumers as well as producers. It has been adopted and practiced enough to prove its utility. It only remains to make it general and a part of farm economy. That involves organization. So we argued from the beginning, and thousands of farmers accepted that argument. But for the work of a few selfish men who sought to play to the hand of our opponents, the system would have been a universal fact in farming today. But once more farmers are awake to the situation. They are beginning to see where their interests lie, and they are rallying to the support of those interests. Organization is proceeding as it did in other days—more gratifying because much more to the purpose. What a glorious triumph, a local union in every farming neighborhood would be! And we believe that is the very condition that is coming, and it it coming with pleasing rapidity.

How specially important during a season like this. There is to be a scarcity of food and foodstuffs. Even the speculative buyers are compelled to admit that. In such a case if the supply could be controlled by the farmers, who are always content with reasonable profits, how much better it would be for consumers—for everybody, in fact. This is the strongest argument we could possibly make for pushing the work of organization.

Ann Arbor
"THE BALER FOR BUSINESS"

The Hay Press of Extra Large Capacity

Get the right hay press. The points that count are Capacity, Speed, Economy of operation, and, Durability. You want the press that will bale fastest and cost least to run—that means an Ann Arbor every time.

Bales anything baleable.
73 tons a day its record.
Other sizes from 12 tons up.

It will pay you to write at once for the Ann Arbor books and learn about the recent improvements in hay press construction that increase capacity and durability without adding a cent to the cost.

Over 45 Styles and Sizes

ANN ARBOR BALERS

Horse power, belt power, and traction operated—steel or wood frame—prices reasonable—quality the highest—all backed by positive binding guarantee.

Write for printed matter.
ANN ARBOR MACHINE CO.,
Box 422 Ann Arbor, Mich.



1 MAN HAY PRESS

With one horse you can bale a ton an hour with our wonderful **Daisy.** Self-feed, condenser, bar-sided hopper, and **self-threading** device, reduce hand work, and materially increase the baling capacity. We have hundreds of delighted users. Write today for circular K-139 which gives testimonials, prices and details of five days' free trial.

GEO. ERTEL CO.
QUINCY, ILL.



AUTO FEDAN HAY PRESS

Only successful self-feed; 2 men can operate it; 20 per cent less expense to operate. Record run 3 tons in one hour. AUTO-FEDAN HAY PRESS COMPANY, 1561 West Twelfth Street, Kansas City, Mo.

REQUEST ADVERTISERS WANT TO Know in what Paper they saw. Therefore We TO mention UP-TO-DATE every time you Write to Our Advertisers. their Advertisement you Urgently Request You **READERS.**

GALVANIZED FENCE WIRE



$1.60 FOR 100 LBS. AND UP

This is our price for our No. 9 gauge Galvanized Wire Shorts The terms Wire Shorts is to denote mill ends of regular fence wire. In the manufacture of wire the mills have lengths over that do not run continuously to a coil. We buy these under contract and put them up 100 pounds to the coil. As far as quality is concerned the wire is as good as any regular full length coils of wire. It is smooth plain galvanized. The lengths range anywhere from 25 to 150 feet, but we do not guarantee the lengths.

As near as possible we keep one or two gauges only to a coil. No farm is complete without one or two coils of these handy wire shorts. Extensively used by grape growers and for fence purposes. Sold as is, no come backs.

Prices per 100 pounds as follows: No. 9.....$1.60. No. 10.....$1.65. No. 11.....$1.70. No. 12.....$1.80. No. 13.....$1.85. No. 14.....$1.90. No. 15.....$2.00.

Barbed Wire: Fifty-four cars of four point **Galvanized Hog and Cattle Fencing,** catch weight coils, new, but somewhat weather beaten, per 100 lbs.., **$2.00**

Twenty-Six Inch Woven Wire Fencing, brand new and first-class in every way, extra strong, per rod,... 19½c

Write for our Special **WIRE CATALOG No. N.O.** 204

CHICAGO HOUSE WRECKING CO., THIRTY-FIFTH and IRON STREETS, CHICAGO.

THIS AWL



MYERS
Famous Lock Stitch SEWING AWL

sews shoes, harness, belts, rugs, gloves, etc., etc. A time and money saver in every household, on every farm, for every teamster. Curved and straight needles. Can be carried in the pocket. Always ready to mend a rip or tear. Saves trips to town. Will make it unnecessary to buy many new things.

My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years each, or four subscribers for one year each and I will send this genuine Myers Awl and guarantee it. This is a great offer. Send today.

J. A. EVERITT, Editor, **INDIANAPOLIS, IND.**

Write for our Big Catalog Giving Factory-to-Buyer Prices on this

STORM PROOF BUGGY



Rain-proof, wind-tight in thirty seconds

Cozy Cabs In only thirty seconds, with three simple one-hand movements, this light, easy running buggy can be made rain-proof and wind-tight as shown.

There is plenty of room inside, with a system of ventilation providing fresh air without draft, plenty of light and a good view of the road on all sides. The Cozy Cab is a complete buggy, not an attachment. Send for free catalogue, giving factory-to-buyer prices—16 different models—$37.50 up—25 per cent less than dealer's prices. Pick out the Cozy Cab you like best and we will ship it to you for a thirty days' free trial. Write today for our complete catalogue. Dept. O F 1

Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.

Accept this $25 Suit



One of Many Styles

YES, FREE—our outfit sent you at once with our *new* most remarkable easy money-making offer, with *your* extra sample suit offer too. Be swell dressed, and backed by us in spare time or all time, as our representative in your exclusive territory. No money or experience necessary. No references or red tape. Your best chance is here if you write a postal quick. Our offer means

$5 Per day easy or $30 to $50 a week

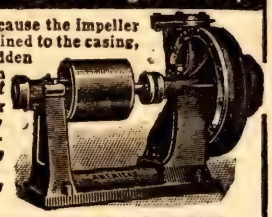
We trust you absolutely. Just show our Big Outfit of Samples and Color Plates of latest beautiful styles. Everything sent *Express Prepaid*. Your friends will grab at this chance to get our perfect hand tailored made-to-measure swellest suits, pants or overcoats. They'll save $3 to $5. Suits $8 up. Biggest profit and confidential special inside wholesale prices to you. Fit, workmanship and material Guaranteed by Bond. Finest in America for style, looks and wear. Undersell all others.

SAMPLE SUIT Just for you. Everything in **FREE** To You **OUTFIT**

SEND NO MONEY *No experience or capital needed.* You want this sure. Don't miss it. We want you. We back one man this way to each territory. Get in quick. No risk. We help and show you. Chance of life to get best clothes, make most money. Keep it to yourself! Hurry postal today.

Great Central Tailoring Co. 756 Jackson Blvd. CHICAGO. - ILL.

⅓ More Water raised and delivered by the "American" Centrifugal Pump



than by others because the impeller is accurately machined to the casing, preventing any sudden change in direction of the water. *Not an ounce* of power is wasted. Every "American" Centrifugal absolutely *guaranteed*.

Write for new *catalog*.

THE AMERICAN WELL WORKS
Office and Works, Aurora, Ill.
First National Bank Building, CHICAGO

CORN HARVESTER with Binder Attachment cuts and throws in piles on harvester or windrow. Man and horse cuts and shocks equal with a corn Binder. Sold in every state. Price $30 with Binder Attachment. S. C. MONTGOMERY, of Texaline, Texas., writes:—"The harvester has proven all you claim for it. With the assistance of one man cut and bound over 100 acres of Corn, Kaffir Corn and Maize last year." Testimonials and catalogue free, showing pictures of harvester, New Process Mfg. Co., Salina, Kan.



Shaving and Toilet Outfit Free

This outfit as illustrated is needed by every man. It is a big bargain. If pieces were bought separately it would cost several dollars. Outfit consists of 10 pieces: 1 hollow ground razor, 1 lather brush, 1 razor strop, 1 nickel easel back mirror, 1 33-inch barber towel, 1 bar shaving soap, 1 box talcum powder, china mug, 1 aluminum comb, 1 bristle hair brush.

Anyone can get this fine outfit by doing us a little favor; costs no money. Send your name and address and we will tell you how easy it is to get.

UP-TO-DATE FARMING
INDIANAPOLIS - - - INDIANA

A PERIOD OF SCARCITY

INDICATIONS unmistakably point to a period of scarcity in this country. Heat has been intense, quite above the normal, in the eastern States; and over the same States, extending well to the South, May, June and July have been unusually dry. The papers have reported heavy rains at intervals, but when the truth of these rains has been known, it has developed that they were only local showers. A letter from Southern Illinois says: "Farmers have almost given up hope for a potato crop, and this part of the State will experience the worst potato famine in years. Present indications are that there can not be more than half a crop of corn." From Iowa we have this word: "There is no hope for grain, pasture lands are burned out, and the potato crop is said to be ruined." Such rivers as the Verdigris are drying up in Kansas, and there is a water famine in many sections. Some of the agricultural authorities of Missouri, are issuing warnings to the farmers, urging them to hold whatever foodstuffs they may have, and to grow whatever may patch in between the ruined crops. Turnips are specially mentioned, as these may be grown though sown late.

Though the past year has witnessed a market drop in the price of farm products, nearly all crops now stand at or above the F. S. E. minimum price, a strong argument for farmers in an emergency like this. Such periods will come sometimes, and they are almost sure to come when not expected. How important is reasonable control at such times. If farmers now had what they have bartered unwisely, it would be easy for them to relieve this painful situation, and benefit consumers more than producers by having stuff on hand to supply the deficiency, and thus hold prices to an equitable level. What our strong appeals may not accomplish the stern reality may. It generally takes a jolt to move things.

THE TURNIP CROP

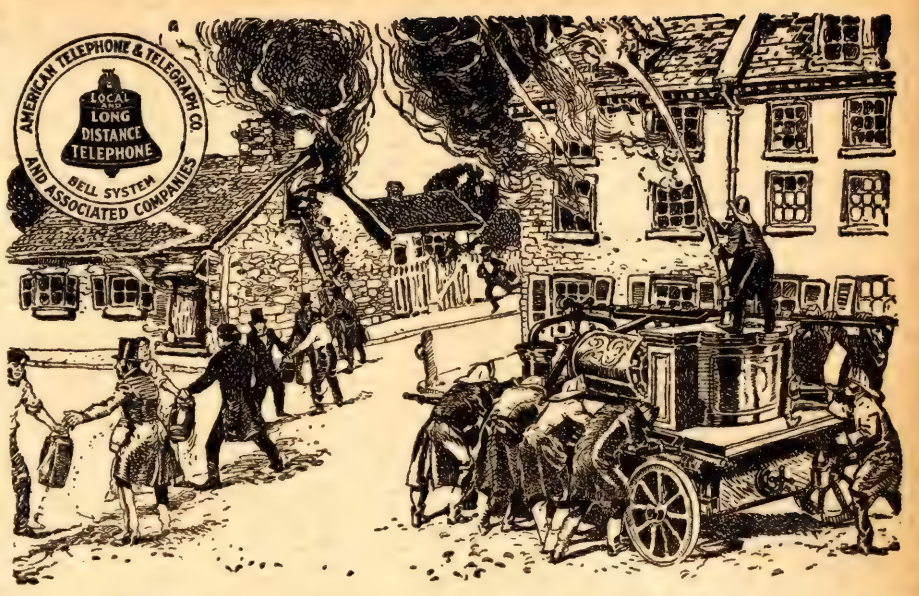
WE HAVE often called attention to the turnip as a crop too much neglected. Of course, in the great farming districts it is not a field crop of very great importance, but in a small way it may be profitably grown on any farm. In the absence or scarcity of potatoes it may become a wholesome article of food, and is also a valuable winter feed for cattle, sheep or hogs. No root crop is more easily saved than turnips. They may be stored in the barn or any outbuilding and covered with hay or straw, or in a cellar, or they may be pitted.

July is a good time to sow turnips, and they will sometimes do well sowed as late as August. They require rich land, and on old land they need plenty of moisture, but on new ground they attain a very good size during a dry autumn.

With hay scarce and at a high price you want to save every pound of it and get the highest price. A hay bailer will help. Look up the several advertisements in this issue and get particulars. Learn how to make more from your hay crop.

Boys and girls, do you want a dandy little pony and cart and harness all for your very own? Of course you do—we know all our boys and girls do. Well, the publishers of the Farmers Wife, 549 Webb Bldg., St. Paul, Minn., are going to give away "Major Patsy" and a complete outfit. We want one of our Up-to-Date Cadets to get it. Write for information—send a postal card if you want to get the pony and you may get him. Wouldn't that be fine?

When buying a machine that wears a lifetime and is either a money saver and maker all that time, or a loser, it pays to buy good. Sharpless Cream Separators are made to last a lifetime. Any reader of Up-to-Date Farming can have one of these separators set up in his house free for trial before buying. Ask about it if you have three or more cows. Ask for catalog No. 136. Sharpless Separator Co., W. Chester, Pa.



Fire Fighting and Telephoning

Both Need Team Work, Modern Tools and an Ever Ready Plant, Everywhere

Twenty men with twenty buckets can put out a small fire if each man works by himself.

If twenty men form a line and pass the buckets from hand to hand, they can put out a larger fire. But the same twenty men on the brakes of a "hand tub" can force a continuous stream of water through a pipe so fast that the bucket brigade seems futile by comparison.

The modern firefighter has gone away beyond the "hand tub." Mechanics build a steam fire engine, miners dig coal to feed it, workmen build reservoirs and lay pipes so that each nozzleman and engineer is worth a score of the old-fashioned firefighters.

The big tasks of today require not only team work, but also modern tools and a vast system of supply and distribution.

The Bell telephone system is an example of co-operation between 75,000 stockholders, 120,000 employees and six million subscribers.

But to team work is added an up-to-date plant. Years of time and hundreds of millions of money have been put into the tools of the trade; into the building of a nation-wide network of lines, into the training of men and the working out of methods. The result is the Bell system of today—a union of men, money and machinery, to provide universal telephone service for ninety million people.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AND ASSOCIATED COMPANIES

One Policy *One System* *Universal Service*

Which One Will You Test on Your Farm for Ninety Days?
Freight Prepaid



Only $29.75 and Up

Which will you try, 30 Days' Free or 90 Days' Approval Test?

—Any capacity from 200 to 950 pounds per hour, according to your needs, and I'll save you from $25.00 to $50.00 on the price.

—The only Separator whose gearing runs in a "Bath of Oil" like a $5,000 automobile—Feature worth $50.00 alone.

—Automatically oils itself—Pour oil at the top, once a month from your oil jug or can—No danger of running dry, or ruining it like others—No oil cups to remember to fill or turn up twice a day.

—Dust-proof — Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

I'll Save You $25 to $50

GALLOWAY'S New "Bath in Oil"
HIGH GRADE STANDARD CREAM SEPARATORS

—Has the only revolving supply tank—worth $15.00 alone.

—Easiest to clean and the few parts come out easy and can't get back out of place.

—Easiest to run—high crank—low tank. With no high lifting and no "back-breaking" cranking.

—Gets the finest quality cream and all of it—no lumps or churning, as Nature's true principle is followed without forcing either the milk or cream the wrong way up or down.

—Skims closest in any climate or season, no matter whether your milk is warm or cold.

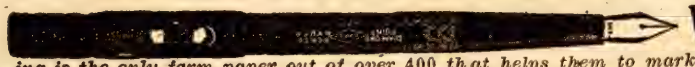
—Is as handsome a machine, compact and substantial, as you ever saw or could find. Beautiful finish.

—Let me send you my Big New Separator Book—post paid—Free, so you and your wife and the boys and girls can talk it over and then try one of my separators under my easy plan for you to do it.

You'll call it the best if you test it alongside any of the highest priced $85.00 and $110.00 separators sold by anybody today—makers—catalog houses—dealers—jobbers or anybody else. Write me today.

Wm. Galloway, Pres.
WM. GALLOWAY COMPANY
503 Galloway Sta., Waterloo, Ia.

Get a Rex Fountain Pen From Me



WRITE *it to your friends that Up-to-Date Farming is the only farm paper out of over 400 that helps them to market their crops to get the most money. Tell them they ought to read it.*

To write such a good message you should have one of my fountain pens. This pen is hard rubber holder and 14 karat gold point, writes smooth and last for years with ordinary care. Few articles are more desired and prized when obtained than a good fountain pen. This is a high grade one. They sell others where used.

My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years, or four subscribers for one year each and I will send the pen as a reward and guarantee it.

J. A. EVERITT Editor, Indianapolis, Ind.

CREAM SEPARATOR USERS
Finally Buy
SHARPLES
Dairy Tubulars

Others have tried disk-filled, complicated or cheap cream separators—and have discarded them for Tubulars. A steady stream of such machines reaches us daily.

There is the best reason in the world for this:

Dairy Tubulars contain no disks—have twice the skimming force of others—skim faster and twice as clean—wear a lifetime—are guaranteed forever by America's oldest and world's biggest separator concern.



Mr. Perry Faringer, Mill Hall, Pa., says: "Have been using Tubular over nine years. Has cost only 5 cents for repairs."

Other separators are still built on a principle we abandoned over 10 years ago. They cannot be compared to Tubulars. You will finally have a Tubular—why not get it first?

Don't you send a cent away—or pay a cent for freight—to try any separator. You can try the quality separator—The World's Best—the Tubular—without investing one penny. Ask us about it.

Other separators taken in part payment for Tubulars.

Write for catalogue No. 136

Sharples 30 Yrs

THE SHARPLES SEPARATOR CO.,
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore.
Toronto, Can. Winnipeg, Can.

Don't Have a Blind One
"VISIO"



An Absolute Cure for
Moon Blindness
(Opthalmia), Cataract and Conjunctivitis
Shying horses all suffer from diseased eyes.

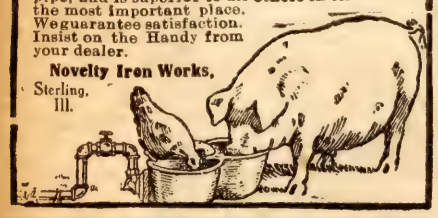
"Visio" will convince any horse owner that it will absolutely cure defects of the eye, irrespective of the length of time the animal has been afflicted. No matter how many doctors have tried and failed, use "VISIO" under our GUARANTEE to refund money if it does not cure.

$2.00 per bottle, postpaid on receipt of price.
VISIO Remedy Ass'n, 2488 Calumet Ave., Chicago, Ill.

The Handy AUTOMATIC HOG WATERER

PURE WATER is essential in fattening hogs. Buy an ever-ready, never-leaking HANDY FOUNTAIN. It will not corrode or rust, attaches easily to tank, barrel or pipe, and is superior to all others in its valve—the most important place. We guarantee satisfaction. Insist on the Handy from your dealer.

Novelty Iron Works,
Sterling, Ill.




Before After

ABSORBINE

Removes Bursal Enlargements, Thickened, Swollen Tissues, Curbs, Filled Tendons, Soreness from any Bruise or Strain; Cures Spavin Lameness, Allays Pain. Does not Blister, remove the hair or lay up the horse. $2.00 a bottle, delivered. Book 1 E free.

ABSORBINE, JR., liniment for mankind. For Synovitis, Strains, Gouty or Rheumatic Deposits, Swollen, Painful Varicose Veins. Allays Pain. Will tell you more if you write. $1 and $2 per bottle at dealers or delivered. Manufactured only by W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.

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Address Box 20, care of Up-to-Date Farming.

HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

Silo---A Money Maker

WILL it pay me to erect a silo is the question that a great many farmers are asking themselves and this is the question that I asked myself for three years. I shall now tell you how I came to build one and what success I had.

In the winter of 1909-1910, I had twelve acres of corn fodder all stacked up and in good condition on the north side of my yard. It was hard to get corn dry in the fall of 1909, so I had to stack a little damp. I had two hogs, four horses, nine milch cows, seven yearlings and a bull to feed the fodder to. Everything went well at first, had good rack to feed in all "O. K."; but it began to snow and blow nearly every day, then the work began. I husked out a bushel of the best corn every day to feed the chickens and horses. I was wet to my neck every day, and as I have only sixty-five acres under cultivation I was short of hay and straw. When the last of February came, the fodder began to heat and a third of it spoiled in spite of me. So my cows had to live pretty light until the grass came.



Mr. Neimeyer's Dairy Herd

I had a hay shed, 20x30 and 13-foot posts, with a lean on one side for cows and an L on the other side for horses and cows. This gave me only room for a small amount of hay and no straw room. The rest of the hay was stacked out, and you know that hay at the best outside is poor. I had intended to add to my old structure to get more room, at a cost of about $500, but something seemed to say to me, "Tear it all down and build a good barn and put up a good silo." So I set to work that day and drew up plans for the new building, 38x84 and 20-foot posts, hip roof, sheeted inside with patent lathes, plastered with hard plaster, with No. 1 stock white pine outside, cement floor and mangers.

I just got it finished in time for hay, which was a short crop of twenty loads. This looked small in a big barn. Then I had ten acres of heavy wheat which I threshed in the barn and also secured eight loads of straw from one of the neighbors. The second crop of hay yielded five loads more, and taken all together, it began to look small on which to winter twenty-nine head of cattle and five horses. I also had seven acres of corn cut, but with that my feed supply seemed insufficient for thirty-four head of stock, when the winter before I had twenty head with twelve acres of corn and forty-two loads of hay.

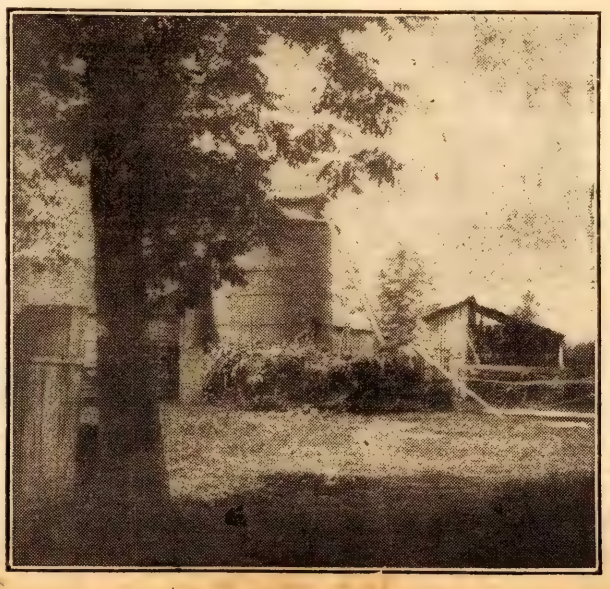
I began to think that I was up against it, so in the first of September I built the silo. I knew what I wanted as I had been looking the different makes of silos over for three years. I ordered a silo 16x30 and a good cutter. On the 20th of September I cut my corn and put it in the silo and put some sweet corn, from which the ears had been taken, on top of the other corn for a blanket, as the silo was not quite half full. The corn was a little ripe, but I added no water, wanting it to cure with its own juice if possible. I watched it very carefully and tramped it every few days and was particular to see that there were no vents in the side of the silo to permit air to reach the corn.

On December 1, I opened the silo to commence feeding; it had settled about fourteen inches, and to my surprise a crust of about four inches only was spoiled on the top. I fed it to the milch cows at the rate of a bushel basket to two cows twice a day. I fed hay three stormy mornings when cows could not be turned outside and $17 worth of bran for December, and as near as I can judge, about one and a quarter acres of ensilage to all of the thirty-four head. During this time I received $104.51 for butterfat and milk, and had remaining 9,000 pounds of skimmilk to feed the hogs, calves and chickens. As near as I can get at it, my corn is paying me $80 an acre. I have fed no hay as yet and have ensilage to run me until June and perhaps longer.

I could talk for a week on this subject, for I have never done a thing in all my life that has given me so much satisfaction as the building of my new silo and barn. To see the cows coming in at night with their milk running freely in the winter and their slickness and good condition looks good to me. The silo will hold twenty acres of common corn or fifteen acres of heavy, or enough to feed forty head of mixed stock. But remember, you must do your part when you feed ensilage. Good feeding and care go hand in hand in getting of the best results.

I will give $5 to anybody doubting any part of this article if he will visit me and, after looking over the results, can say that I have misrepresented it in any way. It cost me $43, exclusive of my own work with team, to cut and place the corn in the silo, and at that I do not believe it is any more expensive than handling the corn in the old way, when it is considered that the work only consumes a day and a half, and also the ease with which the stock is fed in the winter. The stock relishes it so keenly that there is not a shovel-

Filling Mr. Neimeyer's Silo



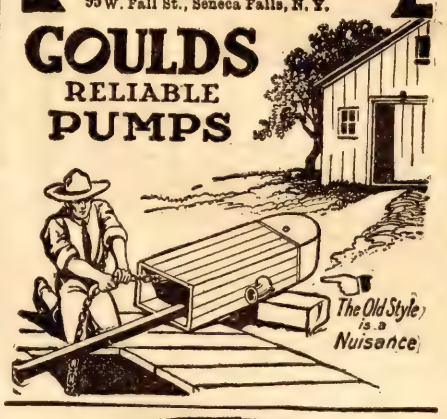
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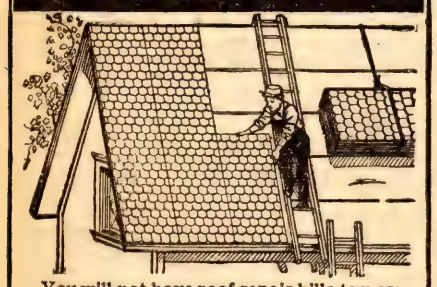
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from a Bone Spavin, Ring Bone, Splint, Curb, Side Bone or similar trouble and gets horse going sound. **Does not blister or remove the hair** and horse can be worked. Page 17 in pamphlet with each bottle tells how. $2.00 a bottle delivered. **Horse Book 9 E free.**

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REQUEST ADVERTISERS WANT TO *Know in what Paper seen. Therefore We* **TO** *their Advertisement was Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

ful of waste remaining. My silo was the first in the section, but everyone is talking silo now. Where three or four farmers combine in the purchasing of a cutter, the expense is greatly reduced. Don't be afraid to put up a silo; it is a money maker.—A. F. P., Wabasha Co., Minn.

WHITTIER'S PRAYER FOR THE BUTTER MAKER

Kind Providence grant thee a life without ills;
May the cows never dry up that feed on thy Hills;
May the cream never fail in thy cellar so cold,
Nor thy hand lose its cunning to change it to gold.

SOME GOOD BIRDS

THERE are not so many birds in the farming sections of the country as there used to be, and there are a great many more injurious insects. Every precaution taken for the protection of birds is a wise measure. A few birds may be injurious to farm, orchard and garden crops, but it is very rare that one does not fully pay in valueable service for all the injury it does.

The Department of Agriculture has issued a comprehensive bulletin on the grosbeak family, a branch of the finches. There are seven distinct varieties of grosbeaks, but two of them are found mainly in cold, mountainous areas, and cut but little figure in agricultural life. The others do valuable service in destroying the farmers' worst insect pests.

These are small birds, and the common red bird, or cardinal, may be taken as a type. They are characterized by a stout form, bright plumage, massive bills and melodious voices. The rose breasted species breeds over Kansas and the mountains of Tennessee. It is admitted that this variety has been known to make food of green peas, but the good work done more than balances this draft upon the garden. It has become famous for preying upon the Colorado potato beetle, and no less than one-tenth of the total food it consumes in season has been proven to be that insect. It also attacks the cucumber beetle, and is an active enemy of the spring and fall canker worm, orchard and forest tent caterpillars, tussock, gipsy and brown tail moths, plum curculio, army worm and chinch bug.

The redbird species range from southern Mexico, Lower California and Arizona north to Iowa and Ontario, and east to the Atlantic coast, spending both summer and winter in the same locality. It has been accused of uprooting sprouting grain, but exhaustive examinations have failed to furnish evidence of that fact; but it has been proven that they fed on locusts, periodical cicada, the Colorado potato beetle, the rose chafer, cotton worm, plum or cherry scale, zebra caterpillar or the cabbage, the cucumber beetles, billbugs, locust, flee beetle, corn-ear worm, cotton cuteworm, southern figeater, codling moth and boll weevil; and they are also consumers of injurious weed seeds.

Other varieties of this bird are the blackheaded grosbeak in southern Mexico, North Dakota and Nebraska; the gray grosbeak, in Texas, Arizona and New Mexico, and the blue grosbeak, that is found in the southern two-thirds of the United States. Wherever found these birds prey upon the farmers' worst enemies.

If a manufacturer said to you: I'll sell you this machine of mine for $25 and throw in $50 cash," would you take it? You would think him crazy. But when Mr. Manufacturer says: "My machine will make its cost every day you use it"—it doesn't look as attractive as the first proposition. But consider it. It means a while lot. The Thornburgh Mfg. Co., Dept. G., Bowling Green, O., says its clover buncher will save its cost every day you use it. Better send for their catalog—and that quick!

She Ought to Have Paid Attention

They had just returned from church, and the mother asked

"Now, Johnnie, what was the sermon about?"

"Weren't you listening, mother?" was the reply.

OUR FLAG **COLE BROS FRANKLIN LIGHTNING ROD** CBFR

OLDEST LARGEST BEST
1849 SIXTY-TWO YEARS 1911.

OLDEST LIGHTNING ROD HOUSE IN THE WORLD. COLE BROS. Franklin Lightning Rod has had a larger sale than any other Rod which was ever made.

COLE BROS. could not have done business successfully sixty-one years, if they had not made a good Lightning Rod. Their Rod has been the **Standard** for more than half a century.

COLE BROS. Franklin Lightning Rod is imitated by many cheap manufacturers, because it is the **best.**

Beware of the cheap imitations. The Genuine has **C B F R** stamped upon the Coupling of every Rod section. Buy no Rod which does not have these letters.

You can't afford to experiment with some cheap flimsy affair, when you can get a **good substantial durable Rod, with an established reputation.**

The Rod which has protected others for **sixty-one** years will protect you.

Look for this It stands for

THE WORLD'S BEST LIGHTNING ROD

RELIABLE AGENTS EVERYWHERE. PATRONIZE THEM.
310 to 320 South Seventh Street. SAINT LOUIS.

You Can Cure That Lame Horse Under A Bond Guarantee



A LAME horse means money lost. You can neither work him or sell him to advantage. There is no excuse for your having a lame horse about the place for **we absolutely guarantee Mack's $1,000 Spavin Remedy to cure spavin and send you a bond to back up the guarantee.**

He Asks You To Please Send This

This is a straight-forward business proposition that you cannot overlook if you have a lame horse. Not only for the sake of the horse—but for your pocket-book as well, you should read every word of this advertisement and then send the coupon without the loss of an hour.

Don't let your horse suffer—don't sell him for a few dollars—ask us to tell you how to remove the lameness safely, surely and quickly.

Under $1000 Bond We Guarantee Mack's Remedy to quickly and permanently relieve the worst case of Bone or Bog Spavin, Ringbone, Thoroughpin, Curb, Capped Hock, Shoe Boil, Sprung Knee, Lacerated and Ruptured Tendons, Sweeny and all other forms of lameness affecting a horse. Contains nothing that can injure the horse and heals without leaving scar, blemish or loss of hair. We positively guarantee every bottle of Mack's $1,000 Spavin Remedy; if it fails, you get back every cent you paid for it as stated in our $1,000 Warranty Bond.

Relieves Cases Formerly Considered Incurable

No matter how long your horse has been lame, or what the nature of his lameness, you can absolutely rely upon **Mack's $1,000 Spavin Remedy.** We know of many cases where owners have paid out big fees and had valuable animals tortured with "firing," "blistering" and other good-for-nothing methods and as a last resort tried **Mack's $1,000 Spavin Remedy,** and were amazed at the painless, positive, quick and permanent cure.

Nearly Every Mail Brings Us Letters Like the Following:

"The remedy you sent me cured the two horses that the hoof was coming off. The mule's foot was nearly off when I got the medicine, but in five days the mule was able to walk on it. The horses are working every day, and have been since using your remedy the third day. It is the best medicine I ever saw for the foot. Our Vet. said those horses would not be able to work in 12 months, but he sees his mistake now. I recommend your medicine to every one as I know it is all O. K." Yours truly,
Ludowici, Ga., Dec. 7, 1910. J. T. COLLINS.

"I am pleased to tell you that MACK'S THOUSAND DOLLAR SPAVIN REMEDY has proved far beyond my expectations. My horse had been lame with side bones on each side of foot for about eighteen months, and I had thought of shooting him at different times. I tried to work him but he would go so bad he would hop along on three legs. My neighbor told me he would never be of any use as they had had horses with the same trouble. I tried other remedies without success, but am working him now and he is sound, and have tested him well. I recommend your 'Mack's $1,000 Spavin Remedy' to all." Yours truly,
Summerland, B. C., Dec. 4, 1910. R. H. STEWART.

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if you ask him. Price $5.00 per bottle. If he refuses, remit $5 to us and we will see that your order is filled without delay.

No matter where, when or from whom you buy **Mack's $1,000 Spavin Remedy** the price is the same. Every bottle is absolutely guaranteed, and is accompanied by our $1000 Warranty Bond, which insures you that your money will be refunded if the remedy fails to do all we claim for it, as stated in our guaranty.

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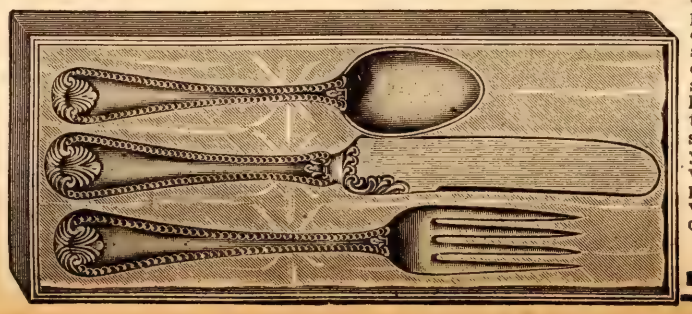
On picture of horse mark with an X just where swelling or lameness occurs, then clip out coupon and mail to us with a letter, telling what caused the lameness, how long horse has been lame, how it effects the animal's gait, age of horse, etc.

We will tell you just what the lameness is, and how to relieve it quickly. **Absolutely no charge. Write today.**

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Send us the Free Diagnosis Coupon, get absolutely free a copy of our book "Horse Sense." Describes and illustrates disease of horses' limbs, shows correct name for every part of horse and tells valuable facts every horse owner ought to know.

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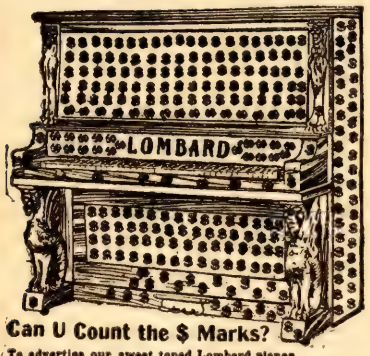
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will be given any person who sends us the correct number of $ marks. $1 will be deducted from the check for each $ mark wrong in your count. Look close—get them all.

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Count the $ marks, and earn a Lombard Piano Purchasing Check. If your count earns the $200 Check, by using it you can save $200 on the price of the piano. Balance of price you can pay in cash, or payments if you wish.

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GINSENG $25,000.00 from one-half acre. Easily grown throughout U. S. and Canada. Our booklet C E tells particulars. Send 4c for postage, McDOWELL GINSENG GARDEN, Joplin, Mo.



THE CROP IN THE HOME

ONE of the best farmers we ever knew lived a close neighbor to us for many years. Everything in the fields had to be kept as neat as a pin, every inch of ground had to be stirred until it was the best tilth, and he would go half across a field to pull a weed out of a hill of corn.

By an unusual coincidence the wife was a good "farmer" as he, and everything about the house was always in the best of order. A speck of dirt was a signal for a special effort, and there was no room for a fly in parlor, dining room, kitchen or pantry.

But there were children growing up on this ideal farm and in this ideal home; bright, sunny faced children. They, however, cut no figure with the crops, nor did the neatness and cleanliness, and every thing in order about the house, extend to the children, except as it applied to the clothing they wore, which, it must be confessed, was all that growing children's clothing could well be. The cultivation of crops was carried to the extreme of completion, but the habits and mental development of the children was entirely ignored. A speck of dirt or fly was an abomination in the kitchen, but an act of disobedience, a cross word, a rudeness, were unnoticed and uncorrected in the children. Plant growth in the fields was carefully watched and industriously aided, but moral growth and mental development in the children received not a thought. These parents loved their children, and thought they were to them all that parents should be, but their minds took the one-sided turn that made them careful with the things of a day and a season and inconsiderate of things of life and eternity. They were tender with and helpful of things they valued only for what they were worth; they took what they were worth; they took as a matter of course the things that concerned the children whom they valued higher than they did their own lives.

Oh, that parents would be more thoughtful and careful of the crops that grow up in the homes. The culture that means so much to humanity, the training for which parents are so fearfully responsible, the weeding out of habits that check moral growth and retard the development of usefulness, the tillage that means so much for the future of humanity. Whatever may happen to the crops in the fields, don't neglect the crops that grow up in the homes.

To Live Long and Be Happy

Do good.

Make some one happy every day.

Work until you are tired; then sleep until you are rested.

Love your work; that is, feel an abiding interest in it, so that there will be pleasure in the doing of it. If you can't love the work you are engaged in, change to something you can; but there is danger of a restless dissatisfaction to change for the sake of change, in the imaginary hope of finding something easier.

Be sure to have plenty of fresh air day and night; live in cool rooms; keep clean by frequent baths. Try to regulate your eating to supply the needs of the body and never eat anything merely to gratify the taste. Keep cheerful, be pleasant with your associates, and always have something useful to do. Think as little as possible of your aches and pains, and never have any fears that you may be sick or grow old. "As a man thinketh in his heart so is he."

Have you a sewing machine? No? My oh, my! you should have. So easy to buy and they save so much work. Write the King Sewing Machine Co., 704 Rano St., Buffalo, N. Y., and learn how easy it is to buy one from the factory. Free trial, too. Send a postal card now.

"Children Teething"

Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

Color of the Wedding Garments

Married in gray, you will go far away.
Married in black, you will wish yourself back.
Married in brown, you will live out of town.
Married in red, you will wish yourself dead.
Married in pearl, you will live in a whirl.
Married in green, ashamed to be seen.
Married in yellow, ashamed of your fellow.
Married in blue, he will always be true.
Married in pink, your spirits will sink.
Married in white, you have chosen aright.

ONLY ON

Smith had a lovely baby girl,
The stork had left her with a flutter,
Smith named her Oleomargarine,
For he hadn't any but her.

A WARNING

"Why, 'Mandy," said old Mammy Dinah, "what's diss I hyah about yo' marryin' dat good for nuthin' Sam Johnsing?"

"Ya-as, Mammy, I suttinly am," said 'Mandy, blushing a rich ochre.

"Why dat man's de naturalest born flirt dere ever was on diss yeare earth, chile," said Mammy. "Why, dey done fiahed him f'm de barbershop caze ebbery time he look in de glass he'd wink t hisse'f!"—*Harper's Weekly.*

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NOW I HEAR WHISPERS
with this artificial EAR DRUM in my ears. I never feel them—they are perfectly comfortable; and no one sees them. I will tell you the true story, how I got deaf, and how I made myself hear.



Medicated Ear Drum Pat. July 15, 1908.



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THE REASON

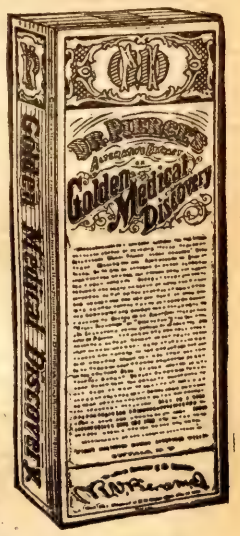
"How effusively sweet that Mrs. Blondey is to you, Jonesey," said Witherell, "What's up? Any tender little romance there?"

"No, indeed—why, that woman hates me," said Jonesey.

"She doesn't show it," said Witherell.

"No;" but she knows I know how old she is—we were both born on the same day," said Jonesey, "and she's afraid I'll tell somebody."—*Harper's Weekly.*

Stomach, Blood and Liver Troubles



Much sickness starts with weak stomach, and consequent poor, impoverished blood. Nervous and pale-people lack good, rich, red blood. Their stomachs need invigorating for, after all, a man can be no stronger than his stomach.

A remedy that makes the stomach strong and the liver active, makes rich red blood and overcomes and drives out disease-producing bacteria and cures a whole multitude of diseases.

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Adventure with a Madman..... ....*Emerson Bennett*
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CADETS of EQUITY

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We begin the letters in this issue with one from a writer who thinks we ought to offer premiums for the best letters. We are glad to encourage our writers, but all connected with publishing houses are busy people. Making a list of the Cadets every week takes no little time, reading and preparing the letters for publication takes a great deal more. Were we to offer premiums that would involve careful study and grading of the letters, the decision of judges, reporting and delivery of premiums, etc. So, for the present, at least, we shall have to forego the pleasure of doing that.

DEAR CADETS: I am a California girl, 19 years old, and was born and raised in this State. My father and family came to this place two years ago, having moved from Tulare county, in the southern part of the State. We now live in the famous Sacramento Valley, 4 miles from Gridley and 7 miles from the beautiful Feather river. The Southern Pacific railroad runs through the town, and an electric car line runs through the valley, with a station 1½ miles east of town. We, therefore, have good transportation service, and if we do not like that, we can ship on the Sacramento river, the loading being 15 miles shrdl to river, the landing being 15 miles west of us. The soil is very fertile here, and we raise almost anything. We have a fine climate, neither too hot nor too cold; and we have plenty of water for irrigation. My father owns a ranch of 400 acres, over one-half of which is sown to grain, which is now (June 21) almost ready to harvest. Our county seat, Orsville, is 17 miles from Gridley, but it takes only half an hour to go there, for the Northern Electric goes through there. To the southwest we can see the Maryville and Sutter Buttes. These Buttes are quite distant from any other mountains, and are thrown up in the middle of the valley. There is a great deal of gold or dredge mining in Butte county, and Orsville is in the center of the mining district. Fruit raising is a great industry in California. Some of the best oranges of the United States are grown here, as well as the finest and juicest peaches, and lots of prunes and wine grapes, all kinds of grapes, in fact. The Sacramento valley is well adapted to all these fruits and grains. It is only a few miles over the hills to the great Pacific ocean; and those who have heard of Mt. Shasta and its history will be interested to know that a day's ride on the railroad on a clear day, brings us in sight of Mt. Shasta's hoary head, from which the snow never melts. Those who have read the story of Kit Karson and his scouts will recognize this country as one of their fighting grounds—the region around Mt. Shasta and up and down the Sacramento river, and the country around Gridley—always killing Indians. If any one cares to ask questions about California or the valley, I will gladly answer all who send return postage.—Nellie Colyar, Gridley, Cal.

No one will be jealous when I say the above is a splendid letter.

DEAR CADETS: I live in Union county, Ark., a mile from the city of Champagnolle, which is on the beautiful Onachita river. I am 19 years old, and what you might call a "hayseed." I live on a farm of 420 acres. We have 5 horses, 3 cows, 20 hogs, and about 100 chickens. We have been taking Up-to-Date for quite a while, and all think it fine; we would be almost lost without our Up-to-Date. I always look forward with much pleasure to the time it is due to arrive, for I know it will not dissappoint me as so many of the others do. I always read the Cadet letters first.

While the days are long and dreary,
And the farm work seemeth hard,
Do not frown; be gay and cheery,
And send to me a pretty card.

I will promptly return all favors.—Asa Skinner, Champagnolle, Ark.

DEAR CADETS: I am a Georgia boy 13 years old. My father is a florist, and raises flowers to sell. We have many kinds of flowers. It is very warm down here, but we have had several big rains this week. I live in the edge of a town of 7,000 population, 43 miles south of Atlanta, the capital, and 60 miles north of Macon, the center of the State. Griffin is the county seat of Spaulding county, and has 15 churches, a city hall, 2 fire departments, 4 hotels, 7 cotton mills, 4 schools and a college, and it has paved streets. There is more cotton on the market than any other product this year. Generally there are more peaches, but the peaches were all killed by a freeze last winter. I like truck farming, and have a watermelon patch and a cantaloupe patch of my own. I will answer all cards and letters you send me.—Merrill Ellis, Griffin, Ga.

DEAR CADETS: Will you allow a jolly, blue-eyed Michigan lassie to join your merry band? I do not take Up-to-Date Farming, nor am I a farmer's daughter, though my mamma takes the paper and is a farmer's wife. That may seem strange, but my father died when I was but 3 years old, and mamma married again when I was 8, and married a farmer. I am now 21 years old, and am a nurse, but I love to come out on the farm. I also love nursing, and I love my patients, and I trust they all love me. If any of you are sick send for me, and I will promise you the best of care. I have been sick abed for 9 weeks with typhoid fever, but I am home now trying to get strong again. The Cadet page is mine; I do so love to read the letters. Mamma has about 200 little ducks and as many chickens. I do so love to ride horseback; I think it is jolly fun. I would like to ride with some of the Texas girls. I have one brother and one sister living, and a sister lying in a grave unknown to me in Oklahoma. My brother lives on a farm of 300 acres, and such fun as I have when I am there. But I must run away or you will think I am never going to stop, yet I haven't told you half I wanted to. I would like to hear from all the Cadets, and will answer all.—Inez Leonard, Mt. Pleasant, Mich.

DEAR CADETS: I am visiting my auntie in the country, and she takes Up-to-Date Farming, and I very much enjoy reading the Cadet letters. I am 14 years old and live in the city, but I visit in the country most of my summer vacations, because I like it better. This summer my little brother was old enough to come with me. I would like very much to hear from the Cadets.—Leona Hoyt, Belding, Mich.

DEAR CADETS: We have just started taking Up-to-Date, and like it very much. I want to join you if you will let me. We don't live on a farm. Mamma has a store and handles millinery goods. My papa is dead; he was a physician. I am 15 years old and will enter high school in September. We have a garden, a nice lot of chickens, and I have 11 ducks of my own. I would like to exchange letters or cards with the Cadets; will try to answer all of them.—Pearl Williams, Sulphur, La.

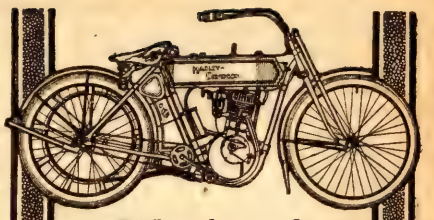
DEAR CADETS: I am 15 years old and weigh 128 pounds. I am a Jim Dandy at gathering beans or picking up potatoes. If Tom Gaston, of Willard, N. M., thinks my weight combined with his 197 pounds enough to hold down a claim, I will be out there on the next train, as I am very much interested in the New Mexico land, especially around Willard. A friend subscribed for Up-to-Date Farming for me, and I like the Cadet page fine.—Celia Floss, Hopetown, Okla.

DEAR CADETS: I greatly enjoy reading letters from the different States, and I think Up-to-Date is a fine far mpaper. I am going to write about the Filipinos, having learned many useful things in correspondence with a Filipino girl named Saleid Gonzalez. She says the streets of Binan are named for Filipino heroes, such as Del Pilar, Lopez, Mabrini and Rizal. Rizal is the principal street, and divides the town. That was the name of their greatest hero. There are three kinds of religions in the Phillippine Islands, the Roman Catholic, the Protestant, the Philippine Independent. The islands now have schools the same as we, and the girls take domestic science three times a week, the boys being given industrial work. The town of Rinan is composed of several barrios—Dito, Balibago, Makabling, Sinalhan, and others of less importance. The chief officers of the town, who enforce the laws, are the president and vice-president. The population is 7,339, and that entitles them to 8 councilors. The houses are built of bamboo, nipa, especially in the southern part of Rinan. Some are made of tin and stone. Different varities of pretty flowers and delicious fruits grow in the yards. There are 50 kinds of bananas. Wouldn't we enjoy having them grow here? I have planted some seed that was sent me from there, and some are growing fine. I have a piece of hemp fiber and also some seed. The hemp seed must be planted in a seed bed to start it where the wind don't blow. When it is about 2 inches high it is transplanted about 3 feet apart. When about a meter high it is transferred to the field where it is to grow from two and one-half to three years, when the fiber may be obtained. They raise there many things that we grow, such as rice, corn, sugar cane, and peaches. Among the birds may be mentioned China, pugo, heron, batobat and crows. I am 17 years old, and would like to correspond with our own people as well as with the Filipinos.—Gladys A. Haaff, Chrisney, Ind.

DEAR CADETS: I am 18 years of age, and live in town, and we have been taking your interesting paper but a short time. I am a "Buckeye." In my early days we moved from Ohio to North Carolina for my father's health. We lived there 15 years. In May of last year we sold out in North Carolina, and moved to Iowa, where my grandparents live, they having moved from Ohio about 10 years ago. My father works at the carpenter's trade, but I would rather be on a farm. I would like a small farm in a wooded country. We are having a hot and dry time here now (July 8.) The thermometer registered 110 a few days ago. We have not had a rain for about six weeks. Work is scarce here now. I recently worked at the packing house of the Clarinda Poultry, Butter and Egg Co. I would like to correspond with some of the Cadets of my age or older in Missouri.—Frank Morris, 208 Spencer St., Creston, Iowa.

I now give the names and addresses of writers whose letters we could not make room for this time.

Oletta Nomland, St. Hilaire, Minn	
Dora Holsworth, Mecosta, Mich	14
Alva R. Hall, Salem, Ind	13
Bert Schroder, Attica, Mich	18
Kerlye Sutton, Bogue Chitto, Miss	
Clara M. Meyer, Elizabeth, Ill	11
Anne Rushke, Rock Falls, Ill	14
Olive Hockinson, Ellston, S. D	10
Velma Coleman, Brule, Neb	9
Verna Fitzgerald, Brownwood, Tex	15
Blanche Buck, Grand Prairie, Tex	9
Dora Kramer, North Topeka, Kas	17
Louisa Fagan, Lewis, Ind	12



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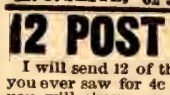


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San Antonio	Pride of the Prairie Mary	Next to Your Mother Who Do You	Won't You Come Over to My House
Silver Bell	In Dear Old Fairy Land	That's How I Love You (Love	Just Because I Loved You So
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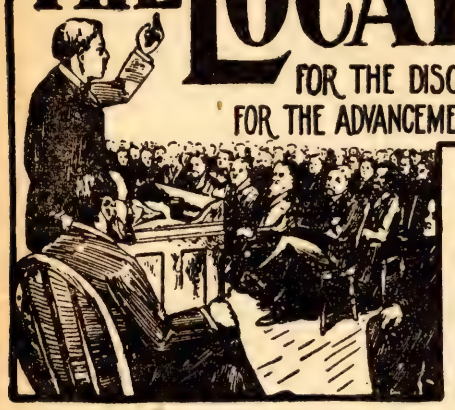


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—o—

This is the slogan for the 1911 Organizing Campaign of the F. S. E.

—o—

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—o—

A couple months ago we called for four hundred organizers. A few more than two hundred have been commissioned to date. We now want the full number.

—o—

Two hundred, the result of our appeal to over 150,000 regular readers, and who believe in our work is not enough.

—o—

We have a thousand letters in the same time, approving our work and expressing hope of our complete success.

—o—

But such expressions, while they encourage us, do not organize local unions.

—o—

There are hundreds of places that have sent urgent appeals: "come and organize us or we perish, the victims of the speculator shark and the exploiting octopus."

—o—

To these we must usually report that the organizers are too few, but organize yourselves.

—o—

Two hundred earnest organizers from our army of 150,000 who understand this movement, believe in it, and are anxious for its success is not enough. Why have so many readers ignored our appeal?

—o—

Not quite with one accord, but too many made excuses. Farmer A. said: "I am too old." Farmer B. said: "I am too busy farming" (raising stuff to dump, we suppose). Farmer C. said: "I am lone handed, my boys have left me and gone to the city." Farmer D says: "We have the ——— here. It does not help us any in marketing, but I am afraid it will make it difficult to organize a local union of the F. S. E." Farmer E said: "The drought has ruined our crops and we will have nothing to sell, therefore, we don't need an organization."

—o—

The old man can send a message by mail or phone to his acquaintances that the F. S. E. seeks to organize a local union and get an organizer for that community. No farmer can be too busy to circulate a blank and get signers for a local union. The Society furnishes the blanks free. These people are deceiving themselves and paying dearly for it. The only way to coax the boys back and make them want to stay on the farm is to have a local union with all its business and social advantages. There is no other society or organization on earth that should stand in the way of the local unions of the F. S. E. Any organized effort, wherever it is, proves that a local union can be organized there when our Society is understood. It is the duty of the readers of this paper to make it understood. And to the last objector we will say, there will be other years and other crops. Organize now, and complete the organization with every eligible person against the time of need.

—o—

We believe many people think we ask them to organize local unions as a favor to us. They do not distinguish between doing it for themselves and doing it for us.

—o—

We want all such to know that because of this paper and the Farmers Society of Equity they are constantly reaping benefits in prices, that they do not see or feel and they are not appreciated. We tell you that the whole agricultural class is today moving more rapidly along the path that leads to industrial freedom than it ever moved before, and because of the unselfish effort of the people publishing this paper and establishing the Farmers Society of Equity.

—o—

If this is true, and it is true, then each person who gets a new member, or organizes a new local union, brings the day nearer when farmers will be independent businessmen as by rights they always should have been.

—o—

Don't think you do it for us, but that you do it FOR YOURSELF.

—o—

"He who would be free, himself must strike the blow."

—o—

So we want at least two hundred more organizers from among our readers. You understand this movement, therefore, you can explain it to others and that is all that is necessary.

—o—

The Farmers Society of Equity is growing faster now than ever before. Nothing like the present progress was ever known before in the history of the movement. All that is needed is more organizers when they can visit all the homes of farmers and bring them into the local unions.

—o—

So this appeal goes out again for more workers. Approval of our work cheers us, but members and local unions count for the final victory. We want more organizers like the one in Multnomah County, Oregon, who gets a member in nearly every home he visits and sends in a list of a hundred or more, weekly.

—o—

Fill out the blank below. Give us an army of four hundred live-wire organizers and the Farmers Society of Equity will sweep the country and every community will soon have its own **permanent business organization.**

—o—

Let's have a local union at every market town and city.

AN INSTANCE OF NEED OF BETTER DISTRIBUTION

Mr. I. M. Fleming, manager of the Georgia Fruit Exchange, says:

Every commission man in the markets making a specialty of fruit will solicit an unlimited quantity of fruit on any particular day, or every day. In the case of the markets of reasonable size that can accomodate one or two cars of peaches a day, they send out a quotation to twenty-five or thirty carload shippers, and I have one concrete case in mind which happened in 1910, where a small market in Ohio sent out a quotation of about $2.00 a crate for Elberta peaches. The market could possibly have handled one and one-half or two cars of peaches in a day—instead of that quantity there were shipped seven cars by independent shippers out of Georgia the same day. The majority of the shipments barely paid freight charges, and it took the market a week or ten days to react.

The same illustration applies to nearly all farm crops. The members of the Farmers Society of Equity using the Equity System need not be caught in such a trap.

WHAT CO-OPERATION WILL DO

G. Harold Powell, of the Department of Agriculture, Washington, said:

As long as the country is prosperous and the present method of distribution and sale does not cause disastrous oversupply in the principal markets, the growers will be satisfied to continue methods now in operation. But as the fruit business increases it will be necessary for the growers' association to develop methods for increasing consumption. This will be accomplished by a more general distribution of their products, by the development of their associations into marketing organizations, by equalizing the distribution of the fruit over a longer period through a greater use of cold storage warehouses, by stimulating a greater interest in fruit consumption through systematic advertising, and by placing the fruit in the consumer's hands at a cost nearer that which the producer himself receives. As the American fruit business increases, the grower may be expected to bring about as great an improvement in the methods of distributing and selling his products to the consumer as he has already accomplished in the handling, grading, packing, and preparation of the fruit for market.

All of which is being accomplished through the F. S. E. and its marketing system.

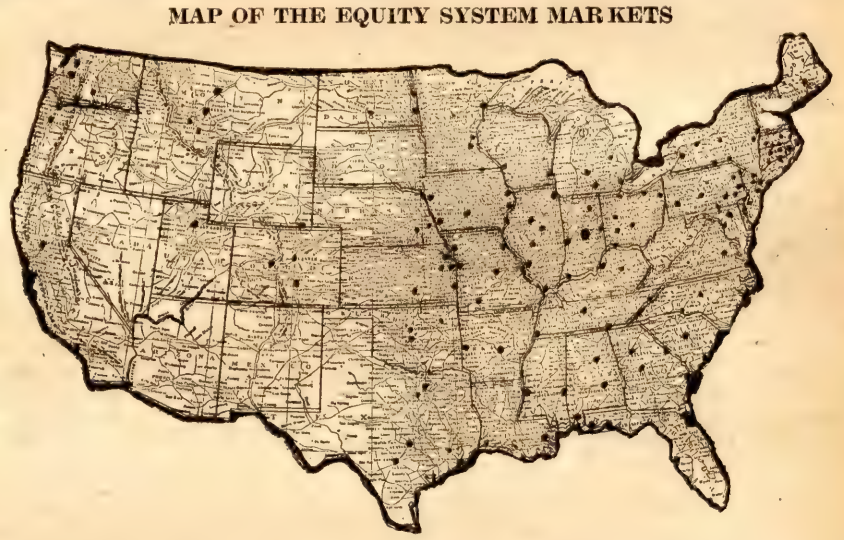
WHAT SIX FARMERS DID

Six years ago six farmers of Lancaster County, Pa., organized a small co-operative association for the purpose of buying what goods they needed directly from the manufacturers and thus getting them at wholesale prices. In one year the organization enlarged to twenty-five members, and did a business of $9,000. They now have a membership of over 500 and do $50,000 worth of business yearly. Last year the association saved its members 20 per cent., and besides that a profit of 10 per cent. was earned.

The association has added other features such as giving entertainments and various kinds of instruction. The experiment has proved such a success that other counties are trying the same plans, and are doing well.—*Exchange.*

Yet they never thought of selling their produce through the club. If 20 per cent. can be saved in buying just imagine what can be made extra in selling all grain, live stock, fruit, vegetables, butter, eggs, poultry, tobacco, etc., etc., co-operatively in one community, and what it will mean with the same plan in all the communities all over the country. Farmers sell more than they buy, or they should. They should seek to make their money in selling more than in buying.

MAP OF THE EQUITY SYSTEM MARKETS



By the time this paper reaches its readers the new directory and key to The Equity System Markets will be ready for distribution. It will contain several important additions and improvements over former issues. First, it contains the names of representatives on more than one hundred markets (each dot on the map above represents a market; some dots are so close to the border that they are confused with the border). Second, the articles each representative will handle will be clearly indicated. Third, the financial worth and commercial credit of each representative will be given. Fourth, millers, who want grain direct from the farms, without passing through any elevators; packers who want to buy stock direct from the raisers, and storers who will receive and store for the producers' accounts, will be features of the new directory.

The Equity System is in successful operation and giving great benefits to farmers and the necessary handlers of farm produce. The directory will be sent to all local unions and members-at-large as rapidly as possible. Farmers who are not members should send $1.00 and become a member-at-large, or send for instructions to organize a local union.

The directory is supplied to members only. This system is worth many times the membership fee to any farmer having produce to sell. There have been many cases where the fact of being a member of the Farmers Society of Equity and entitled to ship through the System caused the local buyer to pay enough more for a car load of produce to pay the dues to the Society for many years.

APPLICATION BLANK FOR AN ORGANIZER'S COMMISSION

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I, ... of .....P. O., R. R.....

County ..... State ..... hereby make application for a commission to organize a local union, or local unions at the following town, towns, of cities .....

My age is ..... My business is .....Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?..... How much time can you give to the work? I give as reference:.....

.....

Please make the attempt to organize your own community, at least.

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

We begin the letters in this issue with one from a writer who thinks we ought to offer premiums for the best letters. We are glad to encourage our writers, but all connected with publishing houses are busy people. Making a list of the Cadets every week takes no little time, reading and preparing the letters for publication takes a great deal more. Were we to offer premiums that would involve careful study and grading of the letters, the decision of judges, reporting and delivery of premiums, etc. So, for the present, at least, we shall have to forego the pleasure of doing that.

DEAR CADETS: I am a California girl, 19 years old, and was born and raised in this State. My father and family came to this place two years ago, having moved from Tulare county, in the southern part of the State. We now live in the famous Sacramento Valley, 4 miles from Gridley and 7 miles from the beautiful Feather river. The Southern Pacific railroad runs through the town, and an electric car line runs through the valley, with a station 1½ miles east of town. We, therefore, have good transportation service, and if we do not like that, we can ship on the Sacramento river, the loading being 15 miles shrdl to river, the landing being 15 miles west of us. The soil is very fertile here, and we raise almost anything. We have a fine climate, neither too hot nor too cold; and we have plenty of water for irrigation. My father owns a ranch of 400 acres, over one-half of which is sown to grain, which is now (June 21) almost ready to harvest. Our county seat, Orsville, is 17 miles from Gridley, but it takes only half an hour to go there, for the Northern Electric goes through there. To the southwest we can see the Maryville and Sutter Buttes. These Buttes are quite distant from any other mountains, and are thrown up in the middle of the valley. There is a great deal of gold or dredge mining in Butte county, and Orsville is in the center of the mining district. Fruit raising is a great industry in California. Some of the best oranges of the United States are grown here, as well as the finest and juicest peaches, and lots of prunes and wine grapes, all kinds of grapes, in fact. The Sacramento valley is well adapted to all these fruits and grains. It is only a few miles over the hills to the great Pacific ocean; and those who have heard of Mt. Shasta and its history will be interested to know that a day's ride on the railroad on a clear day, brings us in sight of Mt. Shasta's hoary head, from which the snow never melts. Those who have read the story of Kit Karson and his scouts will recognize this country as one of their fighting grounds—the region around Mt. Shasta and up and down the Sacramento river, and the country around Gridley—always killing Indians. If any one cares to ask questions about California or the valley, I will gladly answer all who send return postage.—Nellie Colyar, Gridley, Cal.

No one will be jealous when I say the above is a splendid letter.

DEAR CADETS: I live in Union county, Ark., a mile from the city of Champagnolle, which is on the beautiful Onachita river. I am 19 years old, and what you might call a "hayseed." I live on a farm of 420 acres. We have 5 horses, 3 cows, 20 hogs, and about 100 chickens. We have been taking Up-to-Date for quite a while, and all think it fine; we would be almost lost without our Up-to-Date. I always look forward with much pleasure to the time it is due to arrive, for I know it will not dissappoint me as so many of the others do. I always read the Cadet letters first.

While the days are long and dreary,
And the farm work seemeth hard,
Do not frown; be gay and cheery,
And send to me a pretty card.

I will promptly return all favors.—Asa Skinner, Champagnolle, Ark.

DEAR CADETS: I am a Georgia boy 13 years old. My father is a florist, and raises flowers to sell. We have many kinds of flowers. It is very warm down here, but we have had several big rains this week. I live in the edge of a town of 7,000 population, 43 miles south of Atlanta, the capital, and 60 miles north of Macon, the center of the State. Griffin is the county seat of Spaulding county, and has 15 churches, a city hall, 2 fire departments, 4 hotels, 7 cotton mills, 4 schools and a college, and it has paved streets. There is more cotton on the market than any other product this year. Generally there are more peaches, but the peaches were all killed by a freeze last winter. I like truck farming, and have a watermelon patch and a cantaloupe patch of my own. I will answer all cards and letters you send me.—Merrill Ellis, Griffin, Ga.

DEAR CADETS: Will you allow a jolly, blue-eyed Michigan lassie to join your merry band? I do not take Up-to-Date Farming, nor am I a farmer's daughter, though my mamma takes the paper and is a farmer's wife. That may seem strange, but my father died when I was but 3 years old, and mamma married again when I was 8, and married a farmer. I am now 21 years old, and am a nurse, but I love to come out on the farm. I also love nursing, and I love my patients, and I trust they all love me. If any of you are sick send for me, and I will promise you the best of care. I have been sick abed for 9 weeks with typhoid fever, but I am home now trying to get strong again. The Cadet page is mine; I do so love to read the letters. Mamma has about 200 little ducks and as many chickens. I do so love to ride horseback; I think it is jolly fun. I would like to ride with some of the Texas girls. I have one brother and one sister living, and a sister lying in a grave unknown to me in Oklahoma. My brother lives on a farm of 300 acres, and such fun as I have when I am there. But I must run away or you will think I am never going to stop, yet I haven't told you half I wanted to. I would like to hear from all the Cadets, and will answer all.—Inez Leonard, Mt. Pleasant, Mich.

DEAR CADETS: I am visiting my auntie in the country, and she takes Up-to-Date Farming, and I very much enjoy reading the Cadet letters. I am 14 years old and live in the city, but I visit in the country most of my summer vacations, because I like it better. This summer my little brother was old enough to come with me. I would like very much to hear from the Cadets.—Leona Hoyt, Belding, Mich.

DEAR CADETS: We have just started taking Up-to-Date, and like it very much. I want to join you if you will let me. We don't live on a farm. Mamma has a store and handles millinery goods. My papa is dead; he was a physician. I am 15 years old and will enter high school in September. We have a garden, a nice lot of chickens, and I have 11 ducks of my own. I would like to exchange letters or cards with the Cadets; will try to answer all of them.—Pearl Williams. Sulphur, La.

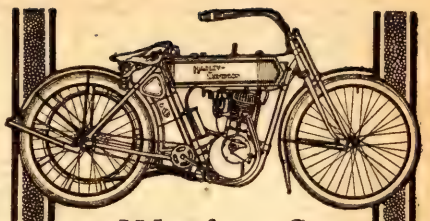
DEAR CADETS: I am 15 years old and weigh 128 pounds. I am a Jim Dandy at gathering beans or picking up potatoes. If Tom Gaston, of Willard, N. M., thinks my weight combined with his 197 pounds enough to hold down a claim, I will be out there on the next train, as I am very much interested in the New Mexico land, especially around Willard. A friend subscribed for Up-to-Date Farming for me, and I like the Cadet page fine.—Celia Floss, Hopetown, Okla.

DEAR CADETS: I greatly enjoy reading letters from the different States, and I think Up-to-Date is a fine far mpaper. I am going to write about the Filipinos, having learned many useful things in correspondence with a Filipino girl named Saleid Gonzalez. She says the streets of Binan are named for Filipino heroes, such as Del Pilar, Lopez, Mabrini and Rizal. Rizal is the principal street, and divides the town. That was the name of their greatest hero. There are three kinds of religions in the Phillippine Islands, the Roman Catholic, the Protestant, the Philippine Independent. The islands now have schools the same as we, and the girls take domestic science three times a week, the boys being given industrial work. The town of Rinan is composed of several barrios—Dito, Balibago, Makabling, Sinalhan, and others of less importance. The chief officers of the town, who enforce the laws, are the president and vice-president. The population is 7,339, and that entitles them to 8 councilors. The houses are built of bamboo, nipa, especially in the southern part of Rinan. Some are made of tin and stone. Different varities of pretty flowers and delicious fruits grow in the yards. There are 50 kinds of bananas. Wouldn't we enjoy having them grow here? I have planted some seed that was sent me from there, and some are growing fine. I have a piece of hemp fiber and also some seed. The hemp seed must be planted in a seed bed to start it where the wind don't blow. When it is about 2 inches high it is transplanted about 3 feet apart. When about a meter high it is transferred to the field where it is to grow from two and one-half to three years, when the fiber may be obtained. They raise there many things that we grow, such as rice, corn, sugar cane, and peaches. Among the birds may be mentioned China, pugo, heron, batobat and crows. I am 17 years old, and would like to correspond with our own people as well as with the Filipinos.—Gladys A. Haaff, Chrisney, Ind.

DEAR CADETS: I am 18 years of age, and live in town, and we have been taking your interesting paper but a short time. I am a "Buckeye." In my early days we moved from Ohio to North Carolina for my father's health. We lived there 15 years. In May of last year we sold out in North Carolina, and moved to Iowa, where my grandparents live, they having moved from Ohio about 10 years ago. My father works at the carpenter's trade, but I would rather be on a farm. I would like a small farm in a wooded country. We are having a hot and dry time here now (July 8.) The thermometer registered 110 a few days ago. We have not had a rain for about six weeks. Work is scarce here now. I recently worked at the packing house of the Clarinda Poultry, Butter and Egg Co. I would like to correspond with some of the Cadets of my age or older in Missouri.—Frank Morris, 208 Spencer St., Creston, Iowa.

I now give the names and addresses of writers whose letters we could not make room for this time.

Oletta Nomland, St. Hilaire, Minn.....	
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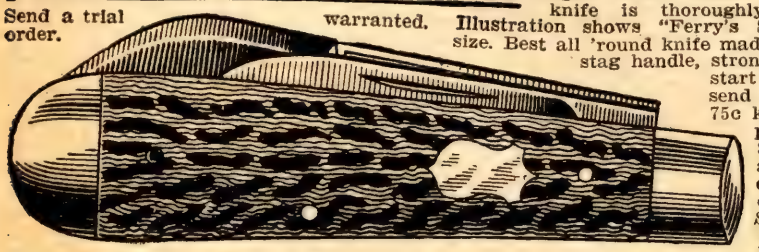

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School Days	If I Only Had the Nerve	O'Brien Has No Place to Go	Longest Way Round is the Sweetest
Ida Ho	Would You Care	Good Bye My Lady Love	Just a Gleam of Heaven in Her Eyes
Casey Jones	You're a Grand Old Flag	By the Light of the Silvery Moon	Wait Till the Sun Shines Nellie
Mandy Lee	Always in the Way	Put On Your Old Grey Bonnet	Has Anybody Here Seen Kelly
San Antonio	Pride of the Prairie Mary	Next to Your Mother Who Do You	Won't You Come Over to My House
Silver Bell	In Dear Old Fairy Land	That's How I Love You [Love	Just Because I Loved You So
Any Rags	Down On the Farm	I've Got Rings on My Fingers	
Teasing	Why Don't You Try	How Do You Do Miss Josephine	
Blue Bell	Honey Suckle Time	I Wonder Who's Kissing Her Now	

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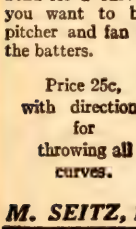
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Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. **Binds and draws the broken parts together as you would a broken limb.** No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.
CATALOGUE FREE.
C. E. BROOKS, 5422 Brook Building, Marshall, Mich

SCIENTIFIC RUPTURE CURE

Don't Wear a Common Truss or Appliance

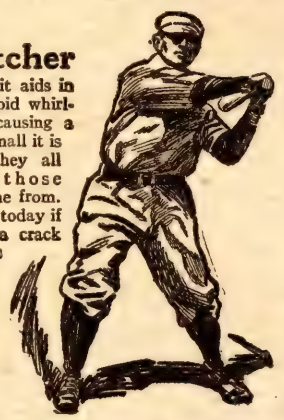


Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.
APPLEY TRUSS CO.
76 Pearl St. Grand Rapids, Michigan



BRAZILIAN LUCKY BUG
Said to bring good luck to the owner. Imported from Brazil. The most beautiful wonder nature ever created. Color of emerald. Sparkles like the most costly gem. Time increases its value. Get a Brazilian Lucky Bug and complete history for **10c**
Bug already mounted in a stickpin, with history, only 17c. Central Outlet Co., Desk O, Rochester, N.Y.

BASEBALL CURVER
Be a Crack Pitcher



Worn on the hand it aids in giving the ball a rapid whirling motion, thus causing a wide curve. So small it is not noticed and they all wonder where those AWFUL curves come from. Send for a curver today if you want to be a crack pitcher and fan out the batters.

Price 25c, with directions for throwing all curves.

M. SEITZ, 167 W. Adams St., Chicago

Tell them you saw the "ad." in Up-to-Date Farming

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Wants $1.00 for Wheat

DEAR EDITOR:

The way you teach is the only way for farmers. What we need is more people to lead in every community so that we may soon put the plans in practice. Farmers here have thought that they could not go farther than to own an elevator and ship their grain. But that is very little benefit, as long as other people make the prices. We must go farther—make the prices, too. In order to prosper we must get $1.00 for a good wheat crop and everything else in proportion. Any person who has followed the so-called reciprocity discussion can not help but see that it was not the intention that the tariff should benefit the farmers. Now that we were making it work for us, it is to be taken away. This should impel all farmers, regardless of party, to join the Farmers Society of Equity. We must fight our own battles—no political party will. I, for one, will do all I can.

An Object Lesson

FARMERS SOCIETY OF EQUITY ... ..

Gentlemen: The people are surely coming to see the importance of co-operation in marketing as well as in many other things. I believe in the abstract, practically all are in favor of it—the price-making and marketing feature. There is a strong object lesson now before them in the price of oats. It advanced in a short time from 33c to 43c. (It is higher since this letter was written.—Ed.) per bushel. This proves conclusively that every bushel of oats raised last year might have been sold for 40 cents or more. If the amount of the present crop could be known, at a central office, where a delegated "board of trade," of the farmers would have the facts before it, we could get a fair price for all of it and still not advance much to the consumer. And likewise with wheat, rye, hay, and later corn, etc.

It seems that the time has come when a local union of the Society can be formed here and at every market town and city to do just such reporting, and receive just such directions as I have intimated.—Thos. E. Scott, Blackford Co., Ind.

Will Be Made Mad

DEAR EDITOR:

I am a regular reader of Up-to-Date Farming and doing a little to spread its principles. Our farmers have been organized for buying only, but I can see some progress being made in the interest of selling our large crops for the benefit of our class. I never dreamed of farmers continuing to be such foolish business men, so long content to "dig and plod" along year after year, having no price in view, that corresponds with cost of production and including a profit. I shall "pound away" and later (if not sooner) enough may be made "mad" to take hold of just your proposition. Our barns are filled to overflowing each year. Our income is about the same each year, but expenses increasing in all directions. Now comes President Taft and proposes to annex the wild and tame lands of Canada, thus bringing the value of our land down to theirs.—F. W. Hicks, Chester Co., Pa.

"Farmers Industrial Freedom" Appeals to Him

MR. J. A. EVERITT, President,

All of the papers, etc., read carefully and I value them very highly. The book "Farmers Industrial Freedom," in particular appeals to me as being the best piece of literature it has ever been my good fortune to read, bearing on the problem of farm life and conditions. Mr. Carnegie and Mr. Rockefeller are searching for ways to dispose of their wealth. Why is it, they can not find a better way than through libraries and hero funds? A million dollars applied to the circulation of such literature as you have written; among farmers and the great mass of consumers would be a thousandfold more benefit than libraries, etc. As for Up-to-Date Farming, I would rather read it than any other paper I know of.—W. A. Strickland, Eddy Co., New Mex.

Will Try His Hand

MY DEAR MR. EVERITT:

I received your letter and was glad to get your message and to know that the old war horse is not blinded or crippled, but ready and willing to again enter into the struggle. The Cause is worthy, the Principles are golden. May God lead us and Success crown our efforts.

"Honor and shame from no condition rise,
Act well thy part, there all honor lies."

I am busy farming, but send me your plans and I will try my hand at the work of organizing.—Ole Oakland, Towner Co., N. D.

No More Worthy Cause

"There is no more worthy cause in economics today than is set forth in the objects of the F. S. E. and its plans for accomplishing them. Once farmers are convinced of the practicability of this movement, they will accept it and make it successful."—J. L. Lemmon, Custer, Co., Mont.

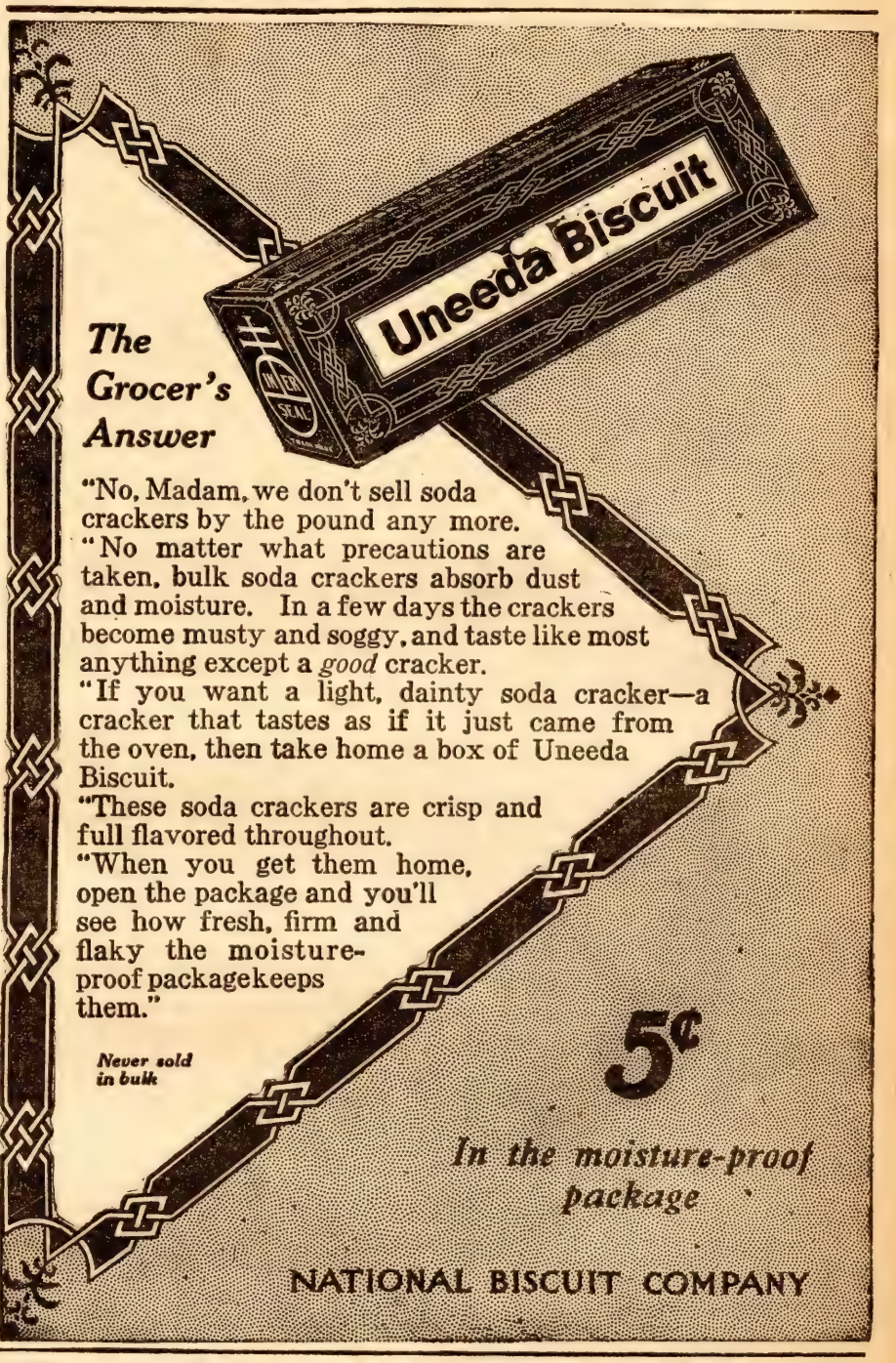
Down With So-Called Reciprocity

DEAR EDITOR:

I am interested in the Farmers Society of Equity and its system for marketing. We know we are not getting enough for our labor compared with the prices paid for what we must buy, and labor. The reciprocity bill has awakened some of the farmers around here and caused them to think as they have not before. The advocates of the bill appear to think that we are not burdened enough, so they try to place another yoke on our necks. I read the Third Power book three years ago. I expect to see a local union here soon.—J. S. La Rue, Houghton Co., Mich.

NEW YORK STATE FARMS

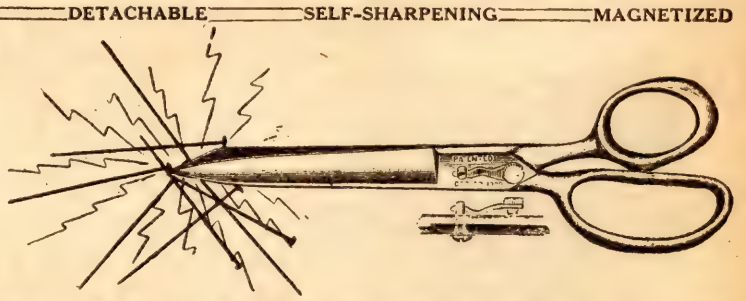
Along and near the historic Mohawk valley. Dairying, fruit, berries or gardening. Excellent markets. Terms reasonable. For particulars write Henderson & DuBois, Insurance and Real Estate, Herkimer, N. Y.



These Magnetic Tension Shears
DO NOT COST YOU ONE CENT

ADJUSTABLE — DETACHABLE — SELF-SHARPENING — MAGNETIZED

Magnetized to Pick Up Needles Etc.



The cutting edge of these shears is indestructible, and will never wear dull. They will cut anything and everything from wet tissue-paper to a heavy horse-blanket. Any woman who has had the exasperating experience of trying to use a dull pair of shears can readily appreciate the value of this latest and most useful household invention, **which keeps this pair of shears always sharp** and in perfect cutting condition. No matter how many pairs of shears or scissors you may have around the house, you need this pair with the Magnetized Tension Spring, and when you get and use them once, you will use them in preference to any other you may have. These **shears** are perfectly finished and heavily nickel-plated, and we want every woman who reads our offer to take advantage of it immediately. Until you have a pair of these remarkable shears **you will never know what perfectly easy and clean cutting means.**

Our Offer to You Send us **25 cents** and we will send you The American Woman until **January 1912**, and will send you, prepaid, one pair of these patented shears. **THE AMERICAN WOMAN, Dept. U Augusta, Maine**

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

REMOVES

GOITRE

A $2.50 TREATMENT FREE.



Don't allow an ugly goitre to disfigure you and sap your vitality. It is dangerous and unnecessary. Send today for my liberal test treatment and be convinced. Many cases report having been cured by this trial treatment alone. Relief from the choking and other alarming symptoms is often noticed within 48 hours. Don't allow past disappointments to discourage you. My success is the result of long study of this disease. I will send you letters from many grateful patients to whom you may write.

Write for the $2.50 Free Treatment today and let it speak for itself. It will convince you. Positively Harmless.

Address DR. W. T. Bobo, Goitre Specialist, 257 Minty Blk., Battle Creek, Mich.

CANCER TREATED successfully without operating. Send today for Free Book. Pay When Cured

DRS. JONES & RINEHART
Suite 32 1724 W. Washington St., Indianapolis, Ind.

Cancer How to treat cancer or tumor by a new home treatment mailed free to all sending address.

Cedar Hill Sanitarium, 403 Broadway, Lebanon, Ohio. We refer to any bank or business firm in Lebanon.

FITS I CURED MY DAUGHTER Doctors gave her up. Will send free. "Give express office." D. Lepse, Island Ave., Milwaukee, Wis.

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST., CHICAGO, ILL.

Tell them you saw this ad in Up-to-Date Farming



FREE

Consists of 8 Balls, 8 Mallets, 9 Wickets, 2 End Stakes, turned from thoroughly seasoned hard Maple, well finished, beautifully striped and varnished. Packed in strong dove-tailed wooden box. All parts made and adjusted with greatest care and each set guaranteed satisfactory.

I will send you this fine set FREE for distributing a few beautiful Art Pictures free among your friends. Write today for handsome pictures with instructions how to distribute under my free plan and earn the fine EPITOMIST CROQUET SET. SEND NO MONEY. Simply say "I want to earn the Croquet Set and will do my best." Address

D. W. BEACH,

Box 27, - SPENCER, INDIANA.

Wants Price Raised to $1.00

DEAR EDITOR:

Why don't you raise the subscription of *Up-to-Date Farming* to $1.00. I believe you would get more subscribers and the subscriber would at once appreciate it more. I know any farmer who knows the paper as well as I do would gladly pay $1.00 a year for it and thus give better support to the work it is doing.—H. H. Church, Des Moines, Iowa.

Raised Their Price

THE EQUITY SYSTEM:

I am sorry to disappoint you by not sending my car of potatoes to the Equity System at St. Louis, as directed. The local buyers raised their bid 10 cents a bushel when they found I was going to ship direct, and I sold them at 48 cents on track.—A. B. Craun, Coldwater, Mich.

(*You need have no regrets. Our aim is to help growers to get good prices. It pleases us just as much when produce can be sold at satisfactory prices at home.*—*Equity System.*)

Wants to Help

DEAR EDITOR:

Please send a sample copy. I want to subscribe. I believe the farmers ought to organize so they can hold their own against other combinations. I read a pamphlet setting forth the plans of the Farmers Society of Equity and my ideas coincide with yours. Organization is our only hope, so I want to help your cause along. Though Up-to-Date we get true market reports and learn the effect reciprocity will have on our business.—Victor Sewards, Cass Co,. Neb.

Has No Use For ——

FARMERS SOCIETY OF EQUITY.

Gentlemen: I received all instructions and will begin organizing as soon as work on the farm will permit. Some of the farmers here belong to the ———, but they get very little, if any benefit in marketing. I have no use for it. The Equity plan and System are the only ones. My wife is as enthusiastic as I am and will both take the field to organize. I denounce the reciprocity scheme in unmeasured terms.

Yours for success.—Fred I. Garland, Elbert Co., Colo.

Profited Very Much

As far as I know I am the only member of the F. S. E. in this community. We have a ———— here, which in effect amounts to but little more than a neighborhood gossip society; nevertheless it makes the problem of organizing more difficult. I have a large farm and I have profited very much by being a member of the Society and using its Marketing System.—K. J., Brookings Co., S. D.

Equity Will Bring it Right

Pearl Ulilla Davis

Lowly Gordon's head was bending, as he
thought of debts to pay
Crops had been a great deal better, but the
prices crushed the way.
His hard toil had made no increase in the
products of his farm,
For the prices had been lowered; helpless
now, he felt alarm.
"Naught can help me now," he faltered.
But two hands clapped in delight,
"Cheer up"—his motherless daughter said;
"Equity will bring it right!"

"Father!" Clara spoke quite calmly,
pointing to the fields of corn,
Which would hardly feed and clothe them
with the prices so for corn.
"I'm a young girl, that you know, dear,
but a way I surely see,
Middlemen have kept you down so, you will
rise with Equity.
Crops must bring a price to help us, this
clear fact you can not slight."
And she murmured to him gently:
"Equity will bring it right!"

"Clara," firmly breathed her father, "You
have opened wide my eyes,
I've been living with my shoulders weighted
down with toil and sighs.
Many times I've thought of equal prices
for the farmer's part,
But I thought it all so hopeless, let it go
with heavy heart,
Now that Justice is before me, I shall join
with aiding light,
Yes, God bless you, little darling!
"Equity will bring it right!"

So he worked again at plowing, but his
troubled heart grew light,
While the earth turned up so mellow, and
the birds sang in delight;
And his horses grew so frisky—seemed to
feel their master's glee,
As he sang behind the plowteam: "Planting
dollar wheat, you see!
No more worry 'bout the prices, now we
farmers see the light,
Hurrah, Bob! Git-up-thare, Nancy!
"Equity will bring it right!"

The O. K. Champion Potato Digger is announced in our columns by the manufacturers who desire our readers to consult their dealers and also write for valuable catalog with excellent illustrations of their full line of potato machinery and supplies. Parties interested should address Champion Potato Machinery Co., 117 Chicago avenue, Hammond, Ind., for information.

Died According to Cause

They were idlers on a street corner, of course, and they were telling of the strange deaths they had known. One said his great uncle swallowed a two-foot rule, and died by inches. Another said his wife's half brother swallowed a thermometer and lied by degrees. "Well," said the third, "I've seen people swallow a quart of whiskey and die full of spirits.

Perhaps many readers of Up-to-Date Farming are thinking of purchasing a motor car. It has proven a profitable investment for thousands of farmers. We suggest sending for the catalog of the Southern Motor Works, 1228 Clinton St., Nashville, Tenn. They not only sell automobiles, but service. Service—satisfaction—it what you want.

Speed like the wind on a motorcycle. Gives you more fun. Helps with the farm errands. Write for instructive booklet to Harley-Davidson Motor Co., 780 L. St., Milwaukee, Wis.

A Doubtful Case

Thoughtful Boy—Papa, do lions go to heaven?

Papa—No, my son.

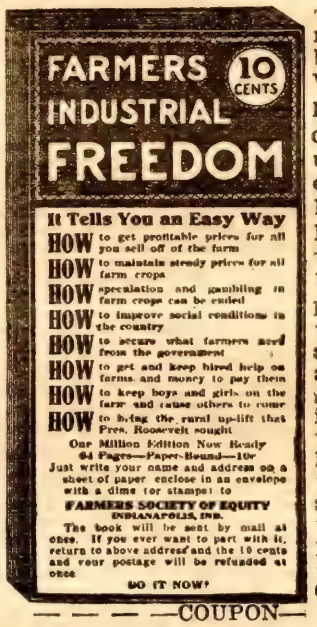
Thoughtful Boy—Do missionaries go to heaven?

Why, no, son.

Thoughtful Boy—But suppose a lion should eat a missionary, how would the missionary get to heaven?

SEND FOR THIS GREAT BOOK

If you are a farmer and have any business troubles read this book. We want to place a copy of this volume in every farm home in the land. It is valuable beyond price, but we will send a copy to any person interested in solving the problems on the farm as shown on the title page, for only 10 CENTS.



—— —— —COUPON— —— —— ——

Farmers Industrial Freedom

Farmers Society of Equity,
Indianapolis, Ind.

Enclosed is 10 cents for which send me the new 64 page book *FARMERS INDUSTRIAL FREEDOM* which explains fully the Equity System for farmers co-operation in marketing, how it will be established, how it will be operated and the benefit to be derived.

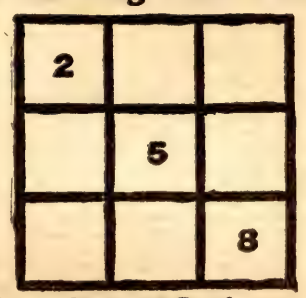
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FREE

$5000 WORTH OF VALUABLE Prizes Given

ABSOLUTELY FREE For Solving This Puzzle



Magic 15 Puzzle

Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

SEND IN YOUR ANSWER. YOU MAY GET THE HIGHEST PRIZE.

Only one answer allowed from the same family. I am offering these prizes in order to introduce and advertise the high-grade Purcell pianos. I will send you the prize you win, with full particulars. Send in your answer at once, on this or a separate sheet of paper, to

I. S. PURCELL

Dept. 71, 14 Western Avenue, Chicago, Ill.

I'll Save You $50

On a Manure Spreader If You'll Let Me

This is just a little ad—but a postal will bring my Big Book—and give you my $50.00 Saving Price and Special Proposition. You can save as much answering this little advertisement as if it covered a page.

My Spreader positively will do better work and last longer than any Spreader made—no matter what the price—so why pay $50 more? 40,000 farmers have stamped their O. K. on my spreader and money-saving price. My Special Proposition will interest you. Just a postal addressed to Galloway of Waterloo, Iowa, will bring you everything postpaid.



Will You Pay a Penny For The Postal and Save $50.00?

Address Wm. Galloway, Pres.

WM. GALLOWAY CO.

509 Galloway Sta. Waterloo, Ia.

Big 30-Cent Value



To introduce NEEDLECRAFT into homes where it is not now taken, we will send it one year on trial and will give you **six stamped Doilies, also 75 Briggs Transfer-Patterns,** for only 30 cents.

NEEDLECRAFT is one of the greatest and best papers in its class. Every page, every line, is interesting, instructive and valuable. **Needlecraft** has the newest and most beautiful fancy-work designs, with the clearest instructions for doing all the different kinds of embroidery, crocheting, lacemaking, knitting, etc. It has an up-to-date fashion service, and supplies to its readers all patterns at 10 cents each. (Most of these sell at the stores for 15 cents). It has the most helpful instructions in home dressmaking and millinery. **NEEDLECRAFT** will enable you to dress yourself and your home in the height of fashion and at the least cost.

SIX HANDSOME DOILIES GIVEN AWAY

This set of six 5-inch doilies, just like the picture, come stamped upon our best quality Butcher Linen and are to be worked in Solid or Eyelet embroidery. When finished they will be a source of delight to every housewife who likes pretty things for her table.

ONE OF THE LARGEST COLLECTIONS OF PATTERNS

This assortment of **Instantaneous Transfer-Patterns** can be used for making more than 100 different articles. Use what you want and sell to your neighbors. The following is a partial list of the different designs; each design may be used for many purposes beside those named:

2 Shirtwaist Designs including fronts, cuffs, collars, and belts; Princesse Dress, waist and skirt; Chemise; Yokes, Dutch Collar; 4 Tie-Ends; Jabot; Picture-Frame; Work-Bag; 2 Summer-Hat Designs; Pincushion-Top; all these with **55 others** just as good, including a complete alphabet.

Send us **30 cents in stamps or silver,** and we will send you Needlecraft **one year on trial** and will also send you, prepaid, the six Doilies and 75 Transfer-Patterns.

Address NEEDLECRAFT, Dept. U., Augusta, Maine.

BUSINESS EXCHANGE

This Department is intended to bring Buyers and Sellers together at Moderate Cost

Auctioneer School

MISSOURI AUCTION SCHOOL—Correspondence course. Free catalog, Trenton Mo.

Farm Lands For Sale

FOR SALE—Fine farm in Le Sueur County, Minnesota. J. C. Hessian, Aitkin, Minn.

MICHIGAN FARMS—Buy where prices are right. Catalog and map free. Kouw & Co., Holland, Mich.

Farms Wanted

FARMS WANTED—We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help locate desirable property Free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL YOUR PROPERTY write Northwestern Business Agency, Minneapolis.

WANTED,GOOD FARM. Well situated. From owner only. Give description and price. Address B. Bahrfeld, Box 754, Chicago, Ill.

Flour and Feed

FLOUR AND FEED—Buy your flour and feed in mixed cars. Delivered quotations on request. Consumers Milling Co., Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

Help Wanted—Male

CIVIL SERVICE EXAMINATIONS open the way to good government positions. I can coach you by mail at small cost. Full particulars free to any American citizen of eighteen or over. Write today for Booklet E839. Earl Hopkins, Washington, D. C.

MEN WANTED for government positions. Influence unnecessary. Average salary $1,100. Annual vacations. Short hours. Steady work. Rapid promotion. Thousands of appointments coming soon. Send postal immediately for list of positions open. Common education sufficient. Franklin Institute, Dept. M-27, Rochester, N. Y.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L511, Marden Building, Washington, D. C.

WANTED—Farmers' sons for railway postal clerks, salary $1,000 to $1,600. Work half time; full pay. Common education sufficient. Write for particulars. American Institute, Dept. 75, Dayton, Ohio.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, Hogs. Catalog 2 cents. Missouri Squab Co., St. Louis.

Miscellaneous

ASTHMA—Sample free, 4 oz. 30c; 1 lb., $1. Instant relief. Sims Tonic Co., Box 1, Antwerp, N. Y.

FREE—"INVESTING FOR PROFIT" Magazine. Send your name and I will mail you this magazine absolutely free. Before you invest a dollar anywhere, get this magazine. It is worth $10 a copy to any man who intends to invest $5.00 or more per month. Tells you how $1,000 can grow to $22,000. How to judge different classes of investments, the real power of your money. This magazine six months free if you write today. H. L. Barber, Publisher, 452, 20 W. Jackson Boulevard, Chicago.

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CAMERA & COMPLETE OUTFIT



25¢ Takes pictures 1½ x 1½. A little gem. Sure to please. Leatherette covered camera and complete outfit of plates, paper, chemicals, &c. with complete instructions so any boy or girl can take GOOD PICTURES of landscapes, buildings, friends, &c. All sent for only 25c (silver) or 3 for 50c.

ALDEN & CO., 1033 N. Keystone, Indianapolis, Ind.



RED WAVE

New Smooth Headed Wheat ---King of the Wheat Field

The average yield of wheat in the United States for a number of years has been only 12 to 14 bushels per acre. To make this low average, probably half the growers had a yield below the average, while the other half had a yield above the average. It is an established fact that 60 bushels of wheat have been raised on an acre of ground. What yield do you get? Are you striving to get the maximum yields? Are you getting such yields as our customers of former years report below? This is a matter that concerns every farmer and his pocketbook.

It is the poorest kind of economy to sow runout varieties of wheat. Every variety runs out—dies—in time, just like people do. The wise farmer will watch when that time comes and will not continue growing a variety after it is in its decline. There is no better way to determine this than to sow the new, vigorous Red Wave, with new blood, alongside of your old kinds. In this way, an occasional small investment will keep any farmer up-to-date with the best grain and it will mean hundreds and thousands of dollars extra profit each year with no more work. We claim our seed wheat is not an expense but an investment.

When you sow our well-graded and cleaned seed wheat do not count its cost as all cost. You save the value of your own wheat, which you would have used. Our kind requires only 1 1-4 bushels per acre—yours 1½ to 2 bushels per acre. Besides, to extra clean yours costs time and wheat cleaned out. In fact, it costs very little more, if any, to sow our new, hardy sorts, and the extra yield will return many more bushels per acre.

When offering Red Wave wheat for the first time two years ago we predicted that it would be one of the most popular rough and ready sorts in cultivation. We meant that it possessed so much natural vigor that it would withstand hard seasons, bad usage and on even indifferent ground make surprising yields. Our prediction has been verified and wherever it was grown it is taking wheat growers by storm. We honestly believe that there is not one of our customers but what will sell all he grew of Red Wave for seed at a high price. Every wheat grower that has seen it growing and threshed wants seed. And it will be the same way for a couple of years more. Very little of this wheat will find its way to the general market for some time.

On hundreds of farms it yielded 10 to 20 bushels more per acre than other varieties. When the increased yield is considered it really is one of the best investments a farmer can make to get seed of the Red Wave. But then there is the satisfaction of growing such a reliable wheat, the profit in selling it for seed and the benefit to the community.

Red Wave is a cross between Early Red Clawson and an unnamed cross breed of Russian wheat. It has a very long, smooth head; grains medium long, large, firm, amber color as harvest approaches, strong and stands medium to tall, has thick walls, clean, golden color, very strong in gluten; the straw grows up splendidly.

In our 30 years experience in growing and introducing new improved wheats we have not had one we could recommend more unreservedly to winter wheat growers than Red Wave.

Read These Reports From the Field

We glean these reports from letters from customers. We do not give full name and address as that would advertise our customers seed to the detriment of our own business. Every reprint is from a bona-fide letter on file in our office.

J. B. Clark & Son, near Indianapolis.—Red Wave has done remarkably well for us. In comparison with other varieties of wheat in this section, it started out more vigorously last fall, grew uniform all along the season, withstood the hard winter much better than others and in the spring stooled better than any other variety. Today, as we are harvesting, it has longer, better filled heads than any other we have seen. We have grown wheat for many years but we have never had a variety which has attracted as much attention and elicited as much favorable comment as the Red Wave. Farmers from all sides are coming to see the wheat and that makes us happy.

Mr. L. S., Hartford Co., Conn.—Red Wave is by far the finest I ever saw. I have selected heads that measure 5½ to 6 inches long, firm, compact and full of plump grains. The parts of the field where the land is good I estimate will yield 50 bushels or more per acre.

W. M., Macomb Co., Mich.—Red Wave has every other kind beaten. We began cutting today (July 14) and am well pleased.

F. W. D., Washtenau Co., Mich.—From one bushel of Red Wave sowed I threshed 20 bushels that weighed 62 pounds to the bushel.

J. H. C., Morgan Co., Ill.—I sowed 30 bushels of Red Wave on 19 acres and threshed 1,099 bushels, one-half of the field averaged 50½ bushels and the other half I fertilized, averaged 55 bushels per acre. The wheat is the finest I ever raised and tests 62 pounds. Just before cutting many people in the neighborhood called to see it and they all pronounced it the finest field they ever saw.

E. W., Oakland Co., Mich.—I raised one acre of Red Wave wheat and it yielded 35½ bushels. Very satisfactory.

W. S., Wabash Co., Ill.—I sowed ½ bushel on ½ acre and threshed 15 bushels of as fine wheat as I ever saw.

W. S. H., Calhoun Co., Mich.—I sowed 2½ bushels Red Wave on 1 2-3 acres and threshed 60 bushels. (36 bushels per acre.) I am entirely satisfied with it.

G. A., Washtenau Co., Mich.—I sowed 5 acres of Red Wave and threshed 184 bushels and have a load of rakings unthreshed. It yielded more than my other variety.

S. T. D., Knox Co., Ind.—Red Wave has grown very tall; some of it six feet high. It got badly torn by hail June 4. I like it very well. It has been estimated to make 40 bushels per acre. Heads from 6 to 8 inches long; from 10 to 13 meshes on a side

The Top Bushels are Profit

Strive for the top bushels. It costs so much for seed, cultivating and harvesting, whether you raise 15 bushels per acre or 40. Good, vigorous seed will increase your yield. Costs very little, if any, more than your own seed. Every added bushel means extra profit for you. Begin to make more this year with the help of our improved seed wheat.

HOW TO ORDER

Send remittance with order, or we will ship to responsible parties payable on arrival and subject to examination if one-fourth is sent to guarantee good faith.

The O. K. Seed Store has been headquarters for the best varieties of Winter Wheat for over 30 years. We sell more Winter Seed Wheat than any other seed house. Every reader of this paper can, with care and good seed, raise crops like those reported above. We refer to any bank or business house in Indianapolis. Central location. Low freight rates. Prompt shipments. Circulars free.

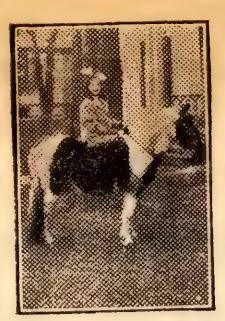
PRICE OF RED WAVE WHEAT

By mail postpaid, 1 lb. 30 cents; 4 lbs, $1.00. By freight or express, not prepaid, ¼ bu. $1.00; ½ bu. $1.50; 1 bu. $2.50; 1 bag (2½ bu.) $5.50; 2 bags (5 bu.), $10.00. More than 5 bushels at $2.00 per bushel. We do not charge extra for bags.

O. K. SEED STORE DEPT. A INDIANAPOLIS, IND



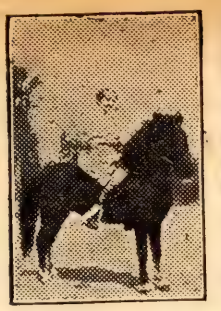
"Queenie" Stan. J. Malicek, North Redwood, Minn.



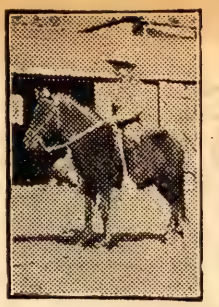
"Evangeline," Gladys Houx, Marshall, Mo.



"Ned," George & Ruby Kobelin, Huntley, Mont.



"Sparkle," Eloise Savage, Watertown, S. D.



"Bonnie," Amyle Kafer Glidden, Ia.



"Fritzie," Marie & Margie Parker, Williamsfield, Ill.



"Sonny," Elmer Hoth, Waukon, Ia.



"Tony," Maurice Himle, Montevideo, Minn.



"Billie," Hazel McMartin, DeSmet, S. D

33 PONIES AND THE BOYS AND GIRLS WHO GOT THEM FREE

Notice we print the photographs, names and complete addresses of 28 of the 33 Ponies and the boys and girls who won them, which we wouldn't dare do if it wasn't true we give away real live Shetland Ponies and complete outfits. The other five whose photographs we haven't room for on this page where given as follows: "Teddy," George Cooper, St. Cloud, Minn., "Trixie," Frank Harris, Billings, Mont., "Mac," Ruth Mead, Slater, Mo., "Brownie," Twylah Hart, R 1, Sidney, O., "Jack," Bernice Harvey, Creston, Ia. If you write these boys and girls (be sure to enclose a two-cent stamp for reply) they will tell you how lovely their ponies are, how easily they won them and how fairly we treated them. None of these boys or girls can compete for "Major Patsy" (which we are going to give to you or some other boy or girl as explained below) because we wouldn't want any one child to win two ponies and it gives you a much better chance to get him.



"Duke," Dorothy Lee Eagle, Kansas City, Mo.



"Don," Oliver E. Olson, International Falls, Minn.

ANOTHER PONY FREE With Complete Outfit Shown Below

If you want us to give you a pony and have your picture printed here next time riding him with these 33 other pony winners, don't fail to send us your name and address today and we will tell you more about "MAJOR PATSY" and how to become a contestant for him. We can't send you a pony unless you send us your name and address. We have given away more ponies than any other publisher in the United States and we are going to give away a lot more. We want to give away enough ponies so that we can just completely cover a page this size with little pictures like these that you see around the edges of this page. If you haven't a Shetland Pony yet and want one, the sooner you send us your name and address, the better chance you will stand of having us give you "MAJOR PATSY" the very next pony we are going to give away to you or some other boy or girl.



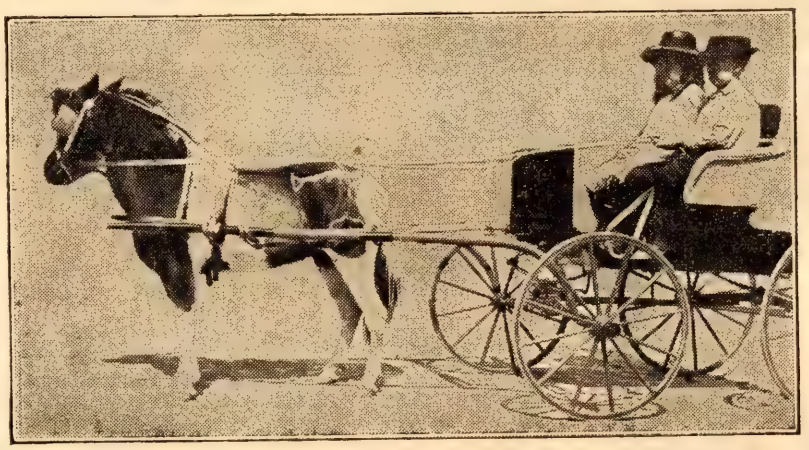
"King," Vic. J. Breitbach Waupeton, Ia.



St. Nick," Marcella Conley, Ionia, Iowa.

"Major Patsy"

is a dandy three-year-old spotted pony, 43 inches high, and weighs about 350 pounds. He looks like the ponies you see with circuses and just exactly as pretty and cute and smart. We selected him at the famous Heyl Pony Farm, Washington, Ill., where there are hundreds of the finest kind of Shetland Ponies. He dearly loves children and is the dandiest chum you could possibly desire. He can haul a wagon-load of youngsters along at a merry clip. If you send us your name and get him everybody in town will envy you. And you would be the happiest child alive if "Major Patsy" was yours. Think of the fine times you can have taking your friends driving all around. Read this page through carefully and then send your name and address to us at once.



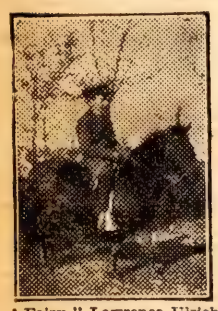
WOULDN'T YOU LIKE TO DRIVE TO SCHOOL IN THIS OUTFIT?

The Outfit

And best of all we send free with "Major Patsy" the complete Pony Outfit as you see it in the picture. The pony-wagon is just the best we could buy for our purpose. We have given away so many that we know exactly what kind most boys and girls like. The handsome black harness with nickel trimmings looks just fine on "Major Patsy." No child, no matter how rich his parents may be, owns a more desirable pony outfit than this one which we are going to send free and pay all freight and express charges. This is surely the best chance you ever had to get a Shetland Pony, so if you haven't one and would like to have us give you this one send us your name and address right now.



"Spotty," Mildred Etter, Madelia, Minn.



"Fairy," Lawrence Ulrich, Rosemount, Minn.

DON'T LET ANYONE PERSUADE YOU THAT YOU CANNOT GET IT

Don't let anyone persuade you that you cannot get "MAJOR PATSY." If you have been unsuccessful in other contests don't let that discourage you because our plan of conducting pony contests is different from others. We are publishers of The Farmer, Farmer's Wife and Poultry Herald. The Banker or Postmaster in your town undoubtedly knows of Webb Publishing Company, one of the largest publishing houses in the United States, so we can well afford to give away so many ponies. Our contests are very short and you or some other boy or girl will get "MAJOR PATSY" and have him to drive to school and everywhere. We never heard of one of these boys or girls to whom we gave ponies until they wrote us they wanted one, which shows you how fair and square our pony contests are and that no matter where the winner lives, "MAJOR PATSY" will be sent without one cent of cost



"Laddie," Robbie E. Notton, Nashua, Ia.



"Derby," A Fitzsimmons, Prairie du Chien, Wis.



"Beauty," Bertram Eldridge, Bradford, Ill.

Send Your Name Today

Our ponies are given away so quickly that you will stand a better chance to get this one if you sit right down and write us a letter or a postal card or send the coupon opposite filled out with your name and address (either way will be all right). Any boy or girl who can drive a pony can become a contestant for "Major Patsy."

Cut Out and Sign this Coupon or Copy on a Postal Card and Mail Today

The Farmer's Wife, 549 Webb Bldg., St. Paul, Minn.
Please send me Certificate of Entry, and pictures of "Major Patsy" and tell me how to take care of Shetland Ponies and feed them. I haven't any Shetland Pony and want to own "Major Patsy."

Name.....

R. F. D.....

P. O.....

State.....

Every Contestant A Prize Winner

All contestants will surely get a prize of their own choosing from a list which we will send you. If you become an enrolled contestant in this Pony Contest you can't lose. But don't let anyone persuade you that you can't win "Major Patsy" because you have the same chance as any other child.



"Daisy," Leta Hainline, Orient, Ia.



"Mischief," Orville Himle, Montevideo, Minn.

Be Sure to Address all Letters to THE FARMER'S WIFE 549 Webb Building, St. Paul, Minn.



"Bob," John B. Corn, Jr., Little Rock, Ark



"Dandy," Grace Burrows, Delano, Minn.



"Bess," Wilferd Dearchs, R. 1, Burt, Ia.



"Jim," Joey Edwards, Hoisington, Kas.



"Prince," Norris Nupson, Preston, Minn.



"Jerry."



"Tom."



"Captain."

These three ponies were given away June 26. Winners announced July 5, 1911

Pass This Paper to Your Neighbor---Make It Circulate

Up-To-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | AUGUST 15, 1911 | Number 16

1911		August				1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 1st	F. M. 9th	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	L. Quar. 17th	N. M. 23d

Up-to-Date Farming

PUBLISHED TWICE A MONTH

EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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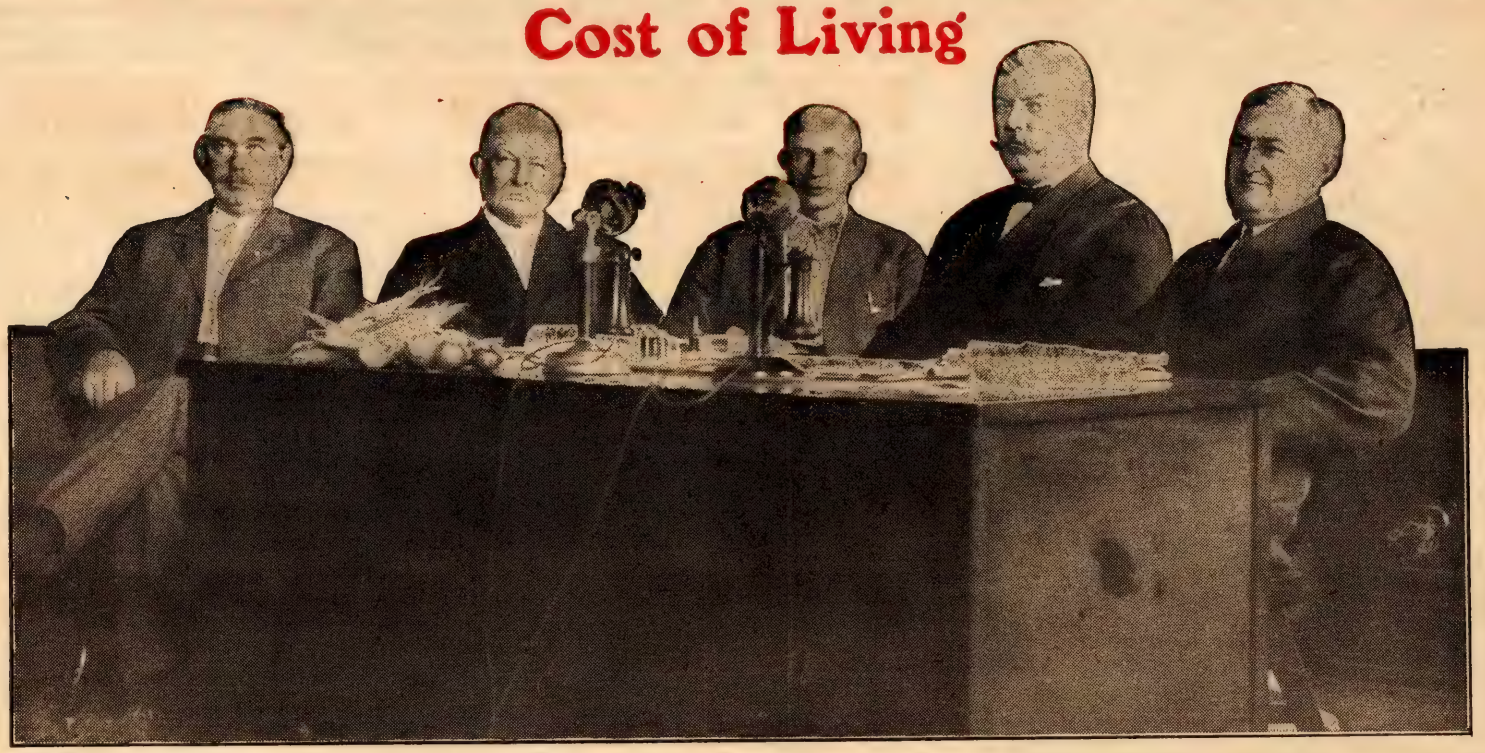
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Indianapolis Committee to Investigate the High Cost of Living



Left to Right—J. A. Everitt, President Farmers Society of Equity; Felix T. McWhirter, President Peoples State Bank; Carl Shank, Market Master; Frank P. Duffy, International Secretary-Treasurer of the United Brotherhood of Carpenters and Joiners; Cassius C. Hadley, President Commercial Club.

Mayor Shank in instructing the Committee, said: I want you to investigate fully the problem of the high cost of living; the market conditions prevailing here; how many farmers sell their products at retail, and make any recommendations which you believe will tend to reduce the cost of living."

(See also Page 12.)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

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Let us give you the grand collection of forty-one complete Novels, Novelettes, and Stories. They were selected with great care from the works of the most popular writers. Each is a finished story in itself. All are well printed from the best type, on good paper. Firmly bound paper covers. We will give you this whole big collection of fine reading just to make you acquainted with our interesting paper, THE AMERICAN WOMAN. Here are the forty-one titles:

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A Countess' Hatred .....*M. T. Caldor*
The Puritan Captain ..*Jane G. Austin*
Nannie Ansar's Story *Mary Kyle Dallas*
My Sister Marcia ..... *Louise Chandler Moulton*
The Day of My Death..... *Elizabeth Stuart Phelps*
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A Night of Danger ..*Mary Kyle Dallas*
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The Haunted House at Wicklow.... *Arthur L. Meserve*
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A Marvelous Cure .....*Clara Augustus*
The Hundredth ....*Jeanne O. Loizeaux*
The Death Shot .....*Emerson Bennett*

EVERYONE LIKES THE AMERICAN WOMAN

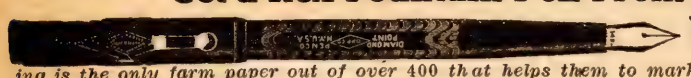
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The American Woman, Dept. U, Augusta, Maine

Get a Rex Fountain Pen From Me



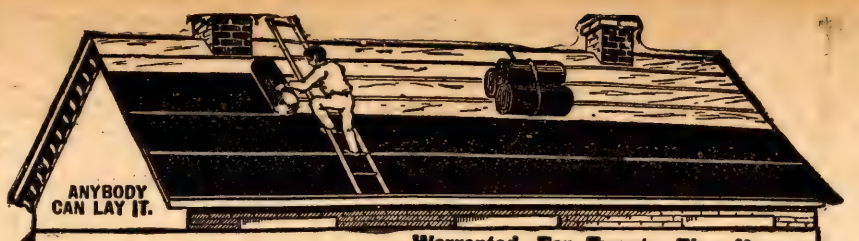
WRITE *it to your friends that Up-to-Date Farming is the only farm paper out of over 400 that helps them to market their crops to get the most money. Tell them they ought to read it.*

To write such a good message you should have one of my fountain pens. This pen is hard rubber holder and 14 karat gold point, writes smooth and last for years with ordinary care. Few articles are more desired and prized when obtained than a good fountain pen. This is a high grade one. They sell others where used.

My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years, or four subscribers for one year each and I will send the pen as a reward and guarantee it.

J. A. EVERITT, Editor, Indianapolis, Ind.

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Rubber Roofing

Warranted For Twenty-Five Years.
FREIGHT PAID To Any Station East of Rocky Mountains, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

ONE-PLY .... Weighs 35 lbs., 108 Square Feet, $1.10 per roll.
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Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.
CENTURY MANUFACTURING COMPANY, Dept. 630, East St. Louis, Ills.

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Send a trial order.



Every "Ferry" blade is hand forged from razor steel. Every knife is thoroughly tested and warranted. Illustration shows "Ferry's Special" exact size. Best all 'round knife made for farmers; stag handle, strong, durable. To start you we will send one of these 75c knives for 49c, postpaid, 5 for $2.10. This is an exceptional offer. Send today.

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This is a serviceable, 16 size, men's or boys' watch, one of the best of the popular priced watches made. With each watch we send you the manufacturer's *One Year* guarantee. Watch is *Gun Metal* finish, *Stem Wind* and *Stem Set*, with second hand. We will send it to you by mail, postage paid, and

It Does Not Cost You a Cent

If you want this watch free send for our easy plan. Any man or boy can have one of these fine watches for less than one hour's effort. Our plan is new. Don't let someone get ahead of you. You send in your name now for our proposition. Better do this today and in a short time the watch will be yours. Make all the other fellows envious. If you want the watch write today to

UP-TO-DATE FARMING, Indianapolis, Ind.



SEND YOUR NAME FOR THIS 33 PIECE DINNER SET

WE WANT EVERY LADY READER TO HAVE A SET FREE

6 Large Dinner Plates
6 Fine Cups
6 Fruit Dishes
1 Oblong Meat Platter
6 Breakfast Plates
6 Saucers
1 Large, Fine Vegetable Dish
1 Fancy Bowl

We have examined set after set of dishes made by the leading manufacturers and have selected this one as being the best. This Royal Blue and Gold set we want in every home reached by our paper.

There are 33 pieces in this set and we want you to notice they are all large pieces—none small and useless. You will find this a most serviceable set of dishes and one you will be proud to place before "company."

The edges of dishes are tinged with a deep blue, fading into the pure white. A wide, rich gold band decorates each piece; also a delicate gold wreath. After being carefully colored these dishes are glazed, consequently the dishes always keep their color.

The Illustration Gives Little Idea of Their Beauty

The illustration is too small to give you any adequate idea of the beauty and richness of this set. The cups are a neat, dainty, stylish pattern.

We positively guarantee complete satisfaction with this set of dishes, or you may return them at our expense. We guarantee safe delivery to you—no broken dishes. When we say this is a first class set of dishes we mean it and none need be ashamed to use them. It is quite the contrary with many cheap sets offered as premiums.

Ladies, we have a surprising offer to send you if you clip and mail the coupon. No, we can't make it here; but if you send the coupon you may count on it that you will get a set of these Royal Blue and Gold Dishes.

Do Not Pay One Cent

Remember, you do not pay one cent for this beautiful set. We give it to our friends. And when you send the coupon we will tell you how easily you can get a set. No offer ever made equals this one. No set of dishes ever given surpasses these.

This is not a prize contest where only one person wins and all others are disappointed. Everyone who sends this coupon will get a prize offer. This set of dishes is indeed a valuable prize.

So do this today. Cut out and mail the coupon today, or write your name on a postal card and say you want to get the 33-piece Royal Blue and Gold set of Dinner Dishes. We will understand and lay aside a set for you.

Write now, before you forget.

UP-TO-DATE FARMING
Indianapolis, Indiana

YOU MAY HAVE THIS SET FOR YOUR VERY OWN—SEND THE COUPON

FREE DINNER SET COUPON

UP-TO-DATE FARMING, Indianapolis

Please send me full particulars about your 33-piece Royal Blue and Gold Dinner Set. I want one of the sets; tell me how to get it without cost. Be sure to reserve a set for me.

My
Name .....
Address
.....
.....

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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Volume XIV | **INDIANAPOLIS, INDIANA, AUGUST 15, 1911** | **Number 16**

EDITORIAL

More About the Canadian Agreement

IN UP-TO-DATE FARMING for August 1, we fully discussed the ratification in this country of the notorious Canadian agreement, and it would seem there is nothing further to be said on that subject. But many of our readers, who feel keenly what must be the inevitable effect of the measure in this country, are anxious to have all the information possible concerning it. They are particularly anxious to know what articles are admitted to this country from Canada free and what are not allowed to be sold in our markets without paying a duty is Canada makes a similar law. We gave these quite fully in our previous article, together with the duties that were abolished to let them come in free, but in defference to the wishes of our readers, we again name the articles so admitted:

Live stock and poultry. Wheat, rye, oats, barley, buckwheat, corn, hay and straw. Fresh vegetables, fresh fruits and dried fruits. Dairy products, eggs and honey. Cotton-seed oil and seeds. Fish of all kinds, fresh or frozen, and all fish oils. Certain forms of planed lumber (unfinished lumber). Fencing wire and coke. Wood pulp and print paper and type-setting machines.

It will be observed that nearly all of these are farm products pure and simple. Of course, it does not affect the cotton growers, as cotton is not grown in Canada. The same is true of fencing wire, which is not manufactured in Canada except as it is controlled by our own steel trust; and the manufacture of coke is controlled in much the same way. The free admission of wood pulp (raw material used in the manufacture of paper) and print paper is a sop handed to the American press to win the support of the papers. Thus it will be seen that the articles admitted free are almost entirely in competition with the farmers of this country, and is nothing more nor less than inviting the farm products of Canada to come in and glut our markets. Now note the articles that are not allowed to come in free:

Fresh meats, canned meats and canned poultry and lard. Flours and meals. Manufactured cereals (breakfast foods). Wagons, plows and all farm inplements. Roofing materials, cutlery, bells and gongs. Musical instruments, motor vehicles and boats. Plate glass and aluminum, finished lumber, iron ore, coal and cement. Clocks, watches, feathers, and leather goods. Peanuts, canned vegetables and condensed milk.

Both of the dominant political parties in this country are responsible for the adoption of this measure. The Republican party is responsible through President Taft and the radical leaders of the party machine, and the Democratic party is responsible through an overwhelming majority of its members in both House and Senate, as well as most of its leaders and leading papers. But there are a few in both parties who stood by the agricultural interests of our own country and voted against the agreement. We need not repeat the names as they were given in our previous article.

The entire process by which this agreement has been forced upon the farmers of the United States is one of fraud and deception. It was entered into in the first place; through the machinations and manipulations of President Taft, in a secret manner entirely foreign to the constitutional method of forming treaties. In an address delivered last April in the House of Representatives, a leading Republican congressman said of the Canadian agreement:

> Here is a measure that was made in secret. Is there any one within the sound of my voice on either side of this house, whether he is for or against this bill, far-reaching as it is, affecting every hearthstone, if vitalized, who will say that he knew anything about this agreement until we received the President's message, with the accompanying bill? I pause for an answer. No man arises in his place in this great body and says he was consulted.

A leading congressman, and a Republican also, in a private letter to the writer of this article, said:

> The metropolitan press, with a single exception, does not fairly give the news or reflect the sentiment of the people touching the proposed reciprocity agreement. Oftentimes they suppress the news regarding the matter, and at other times what purports to be news is misleading and worse than silence or outright manufactured news.

Hence, we repeat, the agreement was made in secret and forced upon the country through misrepresentation and fraud. This is in marked contrast with the action taken by Canada in this very matter. When the agreement had been ratified by the Congress of the United States and signed by our President, instead of submitting it to the Canadian parliament Premier Laurier dissolved the Parliament and submitted the question to the Canadian people to be decided by the ballot. The famous American government "of, by and for the people," ruled by partisan politics, enters into an agreement in secret and railroads it through Congress where the class most affected has but little influence, while a dependency of Great Britain ruled by a king, submits the very same question to a vote of the people, even though the Parliament, the Canadian Congress, had to be dissolved in order to do it. The election will be held September 21, and the agreement will no doubt be ratified, as it opens this great market to their products. It benefits Canadian farmers to the same extent that it injures American farmers.

But nature seems just now to favor those who have forced this measure upon us. This is to be a season of small crops and scarcity. Demand will doubtless exceed the supply as compared with other years, and the inflow of Canadian products will not be felt as in years of full crops. This will be taken advantage of to still further deceive the people by making them believe those who opposed the measure were in error. If any should be so deceived they have only to wait until Canadian products are piled upon our own abundant crops. That will open their eyes even though it will close their pocketbooks, or empty them rather. We take this position, and on it we defy contradiction: A big crop can not be added to a big crop without an oversupply and a reduction of prices; and that is what the Canadian agreement is for.

Fifty Millions for Irrigation

WE REJOICE at every public work undertaken by the government, that makes the country greater and better, and benefits as nearly as possible the whole people. But such works should be placed in charge of those who understand the work to be done and are, therefore, qualified to do it; and it should be done with the honesty, fidelity and skill that characterize the best planned and best executed private enterprises. All such works should be absolutely free from boodle and graft and they would be if an unselfish purpose prompted them.

Those thoughts are suggested by the constant stream of boodle charges that come from the national and state capitals, and that are a disgrace to our State and National life. Party rule has become so absolute that the absorbing purpose of the leaders seems to be, to preserve and strengthen the party, and they do things to that end, regardless of what may be the effect on the government or the people. To reward and secure the continuation of the party service, it has become a practice from the presidency down to take care of defeated party candidates by calling them to appointive positions, thus inoculating the public service with those who have been repudiated by their own people. This often brings men into important places that they are not qualified for, and it can but lead to the very results so often manifested in the public service. The West is full of such stories, and people naturally think of them when the vast expenditures on irrigation projects are suggested.

Few government undertakings are greater than irrigation in the arid regions. During the past eight years nearly fifty-three million dollars have been expended for that purpose. Just what in actual value has been accomplished we are unable to say, but we take it for granted that results have been good. For the benefit of our readers we give the following projects and the sums that have been expended on them:

Arizona, Salt River	$ 8,430,950
Nebraska-Wyoming, North Platte	4,609,639
Nevada, Truckee-Carson	3,975,976
Arizona-California, Yuma	3,781,355
Wyoming, Shoshone	3,378,383
Idaho, Boise	3,373,292
Washington, Yakima	3,116,333
Idaho, Minidoka	2,900,896
Montana-North Dakota, Lower Yellowstone	2,888,900
South Dakota, Bellefourche- Oregon-California-Klamath	1,830,600
Oregon, Umatilla	1,155,983
Utah, Strawberry Valley	913,178
Montana, Huntley	854,420
New Mexico, Carisbad	617,665
Montana, Sun River	539,958
Washington, Okanogan	528,171
North Dakota, Williston	528,171
Montana, Milk River	519,387
California, Orland	378,603
Kansas, Garden City	378,316
New Mexico, Hondo	346,025
North Dakota, Burford-Trenton	278,294
Montana, St. Mary	265,874
New Mexico, Leasburg	193,419
New Cexico-Texas, Rio Grande	76,061
Idaho, Snake River storage	69,143
Arizona-California, Colorado Riv.	44,202
Oregon, Central Oregon	10,133
Oklahoma, Cimarron	8,873
Net investment, June 30, 1910..	$52,945,441

In addition to these sums $587,391 have been expended on other projects, $10,955 in the development of town sites, $198,704 in Indian irrigation, and $38,811 for general expenses.

We are not complaining of these sums of money have been expended. If barren lands have been brought into productiveness, and opportunities to make homes have been provided for those that had no homes, then we say it is well and good. But it still remains a fact that this vast expenditure has been for the benefit of only a small portion of our people; and that only a very few of those who pay the money receive the benefits. All over our vast domain great works may be done that would benefit the whole country. There are areas that need drainage to make them fruitful as badly as the arid regions need irrigation.

And the question or roads. How universal is the need for good roads in all our vast agricultural regions. Much is said of these things, but little is done. Here is where farmers should learn a lesson. The West has agitated the subject of irrigation. Those who are interested there knew what they wanted, and they went after it. They made themselves heard, and backed their demands by a united action that compelled results.

Farmers do not do that way. They know what they want, and they talk about it and dispute over it among themselves, but when it comes to a united purpose and the enforcement of their demands they let the "other fellow do it." Farmers united could do anything they wish and secure, in the general interest, anything that is good; but unorganized, they are the most helpless class of our entire population.

But there are signs of a better day. Farmers are taking renewed interest in co-operation, and they are awakening to the necessity of organization on a **definite** and **practical, natural** plan for definite purposes. They are beginning to understand that a little here and there means nothing. Agriculture is as wide as the nation. It covers the irrigated lands as well as those broad and fertile regions that need no irrigation. And crops are as extensive as the lands on which they grow. An organization to be effective must protect them all and reward the labor that produces them. It must also be able to lead into whatever is good and helpful to farmers and the whole people. Need we mention that plan of organization, that simple, practical plan? Our readers are familiar with it, and we may as well leave it to our aggressive organization department.

MR. J. A. EVERITT, Pres.

As a subscriber to UP-TO-DATE FARMING and a member of ——— union, I am writing to ask you where to ship hay, to get the best market. UP-TO-DATE FARMING is the only paper that speaks and acts for the farmer's interests. I am hoping for your continued success.—Lemuel Gadberry, R. R. 3, Elnora, Ind., August 9, 1911.

Awakening Thought

THE Supreme Court is a co-ordinate branch of the United States government. There are three of these branches, the Congress or legislative branch, to enact the laws; the Supreme Court or judicial branch, to construe or explain the laws, and the President, or executive branch to enforce or execute the laws. The Supreme Court can not make a law, nor can it change one; yet it is said that, in its recent Standard Oil decision, it virtually changed the word "every" in the Sherman anti-trust law of 1890 to "unreasonable," and held that in spite of the word "every" in the law, only "unreasonable" combinations in restraint of trade are amendable to the law. The Court then held that the Standard Oil Company is unreasonable, and ordered its dissolution.

This has set the people to thinking. Many have believed that any union of farmers to control, or exercise any control over the marketing of crops, would be a violation of the Sherman law, no matter how reasonable the united effort might be. This decision dissipates all fears of that character. The Orange Judd Farmer says:

> The principle thus established by the United States Supreme Court has the advantage on the one hand of applying common sense to the problem of associated effort, but has the disadvantage of apparently reading into the law a word it does not contain. This latter is a dangerous precedent to establish, but it can be obviated by act of congress. On the other hand, to arbitrarily declare illegal "every" combination interstate in character would be to call a halt to many beneficent forms of associated effort.
>
> For instance, if the farmers in several states co-operate to market their produce and buy their supplies, such co-operative effort would doubtless be considered "reasonable," provided it did not adopt abnormal, violent or wrongful methods to prevent other producers from competing with it. From this point of view such combinations are perfectly legal, as those among the heavy leaf tobacco growers of the South, the grain growers of the West, the producers of milk for the Chicago, New York or Boston markets.

That is precisely what we have advocated all the time. Any one has a right to manage and control his own business, provided that control does not interfere with or abridge the legitimate efforts or rights of any one else. Farmers everywhere produce for a public market, that market being notoriously controlled by those who are neither producers nor consumers except as is necessary to sustain their individual lives and make them comfortable. They control the market for the personal profits they can make out of such control, and as these profits come between the first and last prices the greater the difference between these prices the greater the profits. Hence those who thus control the markets are interested in paying the lowest possible prices to farmers and in exacting the highest possible prices from consumers.

That is the condition of both buying and selling markets today, and the whole world should be favorable to a different control, a control based on Equity and that can exercise no power or influence on any but the original selling price. And that, too, when the system thus advocated makes one of its cardinal purposes to get the stuff by the shortest and quickest and cheapest route to the user. We are glad this important matter, which we have so long and so faithfully advocated, is now so unmistakably vindicated by the Supreme Court. The organization of the farmers for this purpose is a "reasonable" combination.

It Costs the Farmers

IN A RECENT issue of a prominent daily papers, and all the daily papers of that date had practically the same, the market report headings were as follows: "All grains close lower." "Hedging breaks grain, "Cash houses are heavy sellers of futures," "Cotton tumbles heavily," "Futures record another sensational plunge." These headings, of course, were followed by reports of serious drops in price, every fall being a direct loss to farmers and producers. It was all the result of speculative manipulation, and the key to it was in an adjoining column on the same page of the same paper, in a dispatch from Washington headed thus: "Crop conditions good, "Foreign grains appear to be progressing favorably." At the head of the dispatch is the announcement that it embodies reports just issued by the Department of Agriculture, and from it we quote the following significant paragraph:

> Conditions in Canada are, over most of the territory pronounced flattering. Of the 10,500,000 acres under wheat this season, more than 9,500,000 are in the spring wheat Provinces of Saskatchewan, Manitoba and Alberta; the increment in area amounted to 1,200,000 acres.

Then follow statements like the following:

> In Europe winter wheat and rye, on the whole, have fully maintained their former promises.
>
> The wheat crop of the United Kingdom on an increased area is regarded likely to furnish an average yield.
>
> Spain is reported exceptional crops, a recent official estimate putting wheat at 157,000,000 bushels, a new high record.
>
> The Hungarian wheat crop is officially estimated at 163,000,000 bushels.
>
> In Roumania and the Balkan States the prospects are much better than in average years
>
> In Italy better yields than last year are anticipated.
>
> In Argentina popular opinion puts the surface under wheat 5 to 10 per cent. over the 15,500,000 acres sown last year.

These are the statements issued by our Department of Agriculture, that caused the drop in the prices of American grain. It will be observed that not one of them is a positive statement of fact, and only one or two is said to have official reports or estimates for a basis. They are mere reports, or thought to be's, or probabilities, and yet, coming when our grain growers were selling their crops, they cost American farmers millions of dollars.

We wish we could save our farmers from these miserable losses, but the tide is against them, and it is too strong for individuals to stem. Speculators demand just such reports and they get them. Soil tillers as a body must demand more favorable treatment. They can not afford to pay millions of dollars for reports embodying the suppositional officials, even though those opinions may be endorsed by the Secretary of Agriculture. The purpose of such reports is as easily understood as is the effect of them, and they should cease. The power of tillage is greater than the power of speculation, if the former were in shape for it to be exerted. Organization alone can put it in that shape, and we insist upon immediate organization for that and so many other good and necessary purposes.

It Is Up to the Farmer to Manage It

A LEADING farm paper discussing the universality of production and demand, says: "Crops are so arranged (by the creative Power) in the different parts of the world that there is never food enough to glut the markets and deprive the foods of the world of their money value."

That is only partly true. The farmer himself must largely manage that. There have been sore famines in the world at various times and places, and in spite of the fact that there may have been enough produced in the world to satisfy the hunger of all. But the surplus happened to be too distant from the point of need. Whatever part Divine Power played in providing enough it was up to man to arrange for the distribution.

On the other hand, cases are very common where moderate production is followed by glutted markets—markets so glutted that foods are "deprived of their money value." Again the farmers, and not God, are responsible. They knew what they had individually, but they did not know what was needed in the aggregate, nor did they make any study of where their own surplus could find its best use. So they dumped into the common reservoir, greedy speculation hurried it to a common center where glutted markets resulted, and the stuff lost its money value so far as the farmers were concerned. No power but that of the farmers themselves is responsible for that condition, and the same condition will annually arise until the farmers unite to adopt a different system, which, thank God, they are now doing.

Again we quote from the same publication: "If we take the proper view of ourselves as co-operators with the great Power that rules the world, then farming becomes the most dignified occupation on the face of the earth; and the degree of our dignity is measured by our success, by the larger crops we grow, by the extent and efficiency of our co-operation."

Again only partly true. Our success as farmers does not depend so much on the size of the crops we grow as it does on the price we receive for them. Taking it for granted that there has been enough produced in the world to satisfy the needs of the world, it devolves upon the farmers, as we have said, to know where that need is and to get the supply to it. This individual farmers can not do. They must co-operate with one another as well as with God; they must have price as well as quantity; they must secure wise distribution as well as to decide the time of marketing. The business of farming is truly in league with Nature and in partnership with God, but that does not relieve the farmer of his own responsibility; and he should keep his eyes, his ears and his heart open. He should do whatever is necessary to his success, and the most essential thing is organization and co-operation, so as to bring the power of all to the help of each.

WHAT WILL THE NEXT TEN YEARS SHOW?

ACCORDING to census reports the number of farms in the United States in 1910 was 6,340,120, as compared with 5,737,372 in 1900, an increase of 11 per cent. The land increased in 1900 from 835,092,000 acres to 878,703,000 in 1910, or 5 per cent., but a larger increase, 15 per cent., is noted in improved acreage, which in 1900 was 414,490,000 acres, and in 1910, 477,424,000 acres.

More conspicious than the increase in the number and acreage of farms has been increases in the values of farm property. The land in farms rose in value from $13,051,033,000 in 1900, to $28,383,821,000 in 1910, an increase of 118 per cent., and during the same period the average value an acre of all land in farms rose from $15.60 to $32.50, or 108 per cent.

Farm buildings, which in 1900 were valued at $3,556,614,000, were reported in 1910 as worth $6,294,025,000, an increase of 77 per cent. Farm implements and machinery reported in 1910 as worth $1,261,817,000 and ten years previously as worth $749,778,000, show an increase of 68 per cent.

This report is respectfully referred to President Taft and his co-operators to force the Canadian agreement on our farmers. They have undertaken a herculean task to maintain the present values, with open competition with the world, to say nothing about duplicating this experience. For instance, here's a problem: If land that produces $1.00 to $1.25 wheat is worth $150 an acre, is land that produces 75-cent wheat worth the same? If it is not, then how much is it worth. When you find the difference, charge it against the reciprocity agreement.

PURPOSE OF STORAGE

THE purpose of storing food products needed no telling, for such products are bought up at the lowest speculative prices, and they are sold out at the highest prices the users can be compelled to pay. Yet it is refreshing when one of these storers confesses to the truth, and it ought to serve to enlighten those who persist in the claim that prices paid the producers cause the high prices charged the consumers, and hence, the remedy is to force down the prices paid to farmers. Unfortunately President Taft seems to be of this class, and he can see no remedy for existing evils except in overloading the farmers' markets.

In an investigation of the Kansas City Fruit and Produce Exchange, S. J. Hurst, a member of the Exchange, testified that eggs are stored to keep up prices, and he expressed the opinion if dealers did not store eggs prices would be very low, especially during the periods of most plentiful production. Asked as to the prices paid and charged, he said merchants are not in business for their health but to make money, and that "We sell our products for just as much as we can get for them." Since the storers hold the supply they can compel any price hungry people are able to pay, and since they are practically the only buyers they can compel producers to accept whatever prices they please to offer. And this is the history of the buying, storing and selling of everything that is stored.

Government is investigating this storage proposition in connection with the Chicago Butter and Egg Board, but it is impossible to say what a government investigation, or even a government prosecution, may result in. There are several cases where results have been hailed as triumphs for the people, but we have yet to hear of one that was not, in the end, satisfactory to the trusts.

DEVELOPMENT OF PORTO RICO

IF OFFICIAL figures may be relied upon, Porto Rico is taking a much higher place in the productive and commercial world. In 1901 the exports of the island amounted to $17,502,103; in 1910 these had grown to $68,595,074. It is admitted that this great increase is largely the result of increased agricultural production, and the living conditions of the people have been greatly improved. There is very little manufacturing on the island, the people being devoted almost exclusively to agriculture. The aquisition of the island, therefore, brought no competition to American manufactures, its entire industrial power being in competition with farmers, to which competition the President and national authorities are now determined to add the industrial power of Canada.

Porto Rico is densely populated, only two states having more people to the square mile; and unlike the states, these people are scattered over the country rather than concentrated in towns and cities. Of the $37,960,219 exports during the fiscal year 1910, sugar and molasses amounted to $24,145,056. This production has increased wonderfully since American occupation of the island. Coffee to the value of $5,699,602 was exported, but only $21,876 of this came to the United States. Farmers don't grow coffee in this country, consequently, shipments of that article here would have been in competition with the coffee trust instead of with the farmers. Tobacco was exported to the amount of $5,763,214. The production of fruit has also greatly increased. Five years ago the shipment of wild oranges amounted to $125,311; last year the fruit exports equaled $1,416,947. Of this sum oranges amounted to $582,716; pineapples, $555,044; grapefruit, $162,749, and canned pineapples, $106,587.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago.....$....
WHEAT—No. 2 Northern Spring ... .
OATS—No. 2 White, at Chicago.... .55
BARLEY—Good malting, at Chicago 1.00
RYE—At Chicago ....
HAY—Choice Timothy, at Chicago, ton .....$22.00@$24.00
CATTLE—Good to choice, Steers, at Indianapolis .....$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis ..... 7.00@7.50
HOGS—Good to choice, lights and mediums, at Indianapolis 6.50@7.00

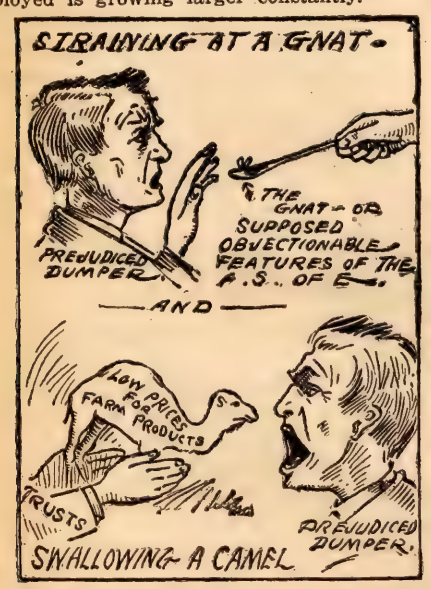
1910 CROPS

CORN—No. 2 White, at Chicago.....$ .65
BUCKWHEAT—At home market..... .85
BEANS—At Chicago 2.50
BROOMCORN—Choice Illinois, at Chicago, ton ..$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton .. 100.00@150.00
COTTON—At New York, per lb. .... .15

Advice

As long as the matter of free trade in Canadian farm produce remains unsettled, we will not give any advice about wheat. Market corn, barley, potatoes, cattle, hogs and beans. Stop marketing as soon as the minimum prices, or higher, will not be paid. Hold oats and broomcorn.

THE conditions regarding crops and markets have been very much mixed, indeed, during the last period of two weeks, all to the unsettling of business and to the incalculable injury of employers and employed, or people who should be employed, as the army of unemployed is growing larger constantly.



The proverbial period of seven years of plenty has, in the case of our country, been lengthened to nine, 1902 to 1910. This year, however, only one crop promises to be a record breaker. It is cotton. But this has already been discounted so much in price that it will not sell for as much as the smaller crops of recent years did. Wheat is the only crop that approaches an average of recent years in the Northern States. But that satisfaction is sadly marred by the price it has sold for, and which was the result of discriminatory legislation against agriculture. We can not see much hope for permanently better prices for wheat in the future unless there is really a large world's shortage, because our farmers have already provided for competition in pricing, by putting a club of forty-five and a half million bushels visible in the hands of the speculators. But world's shortages are not frequent. Providence usually wisely provides an average season over the world, which results in average yields of staple crops.

On a world's basis for price, where our wheat is now if not influenced by speculation, the price might be steady year after year. But there have been wide fluctuations because of reports of rust in the Spring wheat sections of our country and Canada, and too much rain in some States where harvest was under way. The price of winter wheat has advanced about five cents a bushel and Spring wheat about ten cents a bushel, since our last report, notwithstanding the enormous *increase* in the visible supply of thirteen and one-half million bushels. The visible supply is twenty-nine million bushels more than a year before and thirty-three million bushels more than two years before. The cash price of No. 2, Red Winter wheat at Chicago, is now 91 cents. A year before it was $1.04. The crop this year does not promise to exceed the crop of last year. Therefore, if the extra wheat that is now in the visible had been held by the producers, and Canadian free trade was not iminent, we may safely say the extra thirty-three million bushels would sell thirteen cents higher, or bring the farmers $4,290,000 extra.

This is only one of the items of cost being constantly assessed against farmers, the penalty for not having an organization and a marketing system of their own. One such amount would organize them and maintain the organization for years.

While an abundance of rain has fallen over much of the country, there are still vast areas that are drought stricken. Oats is very short and we predict will sell higher than has been known for years. The same can be said for hay. The corn crop is not made yet, but the season is so advanced now that a very short crop, in view of present conditions, is inevitable. This country has practically a monopoly of corn. If we were asked, "how high will corn sell," we would reply that it will not surprise us to see it climb near $1.00. The potato crop can not be measured now, either, but it will be short in this country and only the free entry of potatoes from Canada may prevent fancy prices. As goes corn, so goes hogs and cotton. We need hardly say that meat will be very high.

Summing the situation up from the cost of living viewpoint, the consumer will probably see prices that will make former high prices cheap in comparison, unless he adopts a plan to reduce the expense of handling.

The following tables tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on July 29, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	July 29, 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	45,574,000	X 13,440,000
CORN	9,175,000	— 4,031,000
OATS	13,060,000	— 654,000
BARLEY	822,000	— 47,000

The visible supply of grain in Canada on the same date, with comparisons, was as follows:

WHEAT—8,779,000 bushels. This is 1,112,000 bushels less than two weeks before, and 1,830,000 bushels more than a year before.

OATS—4,759,000 bushels. This is 462,000 bushels less than two weeks before and 549,000 bushels more than a year before.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	July 28, 1911	July 21, 1911	July 29, 1910
American ...	914,970	1,004,768	1,022,580
Other kinds	932,000	954,000	893,000
Total	1,846,970	1,958,768	1,915,580

The total visible decreased 240,324 bales in two weeks, since our last report.

Price of Cash Cotton, New York, Aug. 7.—Middling uplands, 12.75c; middling gulf, 13c. The price is 85 cents a cwt. lower than two weeks before. Cotton futures closed as follows on the same date: August, 12.45c; September, 11.58c; October, 11.49c; December, 11.50c; January, 11.47c. That is, the new crop is being bought and sold at 11.47c a pound for January transactions.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on August 7, two weeks before and a year before, as follows:

	Aug. 7	2 wks. before	A Yr. before
WHEAT, No. 2, RED			
Chicago	.90¼ @91	85¾@86¼	$1.04
St. Louis	.89 @90	82½@84	1.03
Kan. City	88	83	1.01
Cincinnati	88 @90	83 @84	1.01
New York	95¼@97		
CORN, No. 2, WHITE			
Chicago	..67 @67½	65½@66	65½
St. Louis	.63½@64	64½@65	65½
Kans. City	61½@61⅝	65	65½
Cincinnati	68 @68½	65½@66	66½
New York	70 @70½		
OATS, No. 2, WHITE			
Chicago	..40¾@41½	39½@41	38½
St. Louis	.40 @40½	39 @40	37
Kans. City	40½@41	42 @42½	36
Cincinnati	41 @41½	40 @40½	36½
New York	47		

Future Grain Prices

Chicago grain futures closed August 7 and two weeks before as follows:

WHEAT—September, 93⅜c; December, 97½c; May, $1.03. Two weeks before, 88½c, 91⅝c and 95⅞c, respectively.

CORN—September, 64¾c; December, 61⅞c; May, 64¼c. Two weeks before, 63⅜c, 63⅜c and 62½c respectively.

OATS—September, 42⅛c; December, 44⅜c; May, 47c. Two weeks before, 45⅞c, and 43c, respectively.

Chicago Produce Market

August 4, 1911.

For quotations and advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—The market was weak. Demand was tame. The retail trade is light and dealers had enough stock on hand. Receipts were just moderate, about 30 cars today.

Sales reported were: Minnesota Ohios, 1 car bulk at $1.27, 1 car do at $1.28. Jersey Cobblers, 1 car at $1.40, 1 car at $1.41, 1 car at $1.45.

The market was quotable as follows:

Sacks, per bu., Jersey Cobblers $1 40@1 45
Minnesota, Ohios ..... 1 27@1 28
Bulk, per bu., Jersey Cobblers.. 1 40@1 45
Giants ..... 1 37@1 40
Minnesota, Ohios ..... 1 27@1 28

The price is considerable lower than two weeks before.

HAY—Receipts, 1,181 tons; Prairie Hay quiet, except for choice grades. Offerings large. Timothy Tay in light supply and demand good. Market firm.

Choice Timothy Hay.....$24 00@26 00
No. 1 Timothy ..... 22 00@23 00
No. 2 Timothy ..... 20 00@21 00
No. 3 Timothy ..... 17 00@19 00
Kansas and Oklahoma Prairie, choice ..... 21 00@22 00

The price is about the same on Timothy as two weeks before, but about $1.00 a ton lower on Prairie.

STRAW—Rye Straw quotable at $7.50@8.00. Oat Straw at $6.50@7.00. Wheat Straw at $5.50@6.00.

BEANS—Pea Beans are being held firm. Offerings are small and the requirements,

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
X 29,309,000	X 33,487,000	X 2,344,000
X 1,663,000	X 4,205,000	—1,407,000
X 7,936,000	X 7,733,000	—1,040,000
X 654,000	X 21,000	— 229,000

owing to tame demands are also limited.

Pea Beans—
Hand-picked, choice .....$2 33@2 38
Good but not strictly hand-picked ..... 2 25@2 30
Mediums nominally about same as Pea Beans.
Red Kidneys, depending on quality ..... 3 00@3 50
Poor musty down to .....1 00@....
Brown Swedish ..... 2 65@3 00

Red Kidneys are 30 to 50 cents lower than two weeks before, other kinds about unchanged.

BROOM CORN—In a moderate way, not to an important extent, sales are being made. Dealers report no change.

Illinois Corn, per ton, depending on quality .....$ 80 00@120 00
Oklahoma, per ton, poor to good ..... 60 00@100 00

If badly damaged and stemmy no regular value.

The price is the same as two weeks before. Prices will be higher, but the advance may not come until after the dumpers have marketed the new crop. We advise holding both old and new brush.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned, as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	9,439	11,474	9,928
Tuesday	7,578	8,573	13,240
Wednesday	8,768	7,324	11,764
Thursday	5,777	6,663	5,682
Friday	7,503	8,712	7,947
Total	39,065	42,746	48,561

Nothing new can be said of the market for Eggs. The demand is good and all fresh laid, sweet Eggs are taken to supply local and outside consumptive wants. There is some improvement in the quality of the stock arriving, but the demand is sufficient to take up the offerings, and the market is kept cleaned up closely. The poor Eggs which are being received sell at irregular prices depending on the quality.

The following quotations were established by the Butter and Egg Board.

Miscellaneous lots, cases returned—Eggs which will not grade—9½@13½c, depending on quality.

Ordinary Firsts quotable at 14c.

"Firsts" quotably 15½c per dozen.

"Prime Firsts", quoted at 17c.

Checks or Seconds quotably 5@8c, depending on quality.

Dirties quotably 10½c per dozen, and candled stock will command a higher price.

The price is ½c to 1c higher than two weeks before.

APPLES—The feeling has become easier. Demand quiet, due to the presence of melons, pears, peaches and plums. Apples must be well graded and well packed to be sought by good trade. Packers should always mark variety on head of barrel. The following are market prices.

Per barrel, standard size, 3 bu.—
Transparents, No. 1, hard....$2 50@2 75
Ripe ..... 1 75@2 00
Duchess, No. 1..... 2 00@....
Benoni, fair ..... 2 25@....
Good size and fine ..... 2 75@....
Astrican, No. 1..... 1 50@1 75
Chenango Strawberries, fancy 2 50@3 75
Good, No. 1..... 2 75@3 00
Lowell, No. 1, fancy ..... 2 25@2 50
Wealthy, No. 1, large ..... 2 25@2 50
Golden Sweet ..... 2 25@2 50
Sweet Boughs, No. 1..... 2 50@2 75
Common or small Apples of above kinds, some of them windfalls and overripe, depending on quality, condition and kind ..... 1 00@1 25
Small barrels are at a discount from full regulation size barrels.
Baskets, 1 bu. Michigan, general run, all kinds depending on quality ..... 40@ 50
Few very fancy Duchess and Transparents, fine goods.. 75@....
Small packages not wanted; the time is past for these.

CRAB APPLES—Sell slowly. There are light arrivals of Siberians. So far the fruit received has been ordinary, not nice color and somewhat wormy.

Baskets, 1 bu., Siberian .....$1 00@....

GRAPES—Not many coming as yet.

(Continued on Page Fourteen)

Marekt No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R. .....County .....State.....

Are you a member of F. S. E.....My Shipping Station is .....On Railroad .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.

Write for our Big Catalog Giving Factory-to-Buyer Prices on this
STORM PROOF BUGGY



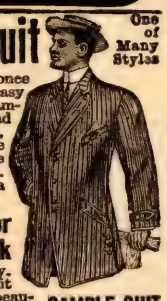
Rain-proof, wind-tight in thirty seconds

Cozy Cabs In only thirty seconds, with three simple one-hand movements, this light, easy running buggy can be made rain-proof and wind-tight as shown.

There is plenty of room inside, with a system of ventilation providing fresh air without draft, plenty of light and a good view of the road on all sides. The Cozy Cab is a complete buggy, not an attachment. Send for free catalogue, giving factory-to-buyer prices—16 different models—$67.50 up—25 per cent less than dealer's prices. Pick out the Cozy Cab you like best and we will ship it to you for a thirty days' free trial. Write today for our complete catalogue. Dept. D F 1

Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.

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YES, FREE—our outfit sent you at once with our *new* most remarkable easy money-making offer, with *your* extra sample suit offer too. Be swell dressed, and backed by us in spare time or all time, as our representative in your exclusive territory. No money or experience necessary. No references or red tape. Your best chance is here if you write a postal quick. Our offer means

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Stump Blasting

By S. W. LONG

The problem of stump removal is an ever recurrent one when farmers are developing new territory or are endeavoring to utilize the entire acreage of their farms. The richness of the forest soil is a constant incentive to clear the land and make it available for cultivation. But the great question is, what is the best and cheapest way to remove stumps.

The principal methods now in use are—pulling with stumping machines, burning out and blasting out with dynamite.

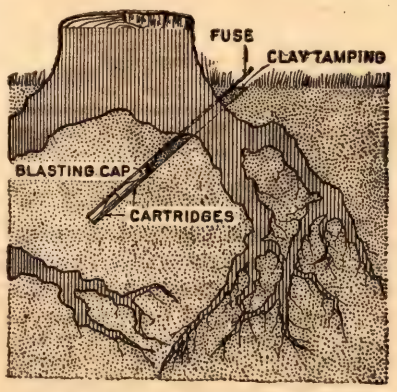
Recent investigations of the use of dynamite for stump removal show that this is fully as economical as any other method with the possible exception of very small stumps. For large stumps the advantages in its use are very great. In the Western or Coast States dynamite is commonly employed for this purpose and nearly every farmer or farmer's boy is a practical blaster. They handle this high explosive without accident because they have found it no more dangerous than an ordinary shotgun or gasoline.



Starting the Hole for Dynamite

The process is very simple. A hole is bored underneath the stump with a large dirt auger. A dynamite cartridge is then shoved down to the bottom of the hole and tamped in with some damp earth. A match is applied to the fuse which is long enough to give the farmer plenty of time to get away. Shortly after there is a boom and the stump is blown clear of the earth and shattered into firewood.

Investigation of the hole shows the roots torn loose from the earth for a radius of about two yards from the stump. Nearly all the dirt that adadjoined the stump roots has fallen back into the hole after the blast. The stump parts themselves are found free from dirt as the blast clears them off completely. The roots are left in such shape that a few blows with an axe will free every one of them. A plow can be run over the old location of the stump in almost every case without any difficulty whatever.



Cross-Section Showing Fuse Ready to Light.

The statement has been made that dynamite does not always remove the entire stump. This is true only where the charge is not large enough in proportion to the stump. If the hardness of the stump and the nature of the soil is such that a twelve-inch stump requires a pound of dynamite, it is plain that a twenty-four-inch stump would require at least three pounds, because it contains fully four times as much stump-wood as the twelve-inch stump. If the blaster merely figures that being twice the diameter it would require twice the charge, he would be figuring wrong. We learned in school, the area of circles vary as the squares of their diameters, consequently a twenty-four inch stump, if perfectly round, would have just four times the area of a twelve-inch stump and not be merely twice as large. It would require at least three times the charge the the small stump would.

One important point which is most important in regard to the use of dynamite in stump blasting, is that the same charge which blows out the stump breaks up the subsoil. It has been found by actual experience that wherever stumps have been blown out th soil produces extra vigorous crops.

On a farm in California where oats were planted on a field that had been cleared of stumps, it grew a foot higher over the spots from which stumps had been blown.

Mr. James Craig, of Virginia, planted apple trees six years ago, "digging" the holes with dynamite. These trees are today twice as tall as those planted in the same rows with a spade. Furthermore, these trees have branched so they have about three times the bearing capacity and the fruit is larger and of better color.



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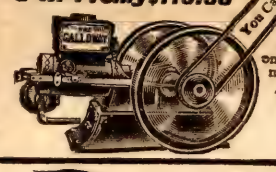
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CHICAGO HOUSE WRECKING CO., 35th and Iron Sts., CHICAGO

To Crush the Independent Dealers

Gordon-Van Tine Company Assailed by the Lumber Trust

OF COURSE a trust can not monopolize trade so long as there are strong companies selling independent of it. The first work of a trust is to bring into it all who handle the commodity sought to be controlled that can possibly be brought in subjection to the combine. The next work is to crush all who dare to sell that commodity to the public on terms more favorable than those dictated by the trust.

This is fully exemplified by the gigantic lumber trust that has unfairly extracted millions of money from the users of lumber and building material. The Gordon-Van Tine Company, 2387 Case street, Davenport, Iowa, resisted every overture of the trust, and persisted in selling these articles direct to the consumers, and it was, therefore, a festering thorn in the side of the trust, not so much for the amount of trade it took from that gigantic combination, but because its lower prices and fair dealing showed the world what the trust was unjustly extorting from the people. Hence, it became a fixed purpose of the trust to destroy the Gordon-Van Tine Company. We need not attempt to mention the methods resorted to. Those who have been plundered by the lumber trust know too well that it will do anything to rob the public and destroy competition. Through the machinations of the trust, this independent company, it is claimed, has been blacklisted by lumbermen's publications; been made the subject of secret correspondence of a character worse than blackhand methods; its mail has been loaded with bogus inquiries; spies have been induced to get positions in their offices and their employes have been bribed to give false statements concerning their business.

But the Gordon-Van Tine Company still exists, while the trust may be approaching its final destiny. The United States has taken up the fight against the trust and the high price of lumber. Fourteen lumbermen have been indicted under the Sherman law, and 2,900 dealers, aggregating not less than 20,000 members of the trust, are affected by the prosecution. The charges are conspiracies in restraint of trade by destroying competition, and exacting unreasonable prices for lumber and building material.

We can not but wish the independent companies success in this fight against combined extortion and graft.

If you have a lame horse he is worth money. He is costing you as much to keep as a fine animal—maybe more. Don't have that lame horse. A $1,000 guarantee backs Mack's Spavin Remedy to cure him. Make your horse "as good as new." See advertisement of McKallor Drug Co., Binghampton, N. Y., in this issue and mail the coupon. You can't lose.

Here is a chance to represent a big tailoring company and get your clothes at wholesale and make money taking orders. Write Great Central Tailoring Co., 756 Jackson Blvd., Chicago, Ill.

A reliable lightning rod may save your home and buildings. Have you equipped them? Write to the largest manufacturers—Cole Bros, 310 to 320 S. Seventh St., St. Louis, Mo.

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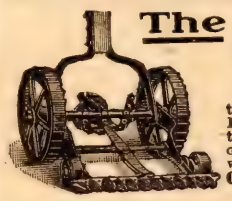


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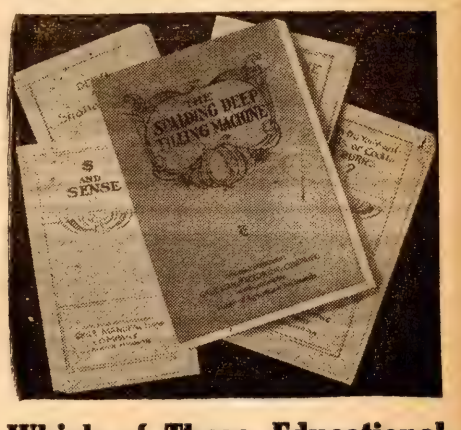
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Bring Up That Rich Farm Beneath Your Land!

"The Spalding Deep Tilling Machine makes a perfect seed bed that cannot be procured with any other machine or combination of machines on earth today. I have renewed my farm and have today the best crop of wheat in this neighborhood, and I believe the best crop of wheat ever grown here."

(Signed) P. B. CRANE, Long Lake, Minn.



DEEP TILLAGE is one of the livest subjects of the day with progressive farmers. Since the Spalding Deep Tilling Machine has completely solved the problem you hear deep tillage everywhere. You will soon *see* it everywhere. Bring up your brand new farm from the virgin subsoil! Conserve the priceless moisture! You can now *do* it. The old-fashioned expensive methods that didn't do the work, are now a thing of the past. The Spalding Deep Tilling Machine makes deep tilling easy, and brings it within reach of every farmer. It opens up a new treasure of farm profits—for there is such a treasure under every farm. We want you to know all about this remarkable deep tiller—

The Spalding Deep Tilling Machine

It has now been in successful use *for three years* by leading farmers in all parts of the country. We want you to know *how thoroughly* it pulverizes the soil—properly prepares the seed bed 12 *to* 16 *inches* or *more* doubles and even triples crops in many cases—protects you against drought by conserving the moisture—cuts the roots and covers the weeds and brush so deep they won't come to life again.

L. E. Holden writes: "My experience is that by underdraining and the use of the Spalding Deep Tilling Machine, and by proper selection of seeds and fertilization, *we have increased the products of Good Hold Farm three-fold.*"

The Spalding Deep Tilling Machine alone pulverizes the soil deep enough to bring up the virgin subsoil with all the big crops and big profits it holds for you. No plow or combination of plowing and subsoiling has ever been able to do this.



Spalding Deep Tilling Machine

tilling 18 inches deep and thoroughly pulverizing the soil—bringing up "new farm" and preparing a real seed bed. Note the clean cut, deep furrow without any furrow slice. Send for free Catalog.

The Spalding Deep Tilling Machine positively pulverizes the soil to a depth of 12 to 16 inches or more, so that it *conserves the moisture for months.* It prevents the ruin of land by erosion. Hundreds of thousands of acres are being saved by the Spalding Deep Tilling Machine, because it puts the land in condition to *absorb* and *hold* the moisture and thus stops flooding and forming of gullies.

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Agricultural Expert's Opinion

Long Lake, Minn., June 17, 1911
Spalding Department, Gale Mfg. Co.

I give you herewith my experience in eradicating quack grass. I took a field that was badly infected with quack grass and plowed it in August, 1910, with a Spalding Deep Tilling Machine. In about two weeks I double-disked it thoroughly. I gave it three such diskings during the fall. This spring I harrowed it and seeded it to wheat. *Not a spear of quack grass can be found on the field today.*

The prospects now are for 30 bushels to the acre. The Spalding Machine will save 50 per cent. of the labor in eradicating quack grass. The Spalding Deep Tilling Machine makes a perfect seed bed that can not be procured with any other machine or combination of machines on earth today. (Signed) P. B. CRANE.

Spalding Department, S-8 GALE MANUFACTURING CO.
Established 1853 Makers of Farm Implements Albion, Michigan, U.S.A.

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Tear out and write your name on this Free Booklet Coupon and mail it to us today. Or use postal or letter if you prefer to tell us your soil conditions and problems. Let us be of every help to you. Be sure to answer today in your own profitable interest. Get all the facts now.

(3)

BEST RECORD
Ever Made by Any Cream Separator.
Only
A SHARPLES
Could Do It.

We have repeatedly told you that Sharples Dairy Tubular Cream Separators wear a lifetime.

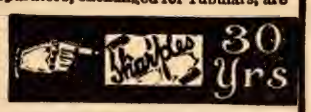
One of our regular hand-driven Dairy Tubulars, of 500 pounds capacity per hour, recently finished work equal to 100 years' service in a five to eight cow dairy. Total cost for oil and repairs only one dollar and fifteen cents. This Tubular is free for all to inspect who visit the world's greatest separator works.

Ask us to mail you the fully illustrated record of this great demonstration of Tubular superiority. See how the parts of this Tubular resisted wear. Tubulars are guaranteed forever by America's oldest separator concern.



Tubulars outskim as well as outwear all others. Have twice the skimming force. Skim faster. Skim twice as clean. Dairy Tubulars contain no disks.

You will finally have a Tubular. Get the Tubular first. You can try it without paying one cent for freight or anything else. Other separators, exchanged for Tubulars, are simply pouring in. Exchange yours. Write for catalogue No. 138



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Filling the Silo

By C. W. Pugsley, Prof. of Farm Management, Nebraska Experiment Station.

It is well to have everything in readiness for filling the silo early in August. It is much better to be a month too early than a week too late. A drought may come, and in order to save the corn crop it will have to be put in the silo. An early frost may come, and if everything is in readiness the ensilage can be made.

No money is saved in filling by attempting to get along with too little help. If teams and men enough are on hand to complete the work in a short time, less trouble will be experienced in getting help. One of the heaviest expenses in connection with filling is the engine and engineer, when hired usually costing $8 or $10 per day. If the cutter is of large enough capacity to fill a 100-ton silo in a day, every effort should be made to do so. Very often by the addition of one extra man and team in hauling from the field this can be done.

Some farmers favor getting a smaller cutter and letting the filling period extend over more time. In some instances this is probably an economical arrangement. I know one man in Iowa who uses a small cutter with a chain carrier, the type that demands the least power, and runs it with his farm gasoline engine. He uses the help of the farm, with perhaps an addition of a few men, and will extend the period over a week. This has the disadvantage of allowing a portion of the corn to become too ripe, while the portion which was put in first may be a little green, especially if bad weather intervenes.

There is no need, however, of getting a cutter with an extremely large capacity to fill one or two medium sized silos on one's own farm. I have a twelve-inch cutter with a traveling feed table and a rated capacity of ten tons and the boys reported last year that the cutter was plenty large and would take care of the corn as fast as they could get it to the machine. I made a trip to the farm at the season of filling and was surprised at the manner in which the cutter would handle the bundles.

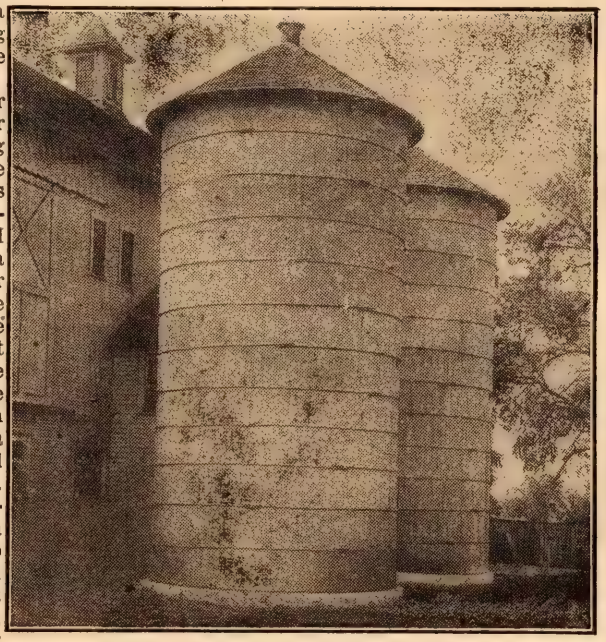
The ensilage may be cut in almost any size desired. From one-fourth to one-half inch is probably the best size. The customary size is one-half an inch. If much larger than this it is not quite so palatable, and pieces are often left in the mangers, especially if the corn is rather mature and the pieces include a joint of the stalk.

While filling keep the out-edges a little higher and do most the packing there. In tramping, the foot should be placed next to the staves and the entire weight of the body thrown on it. This will pack the ensilage on the outside in a manner that will prevent the loss of a good many pounds.

The cost of a ton of silage depends upon the methods employed in growing the corn and in filling the silo. If a man is a good farmer and raises a large crop of corn and the cost is based on the cost of producing an acre of corn, it will be seen that his ensilage will cost a great deal less per ton than the ensilage produced by his neighbor. Last season I saw one farm where eight acres filled a 100-ton silo, while on another farm not more than three miles distant it took twenty-five acres to fill a 100-ton silo. The market value of the land was about the same.

It can thus be seen that estimates on the cost of production will vary greatly, probably due more to the amount of ensilage produced per acre than to the cost of filling, although that is no small item. The variation in estimates will not be so great if it is figured on the basis of the bushels of corn produced per acre, at market value. Professor Mumford of Illinois, states that corn yielding forty-two bushels per acre and worth 35 cents on the market will give ensilage at $2.75 per ton. In my own instance, last year where it took eighteen acres to fill two silos of 110 tons each, and with an estimate of the corn at sixty bushels per acre, at 35 cents per bushel, and with the labor of filling extending over a period of four days, and costing $110, and allowing the stalks to be worth $1 per acre on the market, the cost of ensilage per ton was $2.59.

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EACH farmer, of course, has his own idea of the best lines of success, but years of experience convinces us that, where conditions are at all favorable, grass and cattle are the profit builders. We would hesitate long before we would undertake to make a living on a farm that would not grow grass, and if we had such a one our every effort would be directed toward building it up to be a grass producer. Grass is essential to the profitable growing of cattle, and cattle are necessary to keep a farm of any degree of fertility free from weeds and other undesirable growths. The cleanest farms and the most productive ones are those whose fields are frequently pastured by stock—cattle, horses, sheep or hogs. These fields need not be pastured all the time, nor even for a term of years, but they should be so managed that stock may have access to them a portion of each year, and perhaps the entire season occasionally.

This idea of grass and stock does not close the door to diversified farming. Other crops may be grown, and grown profitably, but the essential elements should be stock and grass. This system may call for larger farms than some people can have, but it may be practiced on smaller acreages than many think. In the grasses we include all forage crops, hay crops proper and legumes; and we would make it a part of the system to cut for hay, to graze down with the stock and to turn under. We would follow the crops turned under with cultivated crops or the small grains, rotating these again with the grasses and grazing. The fact is, this system is most excellently adapted to small farms, that may thus be built up in a very few years to a point of productiveness and profit that will rival farms of double the size. It is the very best way to add to the farm—much better than sacrificing comforts to buy additional acres.

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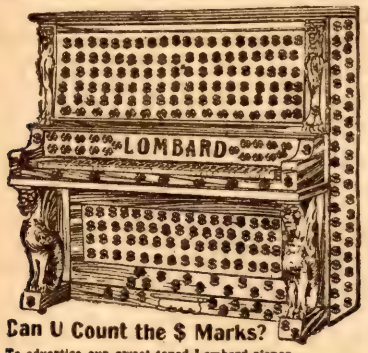
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THE BOY AND HIS MOTHER

A PLEASANT writer in one of our exchanges, has the following, which impresses us as a beautiful picture of country life, and awakens memories of other years that are cherished beneath the gray hairs years have made:

Nowhere does the boy remain under his mother's influence as long as on the farm. He does not meet many other women; he is a little shy, and always conscious of his awkwardness and slowness of speech in the company of strangers. His mother comes very close to his hunger and his Sunday clothes, and with the hundred little demands of his animal nature she is far more sympathetic than his father. The most of his daytime being spent out of doors, there is a craving for the hour at evening when, the tired men sitting idly by or reading with sleepy eyes, he can be in the corner alone with his mother. She may not show him much outward affection, in fact he would resent it if she did; but he knows it is there just the same. While he may not talk much, that subtle, silent, communing hour is warming his heart, opening his mind, and dreams of man life are forming fast. No boy in all the world is so much a boy, a real, young human being, as the country boy. I know him and my heart goes out to him.

We do not envy the boy of town or city. He may grow up in a happy home, with pleasant surroundings, and he may step out into a life of usefulness and goodness, but the boy in the farm home, the natural boy in nature's field and garden, with farm mother as the beacon star of his life, need not have many fears of trials the years may bring.

Memories of the old days when mother's influence, nature's teaching and God's guidance kept him in the true path, will light up the darkest hours.

SOME GOOD THINGS

UP-TO-DATE housewives: Wasn't that a splendid idea in June 15 Up-to-Date that we have real home letters for the home department? Will not each of you write a real helpful letter to the department to make it a real home corner to turn to for aid? Here are a few helpful ideas:

An easy way to peel peaches is to put them in a wire basket or anything that will answer the purpose, allowing the water to pass freely among them, and dip into boiling water and allow them to remain a few moments. Pouring boiling water into a tight vessel containing peaches, and allowing it to remain a short time might have the same effect. The skin may then be rubbed off. In this way none of the fruit is wasted.

Jelly made of apples and pears have pear flavor and apple firmness.

Elderberries with green grapes or gooseberries make excellent sauce or jelly.

Delicious apple pancakes can be made by following potato pancake recipes, but substituting apples for potatoes.

Add a few nasturtium seeds to mixed pickles, or plain cucumber pickles; the vinegar will remain as clear as sherry.

To make cherry catsup, take two quarts chopped stoned cherries, add two cups each of sugar and vinegar, a half teaspoonful of ground cloves and a tablespoonful of ground cinnamon. Boil fifteen minutes and set away until next day; then boil again for fifteen minutes, and can while hot, or bottle, cork and seal.

Your City Sister.

Not the Feathers

"Don't it make you sad to see the women wearing the feathers of the poor little birds?" he asked of the father of five grown daughters.

"It is not the feathers of the birds that makes me sad," he replied, "it is the bills."

COULDN'T FISH MUCH

"How is it likely that Noah employed his time during the long days he was in the ark?" asked the Sunday school superintendent. No one ventured an answer. At last a hand went up, and the answer came!

"I guess he put in his time fishing."

Another hand went up like a shot, and a tiny voice said without a quaver:

"He couldn't fish much for there were but two worms in the ark!"

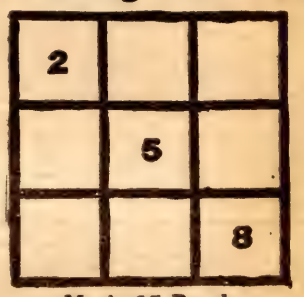
"Children Teething"

Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

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ABSOLUTELY FREE For Solving This Puzzle



Magic 15 Puzzle

Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

SEND IN YOUR ANSWER. YOU MAY GET THE HIGHEST PRIZE.

Only one answer allowed from the same family. I am offering these prizes in order to introduce and advertise the high-grade Purcell pianos. I will send you the prize you win, with full particulars. Send in your answer at once, on this or a separate sheet of paper, to

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We give a 15-Pc. Decorated Bavarian Artware Set, or Granite Kitchen Set, or 10-Pc. Toilet Set, *free* of all cost or work of any kind. Simply send us your name and ask for this FREE Present. Remember, the Special Premium and Sample Outfit are both free. Estab. 1897.

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We can safely recommend The Pure Food Co. as being a thoroughly reliable and responsible firm.—EDITOR.

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

Always with a feeling of pride do I take up the work of preparing the Cadet letters for publication. The future progress of the country and the world depends upon the young people of today, and we are so glad when those young people manifest a progressive instinct as they clearly do in the good letters that come to this department. My only regret, so often expressed, is, that we can not make room in the paper for all of them. I hope this fact will not deter any one from writing.

But in one thing our young friends disappoint me. Up-to-Date Farming is their friend, and it needs help in doing the great work it has assumed. The greatest help that can be done us is in getting the paper in the hands of a constantly increasing number of readers. We believe our young friends could help us greatly, in this respect. The price is so small and the inducements to subscribe are so great that we believe any intelligent person, properly approached, would gladly become a subscriber for Up-to-Date Farming. We have depended upon our young people to help us in this work. They have done so quite largely, for all of which we are thankful, but not quite to the extent we expected. Our high opinion of them possibly caused us to over-estimate their ability in such work. At this time of year, however, such assistance is more valuable than at any other, and we wish our young friends would push this matter as vigorously as possible. If each one could send us a club, what a boom it would be!

But we must begin the letters.

DEAR CADETS: Papa takes Up-to-Date Farming. It is an excellent paper, and ranks among the best papers published. I am always anxious to get it, and enjoy the Cadet letters very much. I like to farm, and, though Hiawatha is not a large place, it is lively and has a grange hall in which meetings and parties are held, which I frequently attend and have dandy times. We have a team of horses and a cow, for we are only beginners. I would like to correspond with any one from the age of 14 up. I am fond of horseback riding and base ball. All the school girls here are in a base ball team.—Annie Hinrichsen, Hiawatha, Mich.

DEAR CADETS: A reader 20 years of age from eastern Connecticut, would like to be considered a Cadet of Equity. The Equity System, in my estimation, is what the farmers need. We, my brother and I, have a farm of 30 acres, 25 of which is under cultivation. We raise corn, potatoes, beans and other truck, the cultivation of which keeps two quite busy all the time. We keep two horses, 3 pigs, a cow and about 100 chickens. Up-to-Date is one of the best papers we get. I enjoy the Cadet letters. I think it is a good idea to get the young folks interested. I will gladly answer all cards or letters from Cadets or other readers of Up-to-Date.—J. Murral Meade, South Canterbury, Conn.

DEAR CADETS: Will you let a California girl in? I am 19 years old. My mother and father died in eleven months of each other, three years ago. I live with my grandparents now. They have a lovely farm on the banks of the San Joaquin river. We have over 2,000 peach trees, and that sounds like work, doesn't it? But the frost killed most of the peaches this year. I would like to exchange post cards with the Cadets near my age.—Martha Sivils, Frenso, Cal.

DEAR CADETS: I live near the Ohio river, and close to Metropolis lake. I am 18 years old. We raise wheat, corn, oats and tobacco. We have 7 acres of tobacco now, of which one acre is mine. I taught school this spring and am taking music now. We have lots of flowers. O think they make home happy. We have a nice garden. I would gladly exchange cards or letters with any of the girls or boys. I hope some of you can help Tom Gaston, of Willard, New Mexico, get his farm. That would be real nice, and I wish him success.—Salla Tapp, Kevil, Ky.

DEAR CADETS: How I enjoy our corner. I have lived on the farm most of my life, and I like to live in the country better than in the city, for there are so many more privileges to be had on the farm. The farmer and his family are the happiest people on earth; they are the most independent of all people, and I am glad my lot is cast with such noble knights of industry. I am an orphan. My parents died several years ago. My dear young friends, be kind to your parents, for there are none on earth can fill their places in your hearts when they have passed to the other land. I live in southwestern Oklahoma, in Roger Mills county, near the Washita river, the valley of which is very fertile. We raise all kinds of crops here—corn, kafir, milo maize, wheat, oats, alfalfa, cotton, and many other things. We also have good schools, I think as good as any other state. I would like to exchange letters or post cards with the Cadets.—Lorenzo D. Foster, Cheyenne, Okla.

DEAR CADETS: I am a Minnesota girl, 11 years old, and I like to read the Cadet letters very much. We live near a lake and I enjoy boat riding; I am just learning to row. We have 2 cows, 3 calves, a yoke of oxen, and 65 chickens. I will exchange post cards with any of the Cadets. —Mildred Ruth Woodcock, Palisade, Minn.

DEAR CADETS: As I have been a subscriber for Up-to-Date for two years, I wish now to thank the Cadets for the interesting letters they have written. I am a full fledged farmer, aged 25 years, and weigh 180 pounds. I am trying to farm my 320 acres, and, as I am a single man, I find it very handy to stay with my folks, whose farm joins mine. Our crops look fine (July 9), and if the hot winds do not strike us too early we shall reap a good harvest. I have 11 horses, and I sure will never want any other life than that on the farm. I think this western country life is simply great. And I think Up-to-Date is one of the finest papers any one ever had in his home. I will be pleased to exchange letters or postals with the Cadets.—Franklin Ulshafer, Angie, N. Dakota.

DEAR CADETS: I am a young farmer 24 years old. I got a sample copy of Up-to-Date from one of my neighbors, and I found it was so good a farm paper that I subscribed for it. I live in the southeastern part of Wyoming on a homestead of 320 acres. After I live on this homestead five years Uncle Sam will give me a title to the land. Uncle Sam is a good old uncle. He is giving away thousands of acres of land to the poor people who come from the Eastern States and settled here three and four years ago. About everybody out here is living on a homestead. Lots of cattle and sheep are raised here, and there is also a great deal of farming done. We raise potatoes, oats, corn, wheat, rye, etc. The grass here is short and curly, but very rich. Rattlesnakes, squirrels, coyotes, rabbits and bob cats are about all the game we have. The main line of the Union Pacific railroad runs through our town, which has only about 400 people, and I live six miles from it. It is an incorporated town, has water works, a fine church, a high school, and a number of fine residences and business houses. This is a great place for automobiles. We see them running over the country everywhere. I suppose the town was named for the bluff, and pine trees that lie south and north of town. Lodge Pole creek runs through the valley between the two bluffs, and makes fine scenery from the car windows. I would like to receive cards from all the older Cadets, and will answer all I receive.—Mark Hoffert, Pine Bluff, Wyoming.

DEAR CADETS: I am a farmer's daughter 16 years old. I had two sisters and two little twin brothers, but they have all been called to Jesus, and I am trying to be good enough to meet them when I die. I hope many of the Cadets are Christians. I have been a Christian ever since I was 11 years old. My father has taken Up-to-Date for more than a year, and I always turn to the Cadet page first. I think your letters are very interesting, and I love to read them. I would like to exchange cards or letters with all the Cadets. I will try to answer all I receive. I have to spend my time reading and writing, as I have no dear brothers or sisters to talk to. I hope Nellie Tipton, the little cripple girl of Maryville, Tenn., will get her piano. Let us all send her a dime August 20 and help her to get it.—Bessie Elston, Belva, Okla.

DEAR CADETS: I have just received Up-to-Date and finished reading the Cadet letters. I desire to tell of the country here. The soil is black, and our leading crops are corn, cotton, wheat and oats. There are a great many cattle raised here. Fort Worth is our market. About 40 years ago Fort Worth was nothing but a wide place in the road, but being on the Trinity river, it grew, and is now one of the largest cities in Texas, with a population around 70,000. Ten railroads lead into it, and it has one electric road. We should all help Up-to-Date all we can by getting up clubs. I am going to raise a club soon. I am 17, and would like to exchange cards with the Cadets.—Lee A. Cartmell, Crowley, Tex.

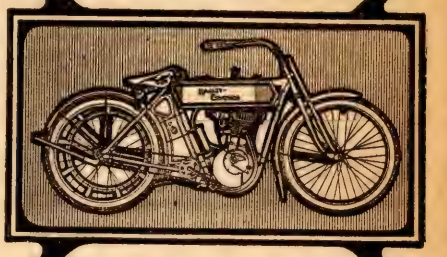
In spite of the best we can do, I must be content with giving quite a list of writers of letters we can not make room for in this issue.

Margaret Wehr, Hemlock, Mich	17
John C. Nicholson, Boyd, Oregon	
Hubert A. Blankinship, Bladen, Ohio	
Pearl Foster, DeRay, Mo	13
Zada M. White, DeRay, Mo	16
Clara Spiker, Sutton, Md	17
Kate Angle, Guide Rock, Neb	15
Anna Pflaumer, New Holland, Pa	14
Nellie Bates, Randolph Center, Vt	16
Nettie M. Dunlap, New Holland, Pa	12
Alvina Ganthier, Provement, Mich	14
Earl J. McClelland, Dover, Okla	21
Ona Norton, Grand Tower, Ill	20
Lizzie Hershberger, Burton, Ohio	19

Mrs. Frances Williams, whose maiden name was Frances Edge, daughter of William Edge, present postoffice Hall, La., would be glad to hear of relatives—anybody by the name of Edge. Relatives were known to live in Texas some thirty years ago.

HARLEY-DAVIDSON

IN one section of Indiana one out of every eight farmers own a motorcycle. These farmers have realized the economy, the convenience and the pleasure of this best of road steeds. Most of these machines are Harley-Davidsons. Selected because they are the most economical (they hold the World's record for economy). Because they are the most reliable.



(In the New Jersey and Peninsular Motorcycle Clubs Endurance Contest, as well as the Cleveland Road Contest held this year, every Harley-Davidson entered, got a perfect or 100% score. The average of the 11 other makes competing was 43%). Nearly one-third of all the motorcycles sold in America are Harley-Davidsons. Made and guaranteed in the largest exclusive motorcycle factory in the World. Send for catalog.

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TIRES, coaster brake rear wheels, lamps, sundries, parts and repairs for all makes of bicycles *at half usual prices.* **DO NOT BUY** until you get our catalogues and offer. *Write now.*
MEAD CYCLE CO. Dept. P179 CHICAGO



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This beautiful Bracelet, equal in appearance to solid gold, set with genuine muscatine pearl as shown, also dainty Ring for selling 20 packs high grade art post cards at 10c a pack. Order cards today, when sold send us $2.00 and we will send you Bracelet and Ring by return mail. WELLS MFG. CO., DEPT. K47 CHICAGO.

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Tells "How to Woo an Heiress" "How to Court a Bashful Girl" "How a Lady Should Manage Her Beau to Make Him Propose Marriage" "How to Catch a Rich Bachelor" "Love Letters" "How to Win the Favor of Ladies" "Wedding Etiquette, etc. All subjects treated in a way most helpful to lovers. This great book will be sent postpaid for only 10c, 3 for 25c; coin
B. D. Cooper, Horton, N. Y.

This paper never decieved its subscribers nor ever gave them bad advice



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School Days
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Mandy Lee
San Antonio
Silver Bell
Any Rags
Teasing
Blue Bell
Tittle Tattle Tale
Sweetheart Days
Somewhere
When I Marry You
I Wish I Had a Girl
In the Sweet Bye-and-Bye
Shine on Harvest Moon
Can't You See I'm Lonely
If I Only Had the Nerve
Would You Care
You're a Grand Old Flag
Always in the Way
Pride of the Prairie Mary
In Dear Old Fairy Land
Down On the Farm
Why Don't You Try
Honey Suckle Time
He's a Cousin of Mine
Yankee Doodle Boy
Not Because Your Hair is Curly
Give My Regards to Broadway
My Wife's Gone to the Country
Waltz Me Around Again Willie
Roses Bring Dreams of You
Take Me Out to the Ball Game
O'Brien Has No Place to Go
Good Bye My Lady Love
By the Light of the Silvery Moon
Put On Your Old Grey Bonnet
Next to Your Mother Who Do You
That's How I Love You (Love
I've Got Rings on My Fingers
How Do You Do Miss Josephine
I Wonder Who's Kissing Her Now
I'm Tying the Leaves So They Won't Come Down
I'd Rather Two-Step Than Waltz, Bill
I Don't Know Where I Am Going But I'm On My Way
Come Along, Little Girl, Come Along
Call Me Up Some Rainy Afternoon
Any Little Girl That's a Nice Li Me
Girl is the Right Little Girl for oe
Will You Love Me in December as Y n Do in May (Way Home
Longest Way Round is the Sweetest
Just a Gleam of Heaven in Her Eyes
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Has Anybody Here Seen Kelly
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10 CENTS gets all the above LATEST POPULAR SONGS and 100 others with several pieces Piano Music, all big hits, the best collection ever published. You'll be more than pleased. 3 Song Books for 20 cents. Tell all your friends, and order today.

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This is a special advertising offer to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity to get a really first-class guaranteed instrument for a mere trifle of cost. It measures, closed, 12 inches and opens out 3½ feet long, in five sections, circumference 6 inches. It is brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Objects miles away are brought to view with astonishing clearness.

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It is far beyond expectations and exactly as you represented, I made light of your ad. at first, but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another.—O. G. Folk, Elk Lick, Pa.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Cal.

"Wonder" Telescope is all you claim for it and then some. I trained it on the Buttes near Chadrow, 28 miles away, and they looked about 2 or 3 miles instead. I can count stock in farmer's yard 4 miles away.—Chas. A. Storey, Ft. Robinson, Neb.

PEOPLES WHOLESALE STORE, Dept. A, Indianapolis, Ind.

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden."* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

"You should provide in peace what you need in war," is an old maxim.

—o—

And, "whatsoever a man soweth that shall he also reap," saith the Good Book.

—o—

But we do not often follow the maxim and provide against the time of war—our needs. The American people have been inclined to drift with the current until the troublous time was upon them.

—o—

As a result, they sowed the wind and reaped the whirlwind. They are doing it now as the result of indifference to their vital business affairs.

—o—

In the past the two great classes of our people—farmers who produce the necessities of life, and those who consume them—have neglected to look after their business affairs, but have permitted other people to do their business for them and on terms of their own prescribing.

—o—

The result has been that a great, strong, intricate, expensive machine has been built between the two classes for the distribution of the necessities of life.

—o—

This machine has taken tolls at both ends totaling hundreds of millions and other hundreds of millions of dollars. It is taking more today than ever before because it is getting larger, more powerful and wiser in the ways to beat down the price when dealing with the producer and to raise it when selling to the consumer.

—o—

For a great many years the middle has been playing against the two ends.

—o—

But if we read the signs of the times correctly, a change is due. For several years the fact that it costs about 65 cents to transfer 35 cents worth of the necessaries of life to the consumer has been before the people. Such a condition they see is bad.

—o—

An awakening is coming all over the country. The people are seeking for a solution. The problem is the same in every producing section and in every consuming center. Millions of people are waiting for a solution.

—o—

That there is a solution for the problem and a cure for the trouble this paper is perfectly confident. For a fact it has suggested it many times but the people appeared to not be ready to accept it as rapidly as they should.

—o—

But with the short crops of the year and expensive marketing system to distribute them the burden of the consumers has become unbearable—they are obliged to do something to secure relief or suffer almost unbearable hardships.

—o—

So the call comes from every city for a reduction in the cost of handling the necessities of life—for a remedy for the high-cost-of-living trouble.

—o—

They now realize that there are too many handlers and that many of them take excessive profits. Therefore they intend to attack the machine of marketing and reconstruct it.

—o—

The tendency is to try the concentration plan, against the former expansion plan—to have a few large distributing centers instead of the multitude of small stores.

—o—

Without taking the space here to go into details we will say this plan is sound, for the consumers. The greatest difficulty they will experience in inaugurating it on a perfectly definite basis at the start, will be in the fact that the farmers are not sufficiently organized yet to keep their produce out of the hands of the middle men that it is desired to eliminate, and send all of the supply direct to the distributing centers.

—o—

But farmers must increase their efforts to organize. The Farmers Society of Equity plan of a union at every market town and city, or shipping point must be carried out with multiplied rapidity. Every organizer must now increase his efforts. Every local union must increase its membership and each member-at-large, wherever he resides, should see that a ocal union is organized at once.

—o—

Our faith in the successful solution of this problem of marketing is strengthened by the fact that the city of Indianapolis, the birth place of the Farmers Society of Equity and its headquarters, has undertaken the task of solving the problem and that Mr. Everitt, the founder of the Society, and the editor of this paper, is a member of the committee. There is probably no person in the world who understands the problem and what is necessary to solve it, better than he does. (See page 1.)

—o—

But the condition does not affect Indianapolis alone. It is present in every city in the country. And when a cure is found for the high cost of living in one it will be equally successful in all.

—o—

The cure, and the only one, is through co-operation of the producers and consumers to close many of the old toll gates and to dictate the terms on which the others shall continue open.

—o—

In other words the **two ends must play against the middle in the future**—make the middle men the servants as they should be, of the people they serve, **and employ them on terms** made by the principals in the transaction as the people on the two ends are, or should be.

—o—

Instead of the middlemen then dictating terms to the people they are dependent upon, those people will tell them (the middlemen who are retained) what to do and the price that will be paid for the service.

—o—

The fact that organized labor, representing several million families, is taking an aggressive part in the movement for lower prices for the necessaries of life will make it possible to apply the plan, as soon as it is decided upon, in all the large cities of the country at once.

—o—

This is the farmers' opportunity. The consumers look to them to help in this movement. It is absolutely necessary to have the co-operation of the farmers on the identical plan of the F. S. E. to make it a perfect success and give the most definite results.

APPLICATION BLANK FOR AN ORGANIZER'S COMMISSION

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I, ... of .....P. O., R. R.....

County ..... State ..... hereby make application for a commission to organize a local union, or local unions at the following town, towns, of cities .....

My age is ..... My business is .....Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?..... How much time can you give to the work? I give as reference:.....

.....

Please organize your own community at least.

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We pay wages while learning and $100 upon completion. We want young men of 18 years or older who do not use cigarettes or liquors. Must be willing to go through entire two-year instruction course of eight factory departments, tool drafting, etc. Two mechanical engineers devote entire time to instructing students in proper use of tools. Splendid opportunity if you really want to learn. For information write

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Double Orchard Profits

PLANT TREES WITH

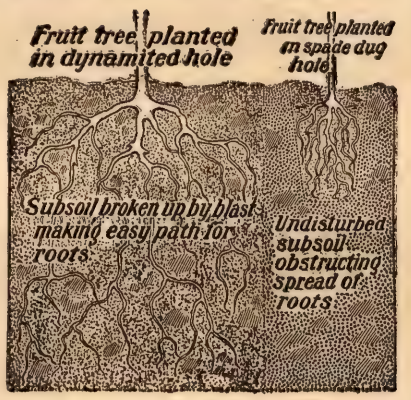
DU PONT

Red Cross

LOW FREEZING

DYNAMITE

Learn the methods used by Hale, "The Peach Tree King," and other leading orchardists.





6-year-old apple tree, planted with dynamite



6-year-old apple tree, planted with spade, in the same plot

To learn how progressive farmers are using dynamite for removing stumps and boulders, planting and cultivating fruit trees, regenerating barren soil, ditching, draining, excavating and road-making write now for Free Booklet—"Tree Planting With Dynamite, No. 211."

E. I. DU PONT DE NEMOURS POWDER CO.

PIONEER POWDER MAKERS OF AMERICA

ESTABLISHED 1802 **WILMINGTON, DEL., U. S. A.**

Store-keepers wanted in every town and village to take and forward orders for dynamite and blasting supplies. Not necessary to carry stock. Large sale possibilities. Write at once for our Dealer's Proposition.

DU PONT POWDER CO., DEPT 211, WILMINGTON, DEL.

But the consumers can get great benefits even if the farmers continue to sleep. Under such conditions they will become an added factor to beat farmers prices still lower.

—o—

Remember, farmers now have the greatest opportunity that was ever presented to have the great class of consumers co-operate with them to perfect the new Equity System of Marketing. But if the producers will not do their part, and if they continue to feed their produce into the Speculator Shark's capacious mouth, these same consumers will be forced to stand alone and will naturally be another factor to beat farmers' prices down as low as they possibly can.

—o—

This paper has offered the farmers many gems of advice in the past, but now we place before them a priceless pearl. Shall it be a case of casting pearls before swine?

—o—

By all your hope for industrial freedom and a happier life on the farms declare that YOU will do a part to perfect the Equity System of Marketing at once. Then send the blank on page 12, for a commission to organize a local union at your place, so your produce can be sent direct to the consumers' markets.

Send the Day

Tune: "Send the Gospel Light."
Effie Stevens

Send the day; O send it quickly,
When o'er all our spreading land,
Millions will for right and justice,
Forward march a mighty band.

Chorus:
Send the day, O send it quickly,
When the farmers all unite,
Millions strong in search of justice,
That shall all their wrongs requite.

Send the day, when through the country,
There shall sound the bugle call,
That shall bring the farmers hastening,
To beseige injustice's wall.

Send the day, when they shall conquer,
All the hosts of bitter wrong,
That beset the path of justice,
And the woes of men prolong.

Send the day, O send it quickly,
When a million members strong,
Equity shall march in triumph,
"Justice," for her battle song.

Send the day, when farmers waken,
To the need of help from all,
E'er fair Equity can free them,
From oppression's hateful thrall.

Send the day, when every farmer,
Gains for Equity a friend,
And that friend shall gain another,
Till the numbers never end.

Send the day, O send it quickly
When a million members stand,
Eager to pursue injustice,
And to drive it from our land.

We Want Agents

UP-TO-DATE FARMING wants a man, woman, boy or girl agent in each community. There is about $50 or more in each community for any person who will go out and pick it up.

We can't tell you our plan in this, but we will tell you in a letter and show you how you can get this money, probably easier than any other money you ever made. Have you a way to use $50, or do you want it to keep?

Write for our plan. We want to put this paper in every farm home. You can not do a better thing for yourself or your community. Boys and girls can do the work and earn the money as well, or better than grownups.

A postal card or letter will bring full particulars by return mail.—**J. A. Everitt, Editor.**

1911 National Convention of the Farmers Society of Equity

The next national convention of the Farmers Society of Equity will be held at Indianapolis, beginning October 24, next.

At this convention national officers will be elected and every other thing done that may be considered for the good of agriculture and for the extension of the Society. As relates to the election of officers, we quote from the by-laws as follows:

ARTICLE IX

Officers

Sec. 3. The officers of the National Union shall be a President, a Vice-President, a Secretary, a Treasurer, a National Organizer, other Directors to make nine, and a Director to represent each principal crop or class of crops as they may be grouped in the plan of the Society to facilitate marketing. Such crop Directors to be appointed by the Board of Directors as their necessity arises.

Election—Representation

Sec. 4. The officers and directors of the National Union, with the exception of the Secretary, shall be elected by a popular vote of the members on blanks furnished by the National Union, and forwarded to the National Secretary by mail or by delegate, to be voted in the National Annual Meeting of the Society. * * *

The term of the officers shall be for one year, or until their successors are elected and qualified. *The names of all candidates must be published in the official paper at least three times, the first publication being at least six weeks before the time of the Annual Meeting.*

To comply with the terms of the by-laws it will be necessary to print the names of all candidates in the next number of Up-to-Date Farming —September 1st number—and the names must be in our office by or before August 26.

It is particularly desired that the officers elected shall be substantial farmers or men engaged in associated work. The better, and more favorably known they are the better, but no person, who is a member of the Society, or will become a member, need hesitate to nominate himself or a friend, if a substantial farmer and if he earnestly desires to better the conditions of his class.

Any member or local union can make nominations. The nominations should be accompanied by a statement of the fitness of the candidate for the position, which may be published for the information of the membership.

Nominations should be made on this blank and sent to Farmers Society of Equity, Indianapolis, Ind.

For President ..... Address .....
For Vice-President ..... Address .....
For Treasurer ..... Address .....
For National Organizer ..... Address .....
For Directors ..... Address .....
..... Address .....
..... Address .....

Strong Healthy Women



If a woman is strong and healthy in a womanly way, motherhood means to her but little suffering. The trouble lies in the fact that the many women suffer from weakness and disease of the distinctly feminine organism and are unfitted for motherhood. This can be remedied.

Dr. Pierce's Favorite Prescription

Cures the weaknesses and disorders of women. It acts directly on the delicate and important organs concerned in motherhood, making them healthy, strong, vigorous, virile and elastic.

"Favorite Prescription" banishes the indispositions of the period of expectancy and makes baby's advent easy and almost painless. It quickens and vitalizes the feminine organs, and insures a healthy and robust baby. Thousands of women have testified to its marvelous merits.

It Makes Weak Women Strong. It Makes Sick Women Well.

Honest druggists do not offer substitutes, and urge them upon you as "just as good." Accept no secret nostrum in place of this *non-secret* remedy. It contains not a drop of alcohol and not a grain of habit-forming or injurious drugs. Is a pure glyceric extract of healing, native American roots.

Make Your CORN A Double-Profit Crop This Year



YOU can do this by harvesting the whole crop right—at the right time. You will then get 40 per cent more feeding value than if you harvest only the ears—because the ears represent only 60 per cent of the whole feeding value of the crop—the other 40 per cent being in the stalks, leaves, and husks.

If you have been wasting the corn stalks by leaving them in the field until dried by the wind and sun, and leached by the rain, you have been losing 40 per cent of the feeding value of your corn crop. Yet the stalks have taken no extra labor or land to produce. They are there, ready to be turned into roughage worth about $5.00 a ton or $15.00 an acre.

Increase the profit from your corn crop by going through the field rapidly, with an

I H C Corn Binder

Choose a Deering, McCormick, Milwaukee, or Osborne—each and every one tried on thousands of farms and proved 100 per cent right. One man and a team drives right along through the field, cutting and binding the stalks into bundles and throwing them out into piles ready for shocking, all in one operation, at a great saving of time and labor.

If you harvest the stalks by hand, the profits leak out of your pocket in wages and because of inferior stover. The whole crop must be harvested promptly, rapidly, just when the ears begin to glaze, in order to keep all the protein, starch, and sugar stored in the stalks, leaves, and husks. Why waste this 40 per cent of the corn crop that is represented by the stalks? You plant 100 per cent right—you cultivate 100 per cent right—so don't let old fashioned harvesting rob you of 40 per cent of the feeding value. Get an I H C Corn Binder. Let it harvest the ears and the stalks, quickly and economically. Then put the whole crop through an—

I H C Husker and Shredder

A Deering, McCormick, or Plano husker and shredder will save half the cost and time of husking, and shred the stalks, leaves, and husks so that the stock will eat all the stover.

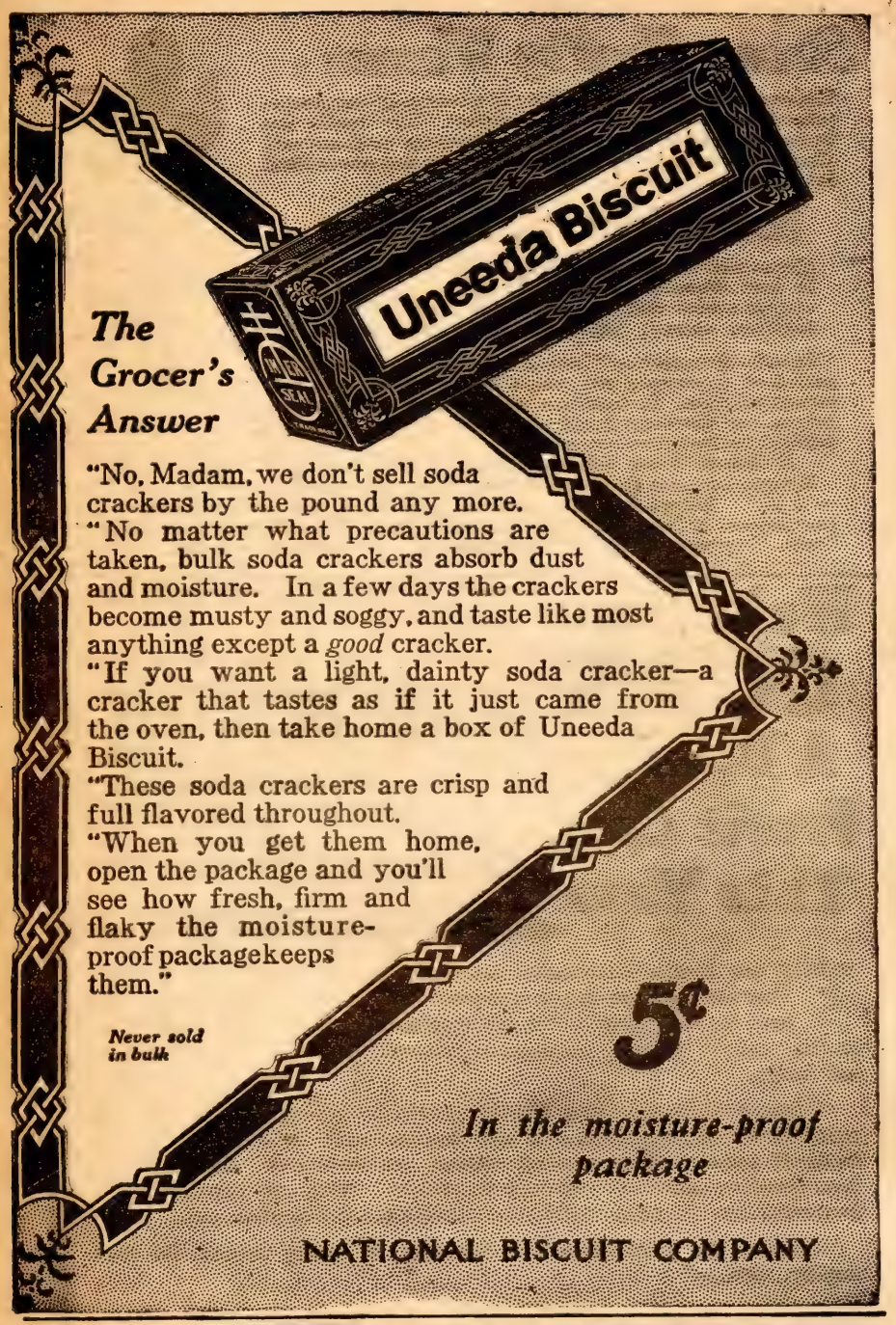
Take the matter up with the I H C local dealer who handles any of these machines and get the facts from him. If you prefer, write direct for catalogue and any special information you desire.

I H C Service Bureau

The Bureau is a clearing house of agricultural data. It aims to learn the best ways of doing things on the farm, and then distribute the information. Your individual experience may help others. Send your problems to the I H C Service Bureau.



International Harvester Company of America
(Incorporated)
Chicago U S A



The Grocer's Answer

"No, Madam, we don't sell soda crackers by the pound any more.
"No matter what precautions are taken, bulk soda crackers absorb dust and moisture. In a few days the crackers become musty and soggy, and taste like most anything except a *good* cracker.
"If you want a light, dainty soda cracker—a cracker that tastes as if it just came from the oven, then take home a box of Uneeda Biscuit.
"These soda crackers are crisp and full flavored throughout.
"When you get them home, open the package and you'll see how fresh, firm and flaky the moisture-proof packagekeeps them."

Never sold in bulk

5¢

In the moisture-proof package

NATIONAL BISCUIT COMPANY

95 cents



Post Paid

or money refunded. Send 95c today as this advertisement may not appear again.

Guaranteed 5 Years

To advertise our business, make new friends and introduce our great catalogue of Elgin Watches we will send this elegant watch to any address by mail post paid for **ONLY 95 CENTS.** Regular gentleman's size, open face, full nickel silver plated plain polished case, Arabic dial, lever escapement, stem wind and stem set, a perfect timekeeper and fully guaranteed for 5 years. In addition to the watch, and without any extra charge whatever we send five Mdse. Certificates worth one dollar each when used as part payment on purchases from our catalogue. Send this advertisement to us with your name & address and 95c, and watch & certificates will be sent by return mail postpaid. Satisfaction guaranteed

R. E. CHALMERS & CO., 356 Dearborn St., CHICAGO

A CART LOAD OF FUN This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed.

Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price. If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Fritz and the Lightning-Rod Man," "How to Go-a-Courting," Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Biz," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide," "Queerly Married." "Hannah was Aroused." "How the Tired Patient Maf had His Feelings Upset," "Jone's Baby," "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. COONER & FORTUNE CO., Indianapolis **FOR 10 cts**

REMOVES

GOITRE

A $2.50 TREATMENT FREE.



Don't allow an ugly goitre to disfigure you and sap your vitality. It is dangerous and unnecessary. Send today for my liberal test treatment and be convinced. Many cases report having been cured by this trial treatment alone. Relief from the choking and other alarming symptoms is often noticed within 48 hours. Don't allow past disappointments to discourage you. My success is the result of long study of this disease. I will send you letters from many grateful patients to whom you may write.

Write for the $2.50 Free Treatment today and let it speak for itself. It will convince you. Positively Harmless.

Address, Dr. W. T. Bobo, *Goitre Specialist*, 257 Minty Blk., Battle Creek, Mich.

FITS I CURED MY DAUGHTER Doctors gave her up. Will send free. "Give express office." D. Lepso, Island Ave., Milwaukee, Wis.

I Was Deaf 25 Years

NOW I HEAR WHISPERS

with this artificial EAR DRUM in my ears. I never feel them—they are perfectly comfortable; and no one sees them. I will tell you the true story, how I got deaf, and how I made myself hear.





Medicated Ear Drum Pat. July 15, 1909.

Artificial Ear Drum Company

Address GEO. P. WAY, Manager

G. P. WAY 5 ADELAIDE ST. DETROIT, MICH

SCIENTIFIC RUPTURE CURE

Don't Wear a Common Truss or Appliance

Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.



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CANCER TREATED successfully without operating. Send today for Free Book. **Pay When Cured**

DRS. JONES & RINEHART

Suite 32 1724 W. Washington St., Indianapolis, Ind.

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST. CHICAGO, ILL.

The Telescope

(Continued from Page Five.)

Quality not attractive. Although salable, they ruled dull.

Baskets, 8 lbs., Michigan	17½	20
Green	15@	....
Illinois	18@	....
St. Louis, black	27½@	....
Small flat crates, 4 baskets, Illinois	50@	....

Live Stock

Indianapolis Market, August 7, 1911

CATTLE—Good to choice steers, 1300 lbs. and upward $6 35@7 00
Good to choice, 900 to 1100 lbs., and upward ..... 5 40@6 50
Two weeks before the prices were $6.10 @6.60 and $5.25@5.75, respectively.

HOGE—Best heavies, 210 lbs. and upward .....$7 50@7 75
Good to choice lights, 160 to 180 lbs ..... 7 60@7 70
Two weeks before the prices were $6.85 @6.90 and $6.80@6.85, respectively.

MISCELLANEOUS NEWS

Estimates of a 15,000,000-bale cotton crop are now being made. Former large crops were, 1904, 13,679,000 bales; 1906, 13,595,000 bales, and 1908, 13,587,000 bales. These sold for the following farm prices and total amounts, respectively: 8.73c per lb., and total value, $561,100,000; 10.8c per lb., and $640,311,000, and 8.7c per lb., and $551,238,000. In the same period we find some small crops sold as follows: 1903, 10,045,000 bales at 12.22c, total, $576,499,000; 1905, 10,804,000 bales at 11c, total, $556,833,000. 1909, 10,315,000 bales at 13.9c, total, $664,868,000. 1900, 11,969,000 bales at 14.2c, total, $813,000,000.

E. W. Wagner, Chicago Board of Trade operator, says: "Immediate bull side of wheat flogged into docility by the reciprocity lash."

The United Fruit Company, which is also called the "Banana Trust," has been sued for $15,000,000 by the Bluefields Steamship Company, which alleges that the Sherman anti-trust act has been violated by stifling competition in the sale of bananas in this country. It must be considered worth something to handle fruit even under competition.

If a 3,100,000,000 corn crop, reinforced by big hay and oats crops, is worth 55 cents a bushel under protection, what will a 2,500,000,000 bushel crop, accompanied with a very short hay and oats crop, be worth without protection?

A report from the Chicago Board of Trade says: "Country elevators are willing to store and hold oats." Usually whats good for the goose is good for the gander. Why should not farmers hold the oats?

Reports from Russia say that her exportable surplus of wheat will be not more than 80,000,000. Broomhall, probably the most reliable foreign estimator, says 120,000,000 bushels. The surplus for export of the 1910 crop was 200,000,000 bushels. *Reports* are easy to start and Russia is a dark country as far as what is doing is concerned. If cash wheat goes to a dollar on a crop scare, sell.

Oats ran up about 15 cents recently and then dropped about 8 cents. With oats and hay it will not be so much the matter of price, by and by, but to get them at any payable price. This is our guess.

In May, 1892, cash corn sold at $1.00 a bushel in Chicago.

At some Texas points corn is now bringing 80 cents to $1.00 a bushel.

It is hard to believe that there are fool farmers who will sacrifice their oats at 35 cents. But there are and we have many of them in Indiana. Kansas wants oats at 40 cents to 45 cents. Missouri, ditto, and many other places like them.

Argentinia is sowing her wheat crop now.

Clover seed and timothy seed are out of sight unless you coax them with $7.00 and $10.00 per bushel, and the end is not yet. Another case of getting them at any price than can be paid.

Eastern potato growers reaped a rich harvest this year.

Northern potato growers should not delay a day in organizing to market their potatoes. With organization a very profitable price can be secured. All conditions favor it. Without organization the buyers will deceive the unwary and cheat him out of his legitimate profits. Remember last season; 25c vs. $1.00.

The prospect is for the biggest apple crop in many years. Without a comprehensive organization to control and market them it is inevitable that the grower will not get his full reward and the consumers will not reap the advantage that is their right, by virtue of a bountiful crop. Organize. It is not too late yet.

Speaking of apples, there is a small class of men who make a specialty of buying and storing apples and don't pretend to do anything else. This occupies their brain and time a few months and they "take life easy" the balance of the year. The growers can take the job away from them, if they will.

Most large markets are glutted with early apples, but there are thousands of small markets where apples are a rare thing. The question is—how to reach all of the demand?

The Aim of Equity

By W. D. McMillen

Our aim is the good of each other,
And our Order is noble and true;
We welcome each newly-made brother,
And, friends, we would glad welcome you

But some may not claim such a welcome;
Their interests and ours don't agree;
Their business is beating the farmer;
They are not friends to you or to me.

The boards of trade corner our products,
First forcing our prices too low,
And then, when they sell to consumers,
The prices leap upward, you know.

Hence, farmers should all get together,
To save ourselves from such wrong,
And sell things direct to the users—
We can do it when we are strong.

Free Beautiful Pictures **Free**



Send me 10 cents in stamps or coin to pay for a three months' trial subscription to my handsomely printed and most ably edited farm paper, printing monthly from 36 to 68 pages in color, profusely illustrated, brim full of practical information pertaining to all branches of farming; good stories, fun pages, pages for the woman folks; boys and girls, too, are remembered monthly in its columns. In short, a farm paper that is thoroughly enjoyed by every member of the family.

I will send this valuable paper to you for three full months upon receipt of only 10 cents and mail you absolutely free this beautiful picture, size 15x18, lithographed in 12 beautiful colors with an imitation wood frame effect.

This is not the ordinary kind of a picture you find scattered broadcast, but a real masterpiece, resembling in every way the genuine oil painting. It will prove a handsome wall decoration for the very best room in your home. It is free to you with a three months' trial subscription to Farm Life at 10 cents, or if you prefer to have four of these elegant pictures, all different, send me 25 cents for a 12 months' subscription to Farm Life and receive them free. Send your order to-day.

Address J. R. WOLTZ, 1322 So. Wabash Ave., Chicago.

FREE PICTURE ORDER BLANK

J. R. WOLTZ, Publisher, Dept. 8 Farm Life, Chicago.

Send me Farm Life for.....months, in payment of which I enclosed.....cents. Mail me free picture as per illustration.

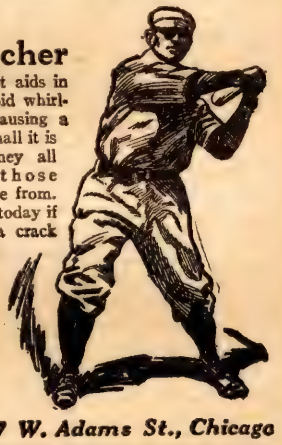
NAME.....

TOWN.....

R. D.....STATE.....

BASEBALL CURVER

Be a Crack Pitcher



Worn on the hand it aids in giving the ball a rapid whirling motion, thus causing a wide curve. So small it is not noticed and they all wonder where those AWFUL curves come from. Send for a curver today if you want to be a crack pitcher and fan out the batters.

Price 25c, with directions for throwing all curves.

C. SEITZ, 167 W. Adams St., Chicago

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Fine High-Grade Piano

by Acting as Our Local Representative



Only one person in each vicinity desired. Write at once for full particulars. It is an opportunity of a lifetime to secure a High Grade Piano, to be used as a sample in your home. Write today.

A. W. BEYER, Adv. Mgr.

2400 Madison St. Chicago, Ill.

X-RAY KATHODOSCOPE. Latest pocket curiosity Everybody wants it; tells the time on watch through cloth Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver Alden & Co., 1033 N. Keystone, Indianapolis



NEW RUPTURE CURE



Don't Wear A Truss

Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. **Binds and draws the broken parts together as you would a broken limb.** No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.

CATALOGUE FREE.

C. E. BROOKS, 5423 Brook Building, Marshall, Mich

HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

BUSINESS EXCHANGE

This Department is intended to bring Buyers and Sellers together at Moderate Cost

Auctioneer School

MISSOURI AUCTION SCHOOL—Correspondence course. Free catalog. Trenton Mo.

Farm Lands For Sale

EXCELLENT 140-ACRE FARM; fine location and buildings; soil, clay loam; fruit, shade. Full particulars on request. Kouw & Co., Holland, Mich.

FOR SALE—Fine farm in Le Sueur County, Minnesota. J. C. Hessian, Aitkin, Minn.

IF YOU WANT fruit, truck, grain or stock farms in fine, healthy climate, with good schools, churches and markets, large tracts of unimproved farm lands $3 to $30 per acre, write stating your wants. Seals & Morris, McEwen, Tenn.

MICHIGAN FARMS—Buy where prices are right. Catalog and map free. Kouw & Co., Holland, Mich.

Farms Wanted

FARMS WANTED—We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help locate desirable property Free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL YOUR PROPERTY write Northwestern Business Agency, Minneapolis.

WANTED,GOOD FARM. Well situated. From owner only. Give description and price. Address B. Bahrfeld, Box 754, Chicago, Ill.

Flour and Feed

FLOUR AND FEED—Buy your flour and feed in mixed cars. Delivered quotations on request. Consumers Milling Co., Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

Help Wanted—Male

CIVIL SERVICE EXAMINATIONS open the way to good government positions. I can coach you by mail at small cost. Full particulars free to any American citizen of eighteen or over. Write today for Booklet E839. Earl Hopkins, Washington, D. C.

500 MEN 20 to 40 YEARS old wanted at once for Electric Railway Motormen and Conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Box 35, care of Up-to-Date Farming.

MEN WANTED for government positions. Influence unnecessary. Average salary $1,100. Annual vacations. Short hours. Steady work. Rapid promotion. Thousands of appointments coming soon. Send postal immediately for list of positions open. Common education sufficient. Franklin Institute, Dept. M-27, Rochester, N. Y.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L511, Marden Building, Washington, D. C.

WANTED—Farmers' sons for railway postal clerks, salary $1,000 to $1,600. Work half time; full pay. Common education sufficient. Write for particulars. American Institute, Dept. 75, Dayton, Ohio.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Poultry and Supplies

43 VARIETIES. Poultry, Pigeons, Ducks, Geese, Turkeys, Guineas, Incubators, Hogs. Catalog 2 cents. Missouri Squab Co., St. Louis.

Miscellaneous

FREE—"INVESTING FOR PROFIT" Magazine. Send your name and I will mail you this magazine absolutely free. Before you invest a dollar anywhere, get this magazine. It is worth $10 a copy to any man who intends to invest $5.00 or more per month. Tells you how $1,000 can grow to $22,000. How to judge different classes of investments, the real power of your money. This magazine six months free if you write today. H. L. Barber, Publisher, 752, 20 W. Jackson Boulevard, Chicago.

GRAINS O'GOLD

A Remarkable New Smooth Winter Wheat



Don't be content to grow your old wheat year after year, Mr. Up-to-Date Farmer! The average yield of wheat for the United States is 12 to 14 bushels per acre. *Don't be an average farmer.* You can't make any money that way!

You must have good, vigorous, hardy seed wheat It tells in the crop. *Blood always tells*—in wheat as well as in horses and cattle. Our new Grains o'Gold is surprising farmers in every winter wheat state by its large yields, its ability to stand hard winters, drought, etc.

This wheat has been grown under all kinds of conditions, all kinds of weather, on all kinds of ground and by all kinds of farmers. The *average* yield per acre reported to us by them was *over 25 bushels per acre, running as high as 55 bushels per acre.* Grains o'Gold produced double the average for the United States.

To sow Grains o'Gold wheat is not an expense. It is the best kind of an *investment.* Don't figure what you pay us for seed is expense. It is not. We can show you that it will cost only about $6.25 more for 20 acres to sow this new wheat than to sow your old variety. This is *only 30c an acre.* A fraction of a bushel increase in yield will pay the expense. But

Grains o'Gold Yields 10 to 20 Bushels More than Common Kinds

Figure it out for yourself. And remember, you can sell the crop for seed at a high price.

Every day farmers come into our store and tell us or write us something like this: "I only wish I had sown all of your wheat. I would have made big money by it." They have in mind the increased yields as well as an extra price for seed.

This is a business matter for every farmer. If you do not get yields such as are reported below get Grains o'Gold now. These reports come from farmers, just like you. Many of them hesitated to buy our seed—just like you may—thinking of the extra cost (about 30 cents an acre; when you figure that you must sow 1 3-4 to 2 bushels per acre of your old seed after cleaning it, etc. Sow only 1 1-4 bushels per acre of Grains o'Gold).

Strive for the TOP bushels. The TOP bushels are profit. Grains o'Gold will give you many TOP bushels.

Read These Reports From the Field

If you did not get such yields this year you should sow GRAINS O'GOLD seed. These letters with complete addresses are in our office.

OHIO—Yield 25 Per Cent. More

The Grains o'Gold wheat stood the winter well, markedly better than any other variety in this locality. It is very vigorous, rank growth and from all indications will yield at least 25 per cent more than any other variety. It appears to be the very best wheat, especially this year which was the second worst for wheat I have known in twelve years. The wheat in this country is not over 40 per cent. of a crop, but Grains o'Gold will make good 25 bushels per acre.—J. R., Highland. Co., O.

ILLINOIS—The Best Wheat

We had a very hard winter on wheat but Grains o'Gold stood it fine and grew rapidly in the spring. The heads are well filled with plump grains, four to six to a mesh. I estimate the yield at 30 to 35 bu. to the acre. I do not regret the money spent for this wheat.—J. H., St. Clair Co., Ill.

VIRGINIA—Better Than Others

The Grains o'Gold wheat I bought of you last fall is a splendid wheat. It is filled better than other kinds.—J. O. B., Culpepper Co., Va.

KENTUCKY—By Far the Best

Grains o'Gold is by far the best wheat and will yield one-fifth more than any other kind raised around here.—T. M., Green Co., Ky.

KENTUCKY—All You Claimed For It

Grains o'Gold wheat has proven all you claimed for it. I had it sown next to two other kinds, all treated alike, and yours is better and finer in every respect. It will yield a fine crop. My neighbors are guessing it all the way from 30 to 55 bu. per acre.—Wm. F. R., Christian Co., Ky.

ILLINOIS—Better Than Any Other

I like Grains o'Gold better than any other wheat I ever had. I have heads with as many as six grains in a mesh.—J. N. J., Pike Co., Ill.

W. VIRGINIA—Far Ahead of Any Other

I am well pleased with Grains o'Gold. It was far ahead of any other wheat in the neighborhood. I expect to sow it exclusively this fall.—W. W. H., Monroe Co., W. Va.

INDIANA—Great Recuperative Power

Grains o'Gold has the greatest recuperative powers after a hard winter of any wheat we know of. It will make a remarkably good yield.—J. B. C., Decatur Co., Ind.

ILLINOIS—A Noble Wheat

Grains o'Gold is a noble wheat. It tops all other wheat around here 12 bu. per acre. It has attracted much attention and there is a big inquiry, "Where can I get it?"—W. B., Sangamon Co., Ill.

PENNSYLVANIA—Proud of Grains o'Gold

I am proud of Grains o'Gold and everyone who has seen it can not praise it too high. You should have a big demand for seed from here. Grains o'Gold seems to suit our climate and soil perfectly as it did not suffer from the winter and weather as much as other kinds. It will outyield Poole about 10 to 15 bu. per acre.—H. S. R., Somerset Co., Pa.

MARYLAND—A Very Fine Wheat

I am very favorably impressed with Grains o'Gold. I feel confident 1 1-4 acres will give me 50 bu. of wheat. It will do better another year. I consider it a very fine wheat.—S. S. T., Frederick Co., Md.



Just for illustration say it costs as much as seventeen bu. will sell for to raise an acre of wheat. Then the farmer who gets 18 bu. to the acre makes no money. But every bu. he raises above seventeen is profit.

STRIVE FOR THE TOP BUSHELS

Grains o'Gold was named and introduced by us in 1909. It has been thoroughly tested in all winter wheat States. Its selection and breeding covered eight years.

The heads are smooth, with white chaff. Meshes are close together and consequently a head has many grains.

This is the wheat to sow for the top bushels. Order from this advertisement or send for our Seed Wheat Catalog. Ours is the largest seed wheat house in the United States; established over thirty years. We have introduced many of the famous old varieties. Grains o'Gold is our latest.

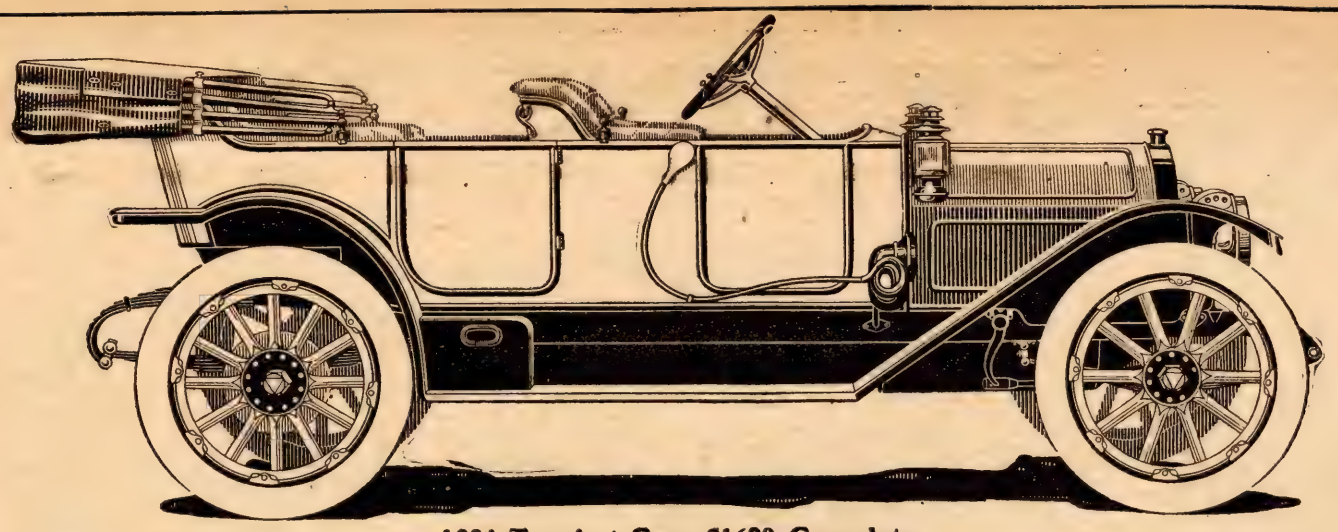
The supply of this wheat is limited. We believe that it will not last through the seed selling season. We suggest prompt orders. If you want to be sure of getting some GRAINS O'GOLD wheat this year don't waste any time in engaging what you want. If not convenient to make full remittance send one-fourth with the order and pay the balance when the wheat arrives.

Lack of space prevents our printing more reports from growers. But if you do not grow the big crops like reported above get Grains o'Gold this year. If for any reason you want to change your wheat this is the variety to sow. Don't put it off another year. This isn't an expense to be shifted. Grains o'Gold yields 10 to 20 bu. per acre more than common kinds on thousands of farms. The little extra cost for seed will come back to you many-fold from the crop.

PRICE FOR 1911—One lb. by mail postpaid for 25c, or 4 lbs. for 75c. By freight or express, not prepaid, 1-4 bu., $1; ½ bu., $1.50; 1 bu., $2.50; per bag of 2½ bu., $5.50; 5 bu. or more at $2 per bu. Bags free.

O. K. SEED STORE

Dept. A., Indianapolis, Indiana



"33" Touring Car—$1600 Complete

Five-passenger, Bosch magneto and storage battery, genuine mohair top, glass wind shield, 34x4 inch tires on Demountable Rims, extra rim and tire irons. Inside control, Fore-Doors, full lamp equipment, with Prest-O-Lite tank, big, beautiful lamps enameled black. Robe and foot rails, cocoa mat. Tool box on running board. Tools, license number holders. Tire repair kit, etc.

The 1912 HUDSON "33"

Now on Exhibition Everywhere

You can see the 1912 HUDSON "33" today at any HUDSON salesroom. It has many improvements, many refinements and much additional equipment that makes it an even greater value than was the HUDSON "33" of 1911. Price now includes full equipment.

Since you are familiar with the 1911 car, then you must be curious to know how it has been possible to increase its value.

The one advanced automobile of the past three years is a greater bargain this season than last. It is larger, handsomer, more completely equipped and higher finished than ever.

You have heard more about the HUDSON "33" during the past year than you have heard about any other car. It is invariably mentioned in automobile talk whenever medium priced cars of quality are referred to.

Less than a year ago the first HUDSON "33" was delivered to a buyer. Before then leading experts of the industry had seen and pronounced it to be Howard E. Coffin's Masterpiece. The four previous cars that he had built were the sensations of their times. He had never built a failure. His skill had been recognized by the leading engineers and manufacturers.

Naturally, then, anything he designs is a subject of great interest in the automobile world.

The HUDSON "33," because of its simplicity, with some 900 fewer parts than are used on other cars—the dust proof features—the many provisions for strength—the manner in which body squeaks are prevented and the flexibility of its new type of motor, at once became the automobile sensation of the year.

All that is history. The months that have passed have seen the positive proof that the quality of the HUDSON "33" was not over-estimated. The thousands of cars delivered, that are daily traveling the roads of practically every county in America, of every continent and of most every country, are showing that the HUDSON "33" is even a greater value than it was claimed to be.

There was nothing to correct in the HUDSON "33." The most severe tests ever given to an automobile failed to show wherein there was need for change. But even though conditions did not demand it Howard E. Coffin did, and so we are giving a greater value today than was possible when the first HUDSON "33" was brought out.

We Have Spent Lavishly

In equipment, a vast improvement has been made. Last season the car with lamps was quoted at a price which did not include top, glass wind shield, magneto and Prest-O-Lite tank, for which an extra charge of $150 was made.

This year the car is sold complete. In addition to a genuine mohair top, a glass wind shield, Bosch magneto, Prest-O-Lite tank, large tires—34x4 inches instead of 34x3½ inches—Demountable Rims are furnished. An extra rim for spare tire and tire irons are also included. This entirely overcomes road troubles due to punctures and blowouts.

We have not spared expense in any particular in making the HUDSON "33" the greatest value on the market. As a prominent publisher in Idaho writes us, "I never realized to just what perfection the industry had brought engines, transmissions and running gears until I drove a HUDSON '33.'" This is from a man who uses his car, not on boulevards, but upon mountain paths, with steep grades, sand and other trying conditions which demand the sturdiest service of any car that can be used there.

Thousands express a similar admiration for the HUDSON "33." To such a value add the things we have incorporated in the 1912 car. We are furnishing a better equipment, by far, than you will find on most cars selling under $2,500. We have a better opportunity now to choose and select materials and our men have become more skilled in their work.

These things make for better value. Knowing what the 1911 model is and seeing what has been done in the 1912 car, you will be convinced that it is the best value ever offered in a moderate priced automobile.

Four Models

There are four models now. The Touring Car with Fore-Door, shown above, large and roomy, for five passengers; the Torpedo which carries four; a two passenger Roadster, enclosed body—the most comfortable car of its type you have ever ridden in—and the Mile-a-Minute Roadster, that is faster than its name implies.

All on the famous "33" chassis. The price of either model is $1,600 with equipment.

The 1912 cars are furnished with handsomer, larger lamps, heavily enameled in black. There is little exposed brass about the car. The expense, annoyance and trouble of polishing is thus reduced.

It would take a lot of space in which to enumerate all the many refinements that have been brought out in the 1912 HUDSON "33." Perfection seemed so nearly attained in the 1911 model, that to make clear how we have more closely reached that state in this new car is out of the question here.

You must see the car and note how the lines are even more striking and beautiful. You must hear the motor, for then you will marvel at its quieter operation. This is wonderful, for the original HUDSON "33" is famed for running as quietly as any car on the market.

Your dealer has a car now to show you. There were some 2,000 unfilled orders on our books at the close of the 1911 season. At no time were we able to meet the demand from those who wanted Howard E. Coffin's Masterpiece. Dealers, in many instances even, were unable to keep demonstrators, so insistent were buyers for immediate delivery.

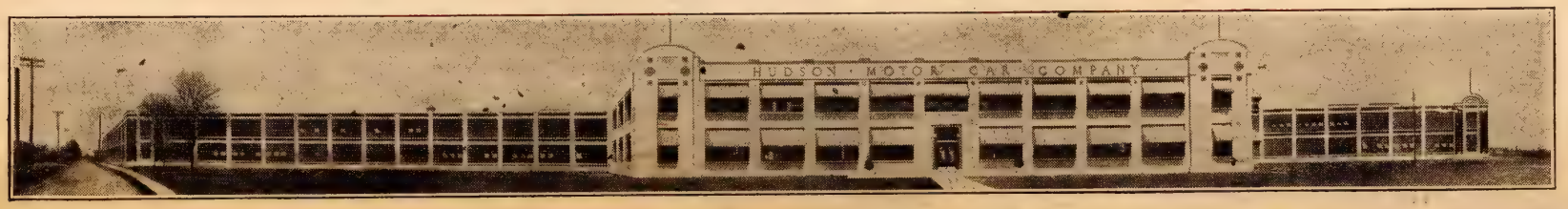
Does not that situation in connection with the greater value of the car this year, indicate that a HUDSON "33" can be had only by those who act promptly?

If it is not convenient to call on the dealer, send for literature.

See the Triangle on the Radiator

HUDSON MOTOR CAR COMPANY

7053 Jefferson Avenue, Detroit



This, the most modern automobile plant in existence (two city blocks in length), was erected especially for the manufacture of the HUDSON "33"

Pass This Paper to Your Neighbor---Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

Volume XIV | SEPTEMBER 1, 1911 | Number 17

1911 September 1911

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 30th	F. M. 8th	L. Quar. 15th	N. M. 22d		1	2
3	4	5	6	7	8	9
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17	18	19	20	21	22	23
24	25	26	27	28	29	30

Up-to-Date Farming

PUBLISHED TWICE A MONTH

EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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CONSUMERS' LEAGUES

A Plan to Lower the Cost of Living---Direct Marketing Between Producers and Consumers---All Unnecessary Toll Gates Can Be Closed

Report of J. A. Everitt, President Farmers Society of Equity and Member of the High Cost of Living Committee for Indianapolis, to Mayor S. Lewis Shank

The high cost of the necessaries of life is the most momentous problem before the country in recent years. It has been the chief topic of public discussion; it has been the subject of federal and state investigation; it has been considered by municipal committees and has led to boycotts against offending articles. Yet today prices are higher than ever before and the rebellion against them is more universal.

Some of our lawmakers consider it "the gravest and most pressing problem that has confronted us in many years," and it has been suggested that a "Bureau of Markets" be created. The Secretary of Agriculture suggested that the citizens of Washington "get behind an inquiry" there as to why food the people have to buy is so high. He also suggested to President Taft that he appoint a commission to study the situation. The President indicated that

(Continued on Page Eighteen)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

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Boys' Suits
Boys' Overcoats
Boys' Underwear
Infants' Dresses
Infants' Caps
Watches, Jewelry
Umbrellas
Belts, Shoes
Ostrich Plumes
Feather Boas
Laces, Silks
Dress Goods
Hosiery, Pipes
Smoking Materials
Silverware, China
Cut Glass, Notions
Carpets and Rugs
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New York Prices Are the Lowest

Every woman knows that New York is the fashion center of America, and Macy's is the largest and best New York City store. Our big free Catalogue offers you the latest New York and European styles months in advance, the very finest things in Ready-to-wear Apparel of every description for every member of the family, at prices much lower than those asked by other dealers, at home or elsewhere, for equal quality. Macy's sell only merchandise of the best qualities, and Macy's New York Store is famous as the most economical shopping center in America. More than 250,000 critical New York shoppers pass through our aisles in a single day, and if these discriminating buyers find Macy's the best place to supply their wants, surely you will find it the most satisfactory place to supply your wants, too.

The Macy Catalogue, now ready, quotes you a delivered price on thousands of articles you will need this Fall, and it shows such wonderful varieties in every line of merchandise required in every American home that you ought not to buy anything for Fall or Winter until you write for this Free Catalogue, and look through its pages. You can live better, and at lower cost, with this book in your possession, because it establishes the standard of quality you should get and the price you should pay. Just write us a letter or a postal card and say, "Please send me a copy of your new Fall Catalogue," and we will send it to you by return mail, free and postpaid.

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350 Shot Automatic Repeater

Beautiful walnut stock; nickel plated steel barrel. Strong, accurate, beautiful. Any boy will be proud to have it.

Just send us your name on a postal card and we will lay one of these rifles away for you. Then we will tell you how easy it is to get at no cost to you. You will be surprised with our liberal proposition. Don't let some other fellow beat you—write today.

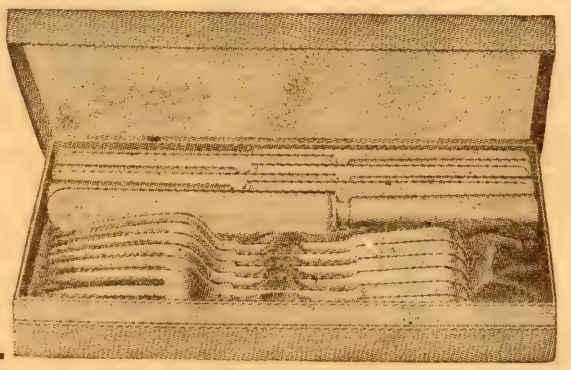
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FREE TO ANY LADY

who will do us a small favor. It is so little we ask you to do that the set is as good as yours if you write a postal card today asking how to get it.

Set consists of six knives and six forks all neatly packed in a cloth lined box. They are good looking and serviceable. Send your name in today.

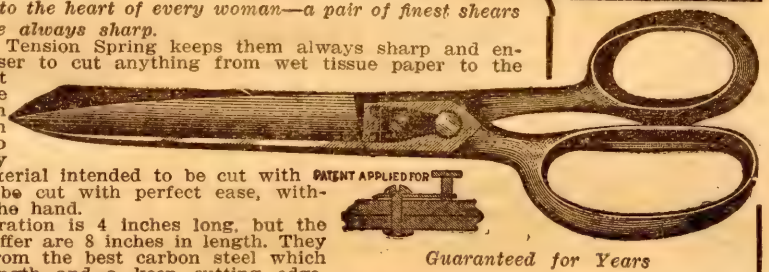
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Ever-Sharp Shears FREE

Dear to the heart of every woman—a pair of finest shears that are always sharp.

The Patent Tension Spring keeps them always sharp and enables the user to cut anything from wet tissue paper to the heaviest cloth. The tension on the rivet can be set so that any kind of material intended to be cut with shears can be cut with perfect ease, without tiring the hand.



Guaranteed for Years

The illustration is 4 inches long, but the Shears we offer are 8 inches in length. They are made from the best carbon steel which insures strength and a keen cutting edge. The manufacturers guarantee quality of material and workmanship in every pair.

MY OFFER: One pair of these Shears will be sent free for your renewal or a new subscription 2 years for 50 cents

J. A. EVERITT, Editor, Indianapolis, Ind



EXQUISITE 33 PIECE DINNER SET

ROYAL BLUE AND GOLD

Every Woman May Have a Set FREE

This is an exceptionally serviceable set of dishes. It is a set that you will be very proud to place before your *"company."*

The entire thirty-three pieces are all large and useful. There are none of those small, useless pieces so often found in dinner sets.

This set has been *selected,* after examining all those put out by the leading manufacturers, as being both the *most beautiful and serviceable obtainable.*

6 Large Dinner Plates
6 Fine Cups
6 Fruit Dishes
1 Large, Fine Vegetable Dish

The edges of these dishes are tinged with a very *beautiful deep blue,* fading into a pure white. Being carefully *glazed* these dishes always hold their color.

A rich, wide gold band decorates each piece and delicately intermingled therewith is a beautiful gold wreath.

The entire set is one of rich, dainty and ultra-fashionable design. The ware is the *most serviceable* that can be secured *at any price.*

We positively guarantee *safe delivery* of these dishes. You need not accept any broken ones. And if they are not perfectly satisfactory in every manner we will make them so.

These are *"distinctive"* dishes. There is a vast difference between these and that inferior, cull stuff often given as premiums.

BEAUTY AND SERVICE

This illustration can give you no real idea of the beautiful, rich and dainty design of this "exceptional" set of dishes.

You will be very much surprised at the ease with which you can secure one of these beautiful sets.

Cut the coupon below and send it to us. We can't make our offer here. All we ask now is that you show *sufficient interest* to send us the coupon.

Send that coupon and you'll never regret it. Do it now lest you *forget and then regret.*

No set of dishes ever given surpasses this one in *beauty of design and quality of ware.* We give this set to our friends. You don't

6 Breakfast Plates
6 Saucers
1 Fancy Bowl
1 Oblong Meat Platter

have to pay us one cent. It is, by far, the greatest offer of all time.

This is no prize contest wherein a few win and many are disappointed. *Everyone will share alike.* Just send the coupon and we will reserve the dishes for you.

UP-TO-DATE FARMING
Indianapolis, Indiana

FREE DINNER SET COUPON

UP-TO-DATE FARMING, Indianapolis

Please send me full particulars about your 33-piece Royal Blue and Gold Dinner Set. I want one of the sets; tell me how to get it without cost. Be sure to reserve a set for me.

My
Name .....
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IF A BEAUTIFUL DINNER SET YOU WANT—JUST SEND THE COUPON

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The Only Farm Paper That Teaches Practical Cooperation For Farmers.

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227 WEST WASHINGTON STREET

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EDITORIAL

Why Foodstuffs Are Scarce

FARMERS encounter seasons of bad production like the present one, and that results in a scarcity for which no one is responsible. But in seasons of plenty an abundance is produced and yet there often seems to be an unaccountable scarcity and prices rule exorbitantly high. Thinking people know that is no fault of the farmers, for, in such cases, reports show that the farmers produced an abundance and that they received only moderate prices for their stuff. These conditions, so hard to account for, are the result of the abuse of one of the best of modern discoveries—cold storage. Greed has taken possession of cold storage, practically monopolized it, and converted it into a means of plundering the people through starvation prices resulting from a greed-created scarcity.

As long ago as 1909 the government reported that two and a half billion dollars worth of food stuffs were held in cold storage. That is an enormous quantity—about as many dollars worth of stuff as there are seconds in eighty years! This amount of stuff placed on sale would glut every market, and bring prices to an almost give away; and had it been gradually marketed to meet demands there could never have been a scarcity, and prices could not have gone beyond an equitable basis.

The government divides this immense storage practically among the following products:

Meats, $1,500,000,000; Butter, eggs and poultry, $600,000,000; Fish, game and beef, $400,000,000.

These are the articles that have been most abundant in the producing districts and scarcest in the consuming districts. They have been moderate in price as they have come from the fields of production, and almost too high in price in the retail markets for even hungry people to buy them. It is because the markets that received them from the farms were glutted, and the markets from which the users received them were kept bare by hiding away the surplus in cold storage.

This is a fact that can not be denied, and while the government is taking so much interest in what is called the "high cost of living," it ought to consider this phase of it instead of always jumping over cold storage and trying to knock down the meager prices received by the farmers in the markets in which they as a class must sell.

But what is cold storage? It is nothing more than preserving perishable products and those that age deteriorates by freezing or near freezing them. Every one, as a writer remarks, that makes use of a refrigerator or places milk, butter, eggs, meats or fruits in a cool cellar puts into practice the principles of cold storage. The government, under the peculiar construction of its powers and the strange practices of our rulers, may not be able to prevent this cold storage stagnation and extortion, but the general public may. Cold storage is almost as simple as ordinary warehousing, and any farming community could employ it to a greater or less extent. A strong local union of the F. S. E., whose members are practicing the Equity System of Marketing, could make cold storage an ideal aid to them and an essential part of their business. It would enable them to hold any product until the demand called for it, and then it could go direct to the users with no addition to the price other than an equitable provision for the investment and care. And while the farmers are helpless when middlemen control the storage, these same middlemen, who profit by enforced artificial scarcity, would be helpless if the producers practiced storage. This proposition appeals to all classes, and to none more than to the producers and the users, which means practically our entire population But the farmers alone are the ones that can do it and break the monopoly, and to accomplish it they must organize and co-operate. They have the stuff and they are able to provide for it; and by their marketing system they know where and when it is needed. Will they do it in the name both of business and humanity, and also for their personal and individual good as well as their good as a class?

Government Of, By and For the Party

WE HAVE no antagonism to political parties. In a government where it is understood that the people rule by means of the ballot, restricted though that ballot may be, as it is in this country, it is natural and necessary that the voters form in voluntary groups or parties in order to express their preference concerning men and measures, and to efficiently exercise the power given them by the ballot. It is contrary to human nature that people should agree on everything. Some favor a measure or policy and others oppose it. Those who favor it unite in its support, and those who oppose it unite to make their opposition effective. This is the origin of political parties, and thus they are entirely legitimate and necessary to popular rule. If more favor the measure or policy then oppose it the party that favors it is the stronger and the measure is adopted, the opposing party gracefully yielding to the majority. This is the essence of our government and its guarantee of peace—the majority rules.

But that certain people agree on certain measures and unite to support them, is no proof that those same people should agree on all measures. Two sincere and intelligent persons may honestly agree and unite in the support of certain men and measures, and as honestly disagree and one support and the other oppose other men and measures. In our government, in any human government, both men and measures are constantly changing, and it is entirely unreasonable that the same alignment of parties should support and oppose these different men and measures. In this way political parties may become harmful and actually subversive of popular government. The doctrine that once a party man always a party man, and because men have united to support certain measures they must stay united to support all other measures, requires the surrender of independent thought and action, and often the yielding of superior intelligence to ignorance when ignorance on any question happens to predominate. For the sake of government, its peace and stability, the majority must rule; but it is not necessarily so in political parties. These are only groups of people who favor or oppose certain things, and when other things come up, if they exercise their independence and intelligence, they are as apt to disagree as to agree. This naturally means a different alignment on different questions, a thing that, through prejudice and the work of interested leaders, has become repugnant to the American people. "Bolter" has been made a term of keen derision, and it is applied to whoever dares to exercise his intelligence and judgment in choosing what measures he will support and what to oppose, and for that purpose unites with those who believe like himself on those questions, though he may have to separate himself from those with whom he agreed on other questions. Few are brave enough to do it, and thus political parties become arbitrary and curtail the freedom and independence of the citizen.

There have been selfish, if not unprincipled, men in all ages of the world and in all governments. There are today and were yesterday in this age and government. This class of men, realizing the possibilities of arbitrary party rule, naturally drifted into the parties and work their way to the top. We are not saying that all party leaders are bad or even selfish men, but the party boss is essentially so, and what may be gained to himself or his friends through the party and his method of manipulating it, is about all the interest he has in it. It matters little to him what side of any question he is on so he is on the side that yields most to himself; and those who take the same side simply because the party, thus manipulated, takes it, becomes a mere tool and booster of the "boss," however much he may pride himself as an intelligent and independent citizen.

It must be confessed that along these lines in this country, we have reached a point where the leading effort of party men is to maintain the party. When questions come up in congress or in the State legislatures the dominant idea is to take such action as will save or strengthen the party. From president and governor down, the first thought is of the party. An election is scarcely over until the bosses begin to lay the wires for another election, and those who hold the offices plan to retain them. The people are considered and played to as voters rather than as American citizens who must suffer or be benefited by the laws and policies of the government; and those who can command the most votes have more power in official circles than those who may suffer most from proposed legislation or policies. We are not writing what is popular now, but we are writing the truth.

This arbitrary party rule is built upon prejudices in the hearts of the people, and the "boss" with a personal ax to grind for himself and his friends, quickly learned to take advantage of and benefit by that prejudice. It is almost pitiful to hear a smart and patriotic voter say he is a Democrat because Jackson was a Democrat, or a Republican because Lincoln was a Republican, when there is not a question before the nation for settlement today that was up in the days of those great men. Yet the party "boss" sits upon his political throne and deals out the Lincoln and Jackson dope to his deluded followers. The fact is, that, on the great questions of their days, these two great and patriotic men agreed, and had they lived at the same time there is no evidence in the words or deeds of either of them that they would not have been united in working out the problems of the nation. And yet they have been used for purposes of evil design to hold the people in prejudiced opposing groups, that they might be more easily controlled by and for selfish interests.

But there are people in this country of independent thought and action, people who even at the polls refuse to bow the knee to Baal. These are they to whom the masses must look for good government. Those who pander to selfish interests, and who see more in party than they do in the people whose welfare depends upon the laws and policies of the government, must be taught that there is a power "behind the throne," an intelligent, independent and active power, whose patriotism is not overshadowed by prejudice, and whose purpose is the good of all rather than the domination and constant conferring of special privileges on the few. The party "boss" fears nothing so much as he does the independent voter.

Reciprocity Day

A FORMER Chicago millionaire gambler and race track owner, so dispatches from Gary, Ind., tell us, proposes that Taft issue a proclamation setting a day for a nation-wide celebration of the Canadian agreement, to be known to the world as Reciprocity Day, and to be effective on the ratification of the agreement by Canada.

Such a celebration could be very appropriately engaged in by that class of people. Millionaire gamblers, cheap buyers and dear sellers, monopoly trusts and combinations, and tariff protected manufacturers may well rejoice over free trade in farm products, while their own nefarious methods and operations remain undisturbed. And the hand that signed the agreement to make it effective in this country is a very appropriate one to sign such a proclamation. At such a gathering the President would no doubt be the central figure. But the farmers, who seem to be in some sort of mysterious slumber, when they are awakened by the reality of the effects, will be little inclined to rejoine on such a day.

Country Life

A GREAT deal is said now about country life, its tendencies, surroundings, opportunities and influences. We are glad of everything that is progressive, everything that brings more happiness, elevates human life and makes people better. But in most of these country life discussions the real condition is unknown or ignored. In a prominent farm paper we find the following:

Conferences on country life are being held in many places this summer. They deal with the social problems of farming communities and the influences which work for the betterment of society, such as churches, schools, clubs and organizations of various kinds. While it is a mistake to assume that in all country communities the church is decadent, the schools need regeneration or social organizations are lacking it is a fact that some of these conditions prevail in many places. Conferences on country life are partly for the purpose of starting up this social machinery where it has been allowed to rust and making it useful, perhaps more useful than it has ever been.

The school and the church are important factors in the uplift of a people or a community, but are these less efficient than they were thirty or forty years ago? If they are it is because sober, common sense methods have been discarded, and "expert" theories have taken the place of earnest, natural development. Are the country churches less elevating in their teachings and less social in their gatherings, and are the congregations smaller than they used to be? Will they be made more efficient for good among the people by the introduction of the stilted ways of the city churches where dress is the thing most devoutly worshipped and the social bars are higher than those which separate the good and bad? Is the decadence of the country schools and churches responsible for the drift of population to the cities, until there is scarcely enough people left in the country to operate the farms? Do the boys and girls go to town in search of better schools and more pious churches; or do they go because labor is better rewarded in the stores, the offices, the shops and factories? Are they not in search of more certain reward for their labor?

If we would keep the people on the farms we must pay them to stay there, and if we would build up within them high ideals, build up rural society and elevate rural life, we must prove to them that what they do is useful and honorable, and that the creators of wealth are entitled to as much consideration, to as many honors, and as free and abundant enjoyment of it as are the mere accumulators of wealth.

Here is where we may find the world's greatest defect today. Those who would elevate country life make a pretext of "coming down" to it, and telling the country people how polite and refined they should be and how stylish they should live, while in the business world every effort is to reduce the farmer's income and crush out the ambition of the country people and compel them to feel the inferiority that the reward they receive and not the work they do forces upon them.

And the social feature. That is an important element in right living. Not the "sociability" that wears out the night hours, and invites dissipation as the social rounds of the cities too often do. In fact, when city people come to teach sociability to the people of the country, we may remind them of these things and ask them the names of the people who live in houses that adjoin their own. In short, we may say, "Physician, heal thyself!" But country people are not as sociable as they ought to be. They should meet more frequently. They should learn to know each other better. They should be more in sympathy with each other and more helpful. What could contribute more to this condition than the organization we favor? A local union in every neighborhood, with its neighborly meetings and fraternal discussions, its periodical outings and picnics; and, more than all, its helpfulness in co-operative action to secure uniform and equitable prices, can not but revolutionize the neighborhood where it is located, and bring about the very condition sought by these people. If the country life commissions would direct their energies to these accomplishments, they would not have to wait long for results. Help farmers to become organized in business life, overthrow the cruel systems that make their calling so uncertain, secure for them rewards adequate to what they do for the world, and the incidents that now claim attention will very soon work out themselves. The schools will get better, the churches will revive, good roads will be built, farms will be fertilized, homes will be improved, and farmers and their families will practice the social amenities as they never did before. Give us the local unions.

Sham Buying Controls Prices

IN THE Christian Herald for May 19, 1909, was the following:

This year wheat gambling of the nation reached its climax in power and venality in the attempt of James A. Patten, of Chicago, to "corner" the wheat market of the country, and even dictate the price of the grain in the world. By buying millions of bushels of imaginary wheat, largely with millions of dollars of imaginary money, he pushed the price of wheat to $1.50 a bushel and compelled an advance in the price of bread by the reduction of the size of the loaves or the increase of the price of the same and by a large addition to the market price of flour. Who has been benefited by the increase of fifty cents a bushel for wheat, produced by this bold gambler's adventure? The farmers are not benefited, for so many of them have sold their harvest. The millers are not helped, for it is hard for them to get wheat that some have been compelled to shut down. The speculators that were on the wrong side of the market certainly have not received any benefit. The financial profit has come chiefly to Patten and his confederates in the "corner." Patten claims that he has watched the signs of the times for four years and has discovered an increased demand for wheat as a food product for the world; and, anticipating a shortage this year, he concluded to profit by it. The country feels very sore toward Mr. Patten, and justly so. His ill-gotten gain has been secured at too great hurt to others. He has literally taken bread from the mouths of the poor. The State ought to count him a public enemy, and its laws should make his colossal speculations an impossibility in the future. He is culpable only in a little larger degree than the small fellows who imitate him. The whole question of "futures" is one which society will have to consider more carefully, as there is so manifestly a moral ingredient in it. It is legitimate to buy wares of all kinds on credit and sell them on promissory notes, but the purchase and sale of imaginary things with an imaginary circulating medium, which is carried on in so stupendous a scale in some centers, can not be longer continued without damage to morals and injury to legitimate business.

Of course, the matter thus so emphatically referred to in that more than two-year-old publication seems almost like an ancient history now, but it is simply an illustration of how marketing is done and prices are made in this country. The system was not new when Patten took advantage of it, nor is it old now. So long as the Boards of Trade or Exchanges, with their pure gambling, buying imaginary quantities of stuff with imaginary money, thus creating imaginary supplies and imaginary demands to take them, there can be no certainty of price, and both producers and consumers are at the mercy of the "bulls" of the exchanges. Such was the case before Patten, and it has been the same way since. The authorities recognize the irregularity of prices and the high cost of living, but they dare not so much as rebuke the powerful few who are the authors of it all. When a point is reached where they feel like they must do something every blow struck is aimed at the toiling producers because they constitute the one unorganized class. The dog that whiningly drops his tail between his legs is sure to be the one that will get the kicks, because it is certain he will not snap back. If the beaten cur would only assert his power and use his teeth, the feet raised against him would quickly drop to the ground.

We do not know why farmers accept bad conditions so meekly. It is all in the marketing system, and they know it. If they would keep the bulk of the stuff in their own possession, selling it only as the demand required it, these corners would be impossible, and whenever prices should be artificially inflated the farmer would have the stuff to put out and bring prices back to the equitable level, and themselves get the benefit of what had been done. The manipulators would soon seek other employment.

Of course, this can be done only by farm co-operation, and farmers can co-operate effectively only through efficient organization — organization nation-wide and with neighborhood and individual efficiency. This paper has advocated such organization earnestly and faithfully, and had its pleas been heard and its advice more freely taken the farmers might long since have been masters of the situation to the mutual benefit of all. But we are glad to say that every month shows real progress towards this desirable end.

CO-OPERATION IN FARMING

By B. H. Cochran, in The Gardening Magazine

IT HAS been repeatedly said that farmers as a class are impossible to combine co-operatively, but facts prove that farmers are particularly adaptable to co-operative enterprises.

From data compiled previous to 1907 it has been estimated that there are more than 85,000 different farmers' organizations with an estimated membership of 3,000,000 farmers. There is scarcely a branch of agricultural interest into which co-operative associations have not already penetrated. Some of these are:

Beet-sugar making; butter and cheese making; cider making; cotton ginning; dairy products and marketing; fruit-growing and marketing; fruit-drying and selling; field crops marketing; grain elevators; honey, shipping and selling; live stock breeding; poultry-products, selling; tobacco marketing; wheat and corn milling; wheat threshing; vegetables, marketing and canning; wine making; wool production and marketing.

Industrial co-operation seems to be particularly marked in certain regions. Thus:

Fruit-growing in the far West; vegetable-raising in New Jersey, Ohio, Illinois, Utah; milk in New England; wheat in the Northwest.

This localization of co-operation is not because it is impractical in other sections, but largely because it is untried.

Thus far, co-operation has proved most profitable among the more quickly perishable products. The success has been more marked with fruit than with live stock. This does not necessarily mean that co-operation can not be as effective with one as with another, but merely that it is more easily successful when the section is small and when competition is eliminated because of distances and times.

Marketing co-operation is possible for some objects. One of the chief aims according to the constitution of many societies has been to eliminate the middleman. The societies have in but few instances been able to do this since most found that in eliminating one middleman they must substitute another of their own for they could not market their products except through the operations of a skilled salesman.

One of the greatest successes of co-operation has been in the buying of commodities for the use of farmers. Fertilizers, seeds, coal, feed, flour, etc., are sold at cost to members by the organization which buys in large lots and is usually able to save $5.00 a ton of fertilizer, $1.00 a bushel on clover seed, 50c a ton on coal, etc.

Fruit and vegetable marketing associations have been highly successful where they were able to control a large part of the output at the time when their products were put upon the market. Thus, sections which marketed strawberries in train-load lots were able to raise the price two or more cents per quart by sending their berries to points which could keep the demand up to the supply and so prevent the glutting of one market. This type of association usually supervises the output of its members insisting that it shall come up to a certain definite standard in quantity, quality, type of marketing package, method of packing and amount of output.

A LITTLE HEN SHALL LEAD THEM

WE ARE glad to print the following editorial from the Cleveland Press as it is in exact accord with what we have taught for a long time, and with the plans that we are putting into operation as rapidly as producers come to their right senses. We will not concede that the farmers of any community are in what should be a normal state of mind while they refuse to take the step that is necessary to free them from their exploiter. A short step, a simple, easy step, a rational step. What the poultry men of Europe have done, ours can do; yes, do more completely, because the plan offered them is better:

The prosecution of the poultry trust in New York is a matter of vital concern to everybody who eats eggs or chickens and everybody who keeps hens in the whole United States. Doesn't that include about all of us? It may be the hen, after all, and not President Taft or the supreme court, shall lead us out of the wilderness of monopoly into the promised land of democratic industry. Don't laugh, but read and ponder.

New York authorities say they will demonstrate that there is a hard and fast combine, effected by means of poolings and agreements, between the shippers, receivers, slaughterers and wholesale dealers, and that this combine fixes the price which the producer gets for his poultry and the price which the consumer pays.

Millions of men and women raise hens, tens of millions eat them and their products, but some nineteen individuals, it is charged, control nine-tenths of the business in the populous eastern states and take about what they please to pay them for their trouble.

Now, if there is a poor man's industry left in America it is the poultry yard. Nothing else requires so little capital and pays so well when intelligently managed. And the beauty of it is that the producer can always get a pretty good dinner out of his own backyard if he can't sell his eggs and chickens at satisfactory prices. It would be an unusually heinous crime to strike down this democratic industry and make every hen in the land lay eggs to the tune of trust music. And it is wholly unnecessary, for these reasons:

1. The poultry trust is not yet a powerful combination of capital. It is not one of the combinations that are bigger than the people for government. It can be throttled while it is in the egg shell.

2. The poultry growers of a dozen European countries, notably Denmark and Ireland, have demonstrated by years of successful experience that it is wholly feasible to co-operate on a vast scale in getting eggs and chickens to market without paying tribute to middlemen. This can be and is done with mutual profit to producer and consumer.

3. Every local community should get together in a poultry producers' association These local bodies should be combined in state and national organizations. They should have their own facilities for assembling the product and marketing it direct to the consumer. The solution of this problem of industrial monopoly by the golden rule of industrial co-operation may show us the way to deal with other problems of the kind.

Then, indeed, shall it be written: "And a little hen shall lead them."

THE TURKEY AND THE BUZZARD

PRESIDENT TAFT'S speeches in favor of Canadian reciprocity remind farmers of the old story of the white man and the Indian who were hunting and killed a turkey and a buzzard. The white man, of course, was ready for a fair division of the game, and wished to convince the Indian that he was. So he said: "I will take the turkey and you may take the buzzard, or you may take the buzzard and I will take the turkey!"

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago.....$....
WHEAT—No. 2 Northern Spring ....
OATS—No. 2 White, at Chicago.... ..55
BARLEY—Good malting, at Chicago 1.00
RYE—At Chicago ....
HAY—Choice Timothy, at Chicago, ton .....$22.00@$24.00
CATTLE—Good to choice, Steers, at Indianapolis .....$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis ..... 7.00@7.50
HOGS—Good to choice, lights and mediums, at Indianapolis 6.50@7.00

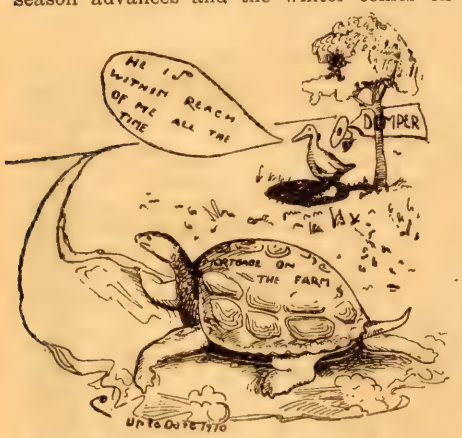
1910 CROPS

CORN—No. 2 White, at Chicago.....$ .65
BUCKWHEAT—At home market..... .85
BEANS—At Chicago 2.50
BROOMCORN—Choice Illinois, at Chicago, ton ..$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton .. 100.00@150.00
COTTON—New crop, to the grower.. .13

Advice

As long as the matter of free trade in Canadian farm produce remains unsettled, we will not give any advice, or recommend a minimum price for wheat and rye. Market corn, barley, potatoes, cattle, hogs and beans. Stop marketing as soon as the minimum prices, or higher, will not be paid. Hold oats and broomcorn.

RECENT RAINS, although scattered, have improved crop conditions very much in drought stricken sections. Corn, potatoes and pastures have been greatly benefited; also apples and other immature crops. Corn is destined to be short in yield in the North, but the South will probably make a new large record yield. Cotton still maintains its promise of a record yield. Apples will be a large crop but there will be a large proportion of small, inferior fruit mainly because of the dry weather. Tobacco in Kentucky, Indiana, Ohio, West Virginia and Missouri will make the smallest yield in years. Peas, beans and sweet corn for canneries and vegetables for the markets have been in very light supply with prices extremely high. Much complaint is heard over the country against the high cost of living, which we fear, will increase as the season advances and the winter comes on



Marketing of wheat continues to be liberal as shown by the visible supply. The increase, since our last report, was 7,605,000 bushels. The increase in the same period last year was even large—10,251,000 bushels. The visible now is 26,653,000 bushels larger than a year ago and 38,369,000 bushels larger than two years ago. It is the greatest visible supply in more than ten years at the same season. The price of cash wheat is practically the same as two weeks before, about 10 cents a bushel lower than a year before and about 17c a bushel lower than two weeks before. The price is on a world's basis and will remain so, we predict, until Canada defeats the reciprocity agreement, or the law is repealed in this country.

Corn made a slight decrease in the already low visible supply and at the same time has lost about 4 cents in price at Chicago. While the regular market quotation for corn at Indianapolis is 64 to 65 cents, it is a fact that farmers are selling wagon loads of corn in the city at 80 to 83 cents a bushel, compared with 82 to 84 cents for wagon wheat.

Oats, it is significant that Kansas City is the highest market that we quote outside of New York. The price has advanced 1 to 2½ cents a bushel except in New York it declined about 2 cents.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on August 12, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	August 12, 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	53,179,000	X 7,605,000
CORN	7,601,000	—1,579,000
OATS	18,771,000	X 5,711,000
BARLEY	705,000	— 117,000

The visible supply of grain in Canada on the same date, with comparisons, was as follows:

WHEAT—7,582,000 bushels. This is 1,197,000 bushels less than two weeks before and 2,552,000 bushels more than a year before.

OATS—4,489,000 bushels. This is 270,000 bushels less than two weeks before and 135,000 bushels more than a year before.

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
X 26,653,000	X 38,369,000	X 10,251,000
X 1,510,000	X 3,477,000	— 1,381,000
X 10,119,000	X 13,821,000	X 3,528,000
— 459,000	X 111,000	— 312,000

Closing Prices of Cash Grain

Cash grain closed in the leading markets on August 23, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

	Aug. 23	2 wks. before	A Yr. before
Chicago	.90¾@91¼	90¼@91	$1.00
St. Louis	.89½@90	89 @90	1.03
Kan. City	89	88	1.00
Cincinnati	.90 @92	88 @90	1.00
New York	95¼@96	95¼@97	1.06

MINNEAPOLIS—No. 1 hard spring, $1.07⅞; No. 1 Northern spring, $1.04¾@1.07¼. Two weeks before, $1.09⅝ and $1.07⅝@1.09¾. A year before, $1.13¾ and $1.11¼ respectively.

CORN, No. 2, WHITE

Chicago	63¾	67 @67½	62½
St. Louis	.63½@64	63½@64	62½
Kan. City	61	61½@61⅝	62½
Cincinnati	65½	68 @68½	65
New York	70¾@71¼	70 @70½	71

OATS, No. 2, WHITE

Chicago	..41¾@42½	40¾@41½	35½
St. Louis	42½	40 @40½	34
Kan. City	43 @43½	40½@41	36
Cincinnati	42 @42½	41 @41½	33
New York	45½@46	47	41

Future Grain Prices

Chicago grain futures closed August 23, 1911, and two weeks before as follows:

WHEAT—September, 90½c; December, 94⅞c; May, $1.00¾. Two weeks before, 93⅜c, 97½c and $1.03 respectively.

CORN—September, 63⅞c; December, 61⅝c; May, 64c. Two weeks before, 64¾c, 61⅞c and 61¼c respectively.

OATS—September, 42⅛c; December, 44½c; May, 47⅜c. Two weeks before, 42⅛c, 44⅜c and 47 respectively.

COTTON—The price of cotton in New York, August 23, was: Middling uplands, 12.70c; Middling gulf, 12.95c. The price is 5c lower than two weeks before.

Live Stock

Indianapolis Market, August 23, 1911.

CATTLE—Good to choice steers, 1300 lbs. and upward .....$6 35@6 90
Good to choice, 900 to 1100 lbs 5 50@6 25
Two weeks before the prices were just a shade higher.
HOGS—Best heavies, 210 lbs. and upward .....$7 65@7 85
Good to choice lights, 120 to 180 lbs, at ..... 7 80@7 85
The price is slightly higher than two weeks before.

Chicago Produce Market

August 23, 1911.

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—Ruled strong and higher. Demand was good. Receipts were not to exceed 15 cars and buyers were a little more urgent in their demands than they have been in some time. Cool weather was very favorable to the market.

Sales reported were: Jerseys—1 car Cobblers at $1.25. Minnesota Ohios—2 cars at at $1.15; 1 car sacked at $1.18; 2 cars at $1.20. Wisconsins—1 car at $1.10.
Sacks, per bu. Jersey Cobblers $1 20@1 25
Minnesota Ohios, small to choice ..... 1 15@1 20
Wisconsins, as to kind and quality ..... 1 05@1 10
Bulk, per bu, Jersey Cobblers 1 20@1 25
Minnesota Ohios, small to choice ..... 1 15@1 20
Wisconsins, as to kind and quality ..... 1 05@1 10
The price is about 40 cents a bushel lower on Jerseys and about 7 cents a bushel on Minnesota Ohios. Wisconsin potatoes just coming into the market.

HAY—Timothy hay in good demand and scarce. Prices firm. Choice Prairie hay in light supply and steady. Inquiry good. Low grades very dull; almost nominal. Offerings large with scarcely any demand.
Choice Timothy hay .....$22 00@23 00
No. 1 Timothy ..... 19 00@20 50
No. 2 Timothy ..... 17 00@18 00
No. 3 Timothy ..... 15 00@16 00
Kansas and Oklahoma Prairie, choice ..... 17 00@18 00
The price of Timothy is about $2.00 a ton lower than two weeks ago and of FIFTY ONE
Prairie hay about $4.00 a ton lower.

STRAW—Rye straw quotable at $8.00 @8.50. Oats straw at $6.50@7.00. Wheat straw at $5.50@6.00.
The price is the same as two weeks before, except rye straw, which is 50 cents to $1.00 a ton higher.

BEANS—There is not much demand, and a quiet, easy market quotable:
Pea Beans—
Hand-picked, choice .....$2 18@2 20
Good but not strictly hand-picked ..... 2 08@2 15
Mediums nominally about same as Pea Beans.
Red Kidneys, depending on quality ..... 2 75@3 05
Brown Swedish, cleared out.
The price is 15 to 18 cents lower on Pea Beans and Red Kidneys are 25 to 45 cents lower.
Choice Pea Beans are quoted $2.50 in St. Louis; $2.45@2.50 in Boston, and the same in Milwaukee, on the same date.

BROOM CORN—Nothing new can be learned of. Sales go along in a moderate way.
Illinois Corn, per ton, depending on quality .....$80 00@120 00
Oklahoma, per ton, poor to good .....60 00@100 00
If badly damaged and stemmy no regular value.
No change in price in two weeks.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned, as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday ..	7,546	5,670	10,769
Tuesday ..	9,914	11,400	6,744
Wednesdy	10,218	11,933	7,836

Only a moderate business is being transacted. Consumption is not as large as it ought to be to take up the offerings readily, but with cooler weather dealers expect an increased demand. It seems that the consumption fell off when the hot weather eggs were being received—it lessened the desire for eggs, as they were running rather poor. Now it will take a little time to convince consumers that the quality is better ,and get the public to using eggs more freely. Besides the local consumption, some outside orders are being filled.
The following quotations were established by the Butter and Egg Board:
Miscellaneous lots, cases returned—eggs which will not grade—9½@13½c, depending on quality.
Ordinary Firsts quotable at 13½c.
"Firsts" quotable at 15½c per dozen.
"Prime Firsts" quoted at 17c.
Checks or Seconds quotably 5@8c, depending on quality.
Dirties quotably 10½c per dozen, and candled stock will command a higher price.
The price is practically the same as two weeks before.

APPLES—Home demand is fair for nice Fruit. Shipping orders are very moderate. Receipts of Apples are not large. The heavy run of early apples is pretty well in. All choice to fine apples are steadily held. Common, as usual, are easy.
Barrels, standard size, 3 bushels—
Duchess, No. 1 hard .....$2 25@2 50
Ripe stock, soft to good ..... 1 00@1 50
Alexander ..... 2 50@3 00
Chenango Strawberries, fancy 2 50@2 75
Good, not well put up ..... 2 00@2 25
Lowell, No. 1, fancy ..... 2 00@2 25
Maiden Blush, fine and large .. 2 50@....
Medium size ..... 2 25@....
Common ..... 1 50@2 00
Wealthy, No. 1..... 2 00@2 25
Fine large ..... 2 50@....
Undersize ..... 1 50@1 75
Golden Sweet, good size, sound 2 00@2 25
Small or not fine .....1 50@1 75
Codling, choice ..... 2 00@2 50
Common or small apples of above kinds, depending on quality, condition and kind 1 00@1 25
Small barrels are at a discount from full, regulation size barrels.
The prices are practically the same as two weeks before.

MISCELLANEOUS

LEXINGTON, Ky., Aug 23.—The burley tobacco crop of Kentucky, which last year was estimated to be 300,000,000 lbs., will not amount to more than 50,000,000 lbs. this year, it is believed. The great shortage is due to the worst drought in thirty years, hailstorms, which recently damaged or destroyed 200 growing crops, and the failure of hundreds of farmers, who were members of the Burley Society, to plant tobacco this year on account of the large amount of the pooled crops of other years still unsold.

The new "Directory" of The Equity System of Marketing is ready for distribution to members of the Farmers Society of Equity. It contains 374 names of representatives, in 102 cities, including many millers who want to buy grain direct from the growers, seedsmen, from whom members can buy, as wil as sell, and storage houses that will receive members' crops to store. It is sent free to members. Other farmers can get it by sending $1.00 for a membership-at-large.

At Maine shipping points buyers were paying around $1.75 per barrel of 2¾ bushels, for potatoes on August 20, while in Boston on the same date they were selling at $1.00 per bushel; in St. Louis at $1.30@1.40 per bushel; Chicago $1.10 to $1.20; in Milwaukee at $1.10 to $1.25 per bushel, and in Indianapolis, home grown, $3.75 per barrel; New Jersey, $3.75 per bag of 2½ bushels.

Produce trade papers are warning apple buyers and storers against paying too high prices. With a big crop in sight there is no doubt the rules for grading will be drastic and the probability is, many apples will be left to spoil in the orchard. Will the growers move to control the marketing and storing?

"When you don't know what else to do ship to Chicago," is the gospel of too many producers. The result is frequent gluts. Our advice is to always get an advance report before shipping to the western metropolis. Better risk any other western city on a consignment.

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....
R. R. .....County .....State.....
Are you a member of F. S. E.....My Shipping Station is .....On Railroad .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.



Good Light

makes night work easier. Rayo lanterns give the most light possible for the oil used.

Rayo Lanterns **will not blow or jar out.**

They are easy to clean. Easy to fill and light. Made to stand hard wear.

You can get Rayo Lanterns in various sizes, finishes and styles. Each is the best you can buy of its particular kind.



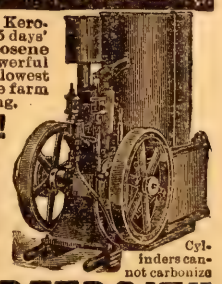
All Rayo lanterns are equipped with selected Rayo globes, clear, red or green, as desired, and wicks are inserted in the burners, ready to light.

Dealers everywhere; or write for descriptive circular direct to any agency of the

Standard Oil Company
(Incorporated)

Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing.



Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil. Cylinders cannot carbonize

Amazing "DETROIT"

The "DETROIT" is the only engine that handles coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h. p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. **Prices (stripped), $29.50 up.** Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you **Special Extra-Low Introductory** price. Write!

Detroit Engine Works, 396 Bellevue Ave., Detroit, Mich.

AUTO FEDAN HAY PRESS



Only successful self-feed; 2 men can operate it; 20 per cent less expense to operate. Record run 3 tons in one hour. AUTO-FEDAN HAY PRESS COMPANY, 1542 West Twelfth Street, Kansas City, Mo.



SPRINGFIELD STEEL CRIB

SAFE against mould, rats, mice, fire, lightning, hurricane & time. Open sides permit two weeks earlier husking. Costs less than wood. 150 sizes & styles. Easily erected.

Wm. Bayley Co., Sta. 99 North St., Springfield, Ohio.

REQUEST ADVERTISERS WANT TO Know in what Paper they saw This Ad. TO Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers. **READERS.**

UP-TO-DATE FARMING

Production and Marketing

CROP CONDITIONS

JULY and August were hard months for crops in almost all parts of the United States. The crop reporting bureau, though inclined to be decidedly optimistic, admits a remarkable fall in crop conditions during July. Corn dropped from 80 per cent. July 1 to 69.6 per cent. August 1; Spring wheat fell from 73.8 per cent. July 1 to 59.8 August 1; oats from 68.8 per cent. to 65.7 per cent; barley from 72.1 per cent. to 66.2 per cent.; potatoes from 76 per cent. to 62.3 per cent.; tobacco from 72.6 per cent. to 68 per cent.; flax from 80.9 per cent. to 71 per cent.; apples from 57.9 per cent. to 53.9 per cent. Such drops we suppose were never before recorded for any one month, and that they apply to crops covering the entire country make them all the more remarkable. According to the department figures only rice and hay showed a gain in condition during August and both of these were low July 1, hay being only 64.9, and is reported to have gained 4 points during August. This still leaves the hay crop much below its condition August 1, 1910, and nearly 20 points below the average August condition for the last ten years.

To show how widespread these conditions are, and how general was the loss in condition during July, we give the July 1 and August 1 reports of the corn crop in the following states, the first figures being the condition reported for July 1 and the second for August 1, of this year:

Illinois, 89, 74; Iowa, 98, 68; Texas, 45, 40; Kansas, 67, 54; Missouri, 78, 61; Nebraska, 82, 64; Oklahoma, 40, 33; Indiana, 91, 80; Ohio, 89, 80; Kentucky, 90, 74; North Carolina, 91; 78; South Carolina, 81, 80; South Dakota, 94, 75; Virginia, 88, 70; Michigan, 91, 81; Minnesota, 98, 81; Wisconsin, 96, 85; Pennsylvania, 91, 87. It will be noted that in all the great corn states that crop lost heavily during July. A few of the southern states, however, made slight gains. For instance, Tennessee gained two points, Alabama gained five points, Mississippi gained five points, Arkansas gained three points, and Louisiana gained four points, though the condition even in these states ruled low.

The report for September 1, giving the gains or losses in condition during August, is not yet issued, but we are inclined to think that report will show gains in the condition of corn and other crops. In many places where the drought had been unprecedented there were fair to good rains in August, and excellent growing weather, but it would seem to be impossible to bring the crops up to an average yield. Hence, a general scarcity is inevitable and prices must rule high, though the prices may be broken to a considerable degree by the influx of products from Canada.

We urge farmers, though, under these conditions, to not be in a hurry about selling. As in the case of wheat, buyers will be anxious to get the stuff as quick as possible and at the lowest prices, so that they and not the farmers will get the benefit of any rise that may follow.

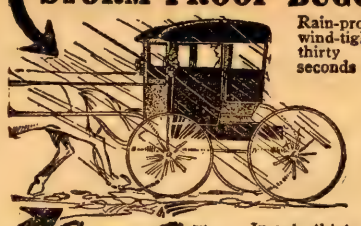
Our readers can not have forgotten our first page illustration at corn gathering time last fall (issue for October 1), and the article in which we urged farmers not to sell too hastily, even though there was a conceded record-breaking crop. We urged the cribbing of a reasonable portion of the crop, and holding it for 70 cents per bushel. Corn was very low at that time, and many regarded that price higher than could be realized. But we gave our reasons, and corn of that crop has sold for 70 cents per bushel, and even higher than that, and corn still in the crib will sell still higher before this year's crop is harvested. Now every condition but the one Canadian problem points to higher prices and that affects small grain and stock more than it does corn. It is, therefore, certain that corn will command high prices.

THE WHEAT GROWER'S WORST ENEMY

DEPREDATIONS of the Hessian fly involve the farmers of this country in losses amounting to millions of dollars every year. This insect, said to be a pest we inherited from the hated hireling Hessian soldiers of the Revolution, is well known. It is a small two-winged fly, almost black and resembles the mosquito in form and size. The male is slim bodied, and slightly tapers from the wings back, the body terminating in a kind of double expansion. The body of the female enlarges as it reaches backward, is more rotund and terminates in a point. These insects do not fly high, as a rule, and where they are numerous they may be seen in the fall depositing their little pink eggs in the grooves of the upper surfaces of the wheat leaves or blades. The egg is very little, cylindrical in form, with rounded ends, smooth and glossy, and of a pinkish tinge, the color deepening as the egg gets older.

The larva or "worm" is pinkish when it is first hatched, but it changes to a whitish color as it increases in size, until, when nearly full grown, it is of a beautiful greenish white. When the larva reaches maturity, it is encased in a brownish, leathery covering, quite resembling a flaxseed, on account of which this is called the flaxseed state of the insect, and it may

Write for our Big Catalog Giving Factory-to-Buyer Prices on this STORM PROOF BUGGY



Rain-proof, wind-tight in thirty seconds

Cozy Cabs In only thirty seconds, with three simple one-hand movements, this light, easy running buggy can be made rain-proof and wind-tight as shown.

There is plenty of room inside, with a system of ventilation providing fresh air without draft, plenty of light and a good view of the road on all sides. The Cozy Cab is a complete buggy, not an attachment. Send for free catalogue, giving factory-to-buyer prices—16 different models—$67.50 up—25 per cent less than dealer's prices. Pick out the Cozy Cab you like best and we will ship it to you for a thirty days' free trial. Write today for our complete catalogue. **Dept. DF 3**

Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.

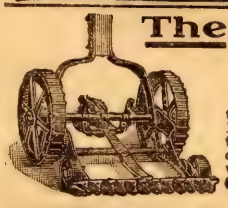
BALE 18 TONS A DAY HAY

Our "Cyclone" 3 stroke self feed hay press is the latest, most powerful and most efficient press on the market. Each circle of the team presses in three charges. The **self feed** automatically puts the hay to the bottom of the bale chamber. These improvements wonderfully increase capacity of our presses. Write today for circular K-139 and details of which gives prices five days' free trial.



GEO. ERTEL CO. QUINCY, ILL.

The CLIPPER



There are three things that destroy your lawns: Dandelions, Buck Plantain and Crab Grass. In one season the Clipper will drive them all out.

Clipper Lawn Mower Co., Dixon, Illinois.

BINDER Attachment with Corn Harvester cuts and throws in piles on harvester or in rows. Man and horse cuts and shocks equal with a Corn Binder. Sold in every state. Price $20 with Binder Attachment. S. C. MONTGOMERY, of Texaline, Tex., writes:—"The harvester has proven all you claim for it. With the assistance of one man cut and bound over 100 acres of Corn, Kaffir Corn and Maize last year." Testimonials and catalog free, showing pictures of harvester.

NEW PROCESS MFG. CO., SALINA, KAN

DO YOU RAISE GRAIN?

Make your crops net their full value. We keep you in touch with the true conditions of the MARKET and show you how to get TOP PRICES for your grain. YOU NEED OUR SERVICES. Particulars FREE.

THE COOPER SYSTEM, - - OREANA, ILL.



N. M. RUTHSTEIN
The Steel Shoe Man

Every Step Like Walking On Carpet

I want you to know about my Steel Shoes even if you never buy a pair in your life. The more your feet bother you, the harder you are on shoes, the more I want you to read my free book, "The Sole of Steel." I just want you to know why mud, brush, water, snow, ice, are all alike, all good footing, if you have on a pair of my Steel Shoes. I want to show you why Steel Shoes will cure corns, bunions or callouses if you have them—or how to always keep your feet free of these troubles. I want to show you how over half a million men are each saving about $20.00 shoe money a year, because Steel Shoes outwear about 6 pairs of leather shoes or rubber boots. Not only that, but I want to prove to you that

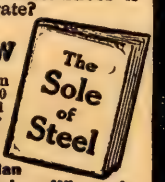
Steel Shoes Protect Your Health

Cold, wet feet lead to lumbago, rheumatism, neuralgia, colds, grippe, bronchitis and even pneumonia. Steel Shoes insure you against all these dangers, because the steel sole comes up one inch all around and is bound to the leather by a riveted, water-tight joint. Your feet are powder-dry in Steel Shoes, perfectly comfortable all the time, winter and summer, and secure against injury from nails, stones and all sharp things that rip through leather or rubber boots. When over 500,000 men will never do another day's work in anything but Steel Shoes if they can help it—isn't it time for *you* to investigate?



Write For My Free Book Now

Just a postal will do. It's worth that, surely, to gain health protection, foot comfort and a saving of $20.00 a year. Then if you decide to try a pair, I'll send them on *Free Examination and Try On* in your home. I have a size to fit every man—and boy too. Write me now for the book.



N. M. RUTHSTEIN, The Steel Shoe Man
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Ann Arbor

"THE BALER FOR BUSINESS"

BALES HAY FASTER

SAVES TIME, MONEY, LABOR

GOOD MONEY EARNER

GUARANTEED

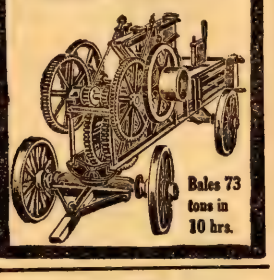
Costs Less to Operate Does More Work

The high efficiency of Ann Arbor Balers means more money in your pocket. Recent improvements and additions to the Ann Arbor line show the intelligent understanding of baling conditions in your locality you expect from manufacturers who for 24 years have devoted their time, energy, skill and facilities to building hay presses.

There are over 45 styles and sizes of Ann Arbor Balers—a Press for every kind of baling. Each one is backed by a positive guarantee that means exactly what it says. Don't buy any press until you have investigated the Ann Arbor line.

Send for Free Baler's Book and Other Printed Matter

ANN ARBOR MACHINE CO., Box422 Ann Arbor, Mich.



Bales 73 tons in 10 hrs.



Ten Dollar Clover Seed—Save It

FROM $2.00 to $5.00 more an acre can be realized from your land if you take care of the clover and alfalfa seed.

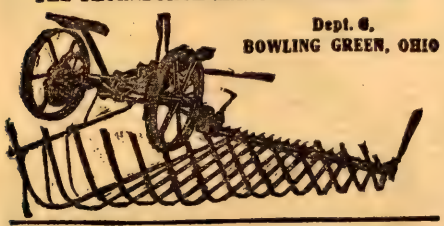
The THORNBURGH SIDE DELIVERY BUNCHER AND WINDROWER attaches to any mowing machine and bunches or windrows the hay at the will of the driver, as you cut it. No dragging over the ground, threshing out of seed, and knocking off of leaves. Often when clover is over-ripe 50 per cent. of the seed is lost in raking and tedding.

The SIDE DELIVERY BUNCHER AND WINDROWER is guaranteed to pay for itself every day it is used in labor and seed saved. There are 63,000 satisfied users in the U. S. In cutting clover or alfalfa for seed or for hay or for harvesting peas, vetch, flax, etc., it is as important to the farmer as his mowing machine.

Write for our catalog and read what farmers all over the country say about it. Send your dealer's name.

THE THORNBURGH MANUFACTURING CO.

Dept. 6, BOWLING GREEN, OHIO



O K CHAMPION DIGGERS



Get all the Potatoes

out of the ground in perfect condition. Our Two-Horse Elevator Digger saves time in your harvesting, and saves money on your own crop We invite comparison with any others.

Free Large Illustrated Catalogue

giving particulars, prices, etc., of our full line of Planters, Sprayers, Diggers, etc., on request. Write today.

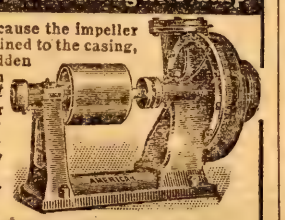
CHAMPION POTATO MACHINERY CO.

117 Chicago Ave., Hammond, Ind.

⅓ More Water raised and delivered by the **"American" Centrifugal Pump**

than by others because the impeller is accurately machined to the casing, preventing any sudden change in direction of the water. *Not an ounce* of power is wasted. Every "American" Centrifugal absolutely *guaranteed.*

Write for new *catalog.*



THE AMERICAN WELL WORKS

Office and Works, Aurora, Ill.

First National Bank Building, CHICAGO

Tell them you saw the ad in Up-to-Date Farming

be found at the base of the plant in the fall.

There are two main broods of the Hessian fly during the year, one in the spring and the other in the fall. Of the spring brood the "flaxseed" remains in the stubble after the wheat is cut, and the adults issue therefrom in September, depositing their eggs on the young plants, as we have seen above. As the larva matures it works its way down the leaf sheath, where it becomes a "flaxseed," and remains through the winter, to mature into the spring brood.

The effect of the insect on the plant may be noted in the fall. The infested plant has no central shoot, is a much deeper shade of green, is shorter and more stocky, and the leaves point upward. The plant is apt to die during the winter. By contrast, the uninfested plant is slender, bears a central shoot, and the leaves curve outward and downward. The spring brood locates itself near a joint, weakens the stem, and causes the plant to fall before harvest. What grain is produced generally passes out of the machine as screenings.

Late seeding is the best way to defeat the Hessian fly. A field that is known to be infested, or on a farm where the fly had been, wheat should be sown as late as it is at all safe to risk it. On a farm or in a field where wheat has not been grown for some years, there is not so much danger from the Hessian fly.

PRICES THIS YEAR

THE Department of Agriculture informs us that the following commodities commanded higher prices August 1, this year, than they did August 1, a year ago: Potatoes, 109.6 per cent. higher; hay, 29.9 per cent. higher; barley, 26.7 per cent. higher; buckwheat, 1.6 per cent higher; rye, 1.5 per cent higher. The following products were lower: Corn, 2.1 per cent. lower; oats, 3.6 per cent. lower; flaxseed, 5 per cent. lower; cotton, 7.7 per cent. lower; chickens, 8.2 per cent. lower; butter, 8.8 per cent lower; eggs, 11.9 per cent lower; wheat, 16.4 per cent. lower. Taking into consideration all the above products, the average was 2.9 per cent. lower than last year, and that, too, in spite of the shortage that is known to be coming in this country.

But we need not stop with the above commodities. Going back to July 15, the following commodities, says the Department of Agriculture, compare thus with the prices July 15, 1910: Cloverseed, 29.7 per cent. higher; cabbages, 29.1 per cent. higher; apples, 23.4 per cent. higher; onions, 16.2 per cent. higher; honey, 4.6 per cent higher.

The following were lower: Milk, 0.9 per cent lower; milk cows, 1 per cent. lower; beans, 4.7 per cent. lower; horses, 6.1 per cent. lower; veal calves, 9.5 per cent. lower; wool, 18.9 per cent. lower; lambs, 19.2 per cent lower; sheep, 23.4 per cent. lower; hogs, 27.4 per cent. lower. The general average of these July 15 prices is 10.8 per cent. lower; which makes the total record of farm prices July 15 and August 1, 1911, 13.7 per cent below the same prices a year ago. It is easy to see what this means to farmers, but it is not so easy to find a reason for it in the law of supply and demand—certainly not if we consider the supply and demand in our own country. But in our present only partly organized condition, we must do as we have to do when it don't rain, "grin and bear it."

CORN HARVESTER HAS GIVEN SATISFACTION

A most practical corn harvester is made by the New Process Mfg. Co., Salina, Kas. With it a man can cut and shock from four to six acres a day and a boy can run it. It will pay for itself in less than one season and will last for years. If you will write them, mentioning this paper, they will send you full particulars.



STOP WASTING $10 TO $15 AN ACRE

THAT is about what you have been wasting if you have harvested only the ears of your corn crop. Because the stalks, leaves, and husks, when properly harvested at the right time, average a value of nearly $5.00 a ton, and the average crop produces 3 tons to the acre.

But when the stalks are left standing beyond the time of ripening—when sun, wind, rain, and frost have stripped them of their nourishing food elements—they are practically worthless.

These facts have been put before farmers by our highest feeding authorities for years, and on thousands of farms, corn stover, with all the richness of the plant at its prime, has taken the place of hay for roughage.

See that you do not miss this big, extra profit this year. Prepare to harvest the whole crop, just in the nick of time when the ears begin to glaze. Then you will be safe against a shortage of roughage, or, you may reduce your acreage of hay, or, sell most of the crop. With—

An I H C Corn Binder

—a Deering, McCormick, Milwaukee, or Osborne, one man and one team can drive right along through the field, cutting and binding the stalks into bundles, and delivering them into piles, ready for shocking, all in one operation. Regardless of whether the ground is hilly or level, rough or smooth, or whether the stalks are tall or short, the work is done perfectly, at a great saving of time and labor. When the stalks are once cu and cured, they lose none of their palatable and nutritious food elements. Then, some time in the fall or winter, whenever most convenient, you can run the fodder through the husker and shredder.

An I H C Husker and Shredder

—Deering, McCormick, or Plano, will save you half the cost of husking—and will shred stalks, leaves, and husks, so thoroughly that the stock will relish every bit of it.

Start to investigate now. You haven't much more time in which to get ready. Don't put it off. Get that extra 40% this year. See the I H C local dealer and get all the facts. If you prefer, write direct for catalogue and any special information you desire.

INTERNATIONAL HARVESTER COMPANY OF AMERICA

Chicago (Incorporated) U S A

I H C Service Bureau

The Bureau is a clearing house of agricultural data. It aims to learn the best ways of doing things on the farm, and then distribute the information. Your individual experience may help others. Send your problem to the I H C Service Bureau.

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

Which One Will You Test on Your Farm for Ninety Days?

Freight Prepaid



Only $29.75 and Up

I'll Save You $25 to $50

Which will you try, 30 Days' Free or 90 Days' Approval Test?

—Any capacity from 200 to 950 pounds per hour, according to your needs, and I'll save you from $25.00 to $50.00 on the price.

—The only Separator whose gearing runs in a "Bath of Oil" like a $5,000 automobile—Feature worth $50.00 alone.

—Automatically oils itself—Pour oil at the top, once a month from your oil jug or can—No danger of running dry, or ruining it like others – No oil cups to remember to fill or turn up twice a day.

—Dust-proof — Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

GALLOWAY'S New "Bath in Oil"

HIGH GRADE STANDARD CREAM SEPARATORS

—Has the only revolving supply tank—worth $15.00 alone.

—Easiest to clean and the few parts come out easy and can't get back out of place.

—Easiest to run—high crank—low tank. With no high lifting and no "back-breaking" cranking.

—Gets the finest quality cream and all of it—no lumps or churning, as Nature's true principle is followed without forcing either the milk or cream the wrong way up or down.

—Skims closest in any climate or season, no matter whether your milk is warm or cold.

—Is as handsome a machine, compact and substantial, as you ever saw or could find. Beautiful finish.

—Let me send you my Big New Separator Book—post paid—Free, so you and your wife and the boys and girls can talk it over and then try one of my separators under my easy plan for you to do it.

You'll call it the best if you test it alongside any of the highest priced $85.00 and $110.00 separators sold by anybody today—makers—catalog houses—dealers—jobbers or anybody else. Write me today.

Wm. Galloway, Pres.

WM. GALLOWAY COMPANY

503 Galloway Sta., Waterloo, Ia.

100 YEARS' WORK

And Only
One Dollar and Fifteen Cents
For Oil and Repairs

A regular Sharples Dairy Tubular Cream Separator recently finished work equal to 100 years' service in a five to eight cow dairy. Here is the record. It proves that

SHARPLES

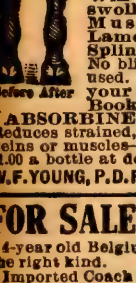
Tubular Cream Separators

are The World's Best.

Size of machine, No. 4 Tubular
Capacity per hour, 500 pounds
Total pounds separated, 2,600,000
Total turns of crank, 14,352,000
Total cost of oil, 75 cents
Total cost of repairs, 40 cents
Time used in oiling, 15 minutes
Time repairing and adjusting, 20 minutes

This wonderful record was made by a regular Tubular—just like Tubulars that are rapidly replacing all others. Write for illustrated account telling all about it.

You will finally have a Dairy Tubular because it contains no disks, has twice the skimming force of others, skims faster and twice as clean. Repeatedly pays for itself by saving what others lose. Wears a lifetime. Guaranteed forever by America's oldest and world's biggest separator concern.



Write for free trial. Other separators taken in exchange. Ask for catalogue No. 136

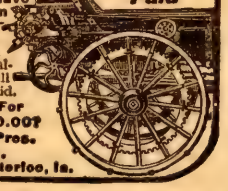


THE SHARPLES SEPARATOR CO.,
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore.
Toronto, Can. Winnipeg, Can.

I'll Save You $50
On a Manure Spreader If You'll Let Me

This is just a little ad—but a postal will bring my Big Book—and give you my $50.00 Saving Price and Special Proposition. You can save as much answering this little advertisement as if it covered a page.

My Spreader positively will do better work and last longer than any Spreader made—no matter what the price—so why pay $50 more? 40,000 farmers have stamped their O. K. on my spreader and money-saving price. My Special Proposition will interest you. Just a postal addressed to Galloway of Waterloo, Iowa, will bring you everything postpaid.



Will You Pay a Penny For The Postal and Save $50.00?
Address Wm. Galloway, Pres.
WM. GALLOWAY CO.
509 Galloway Sta. Waterloo, Ia.

Don't Have a Blind One "VISIO"

An Absolute Cure for Moon Blindness



(Opthalmia), Cataract and Conjunctivitis
Shying horses all suffer from diseased eyes.
"Visio" will convince any horse owner that it will absolutely cure defects of the eye, irrespective of the length of time the animal has been afflicted. No matter how many doctors have tried and failed, use "VISIO" under our GUARANTEE to refund money if it does not cure.
$2.00 per bottle, postpaid on receipt of price.
VISIO Remedy Ass'n, 2488 Calumet Ave., Chicago, Ill.



ABSORBINE

Will reduce inflamed, strained, swollen Tendons, Ligaments, Muscles or Bruises, Cure the Lameness and stop pain from a Splint, Side Bone or Bone Spavin. No blister, no hair gone. Horse can be used. $2 a bottle delivered. Describe your case for special instructions and Book 2 E free.

ABSORBINE, JR., the liniment for mankind. Reduces strained, torn ligaments, enlarged glands, veins or muscles—heals ulcers—allays pain. Price $1.00 a bottle at dealers or delivered.
W. F. YOUNG, P.D.F., 102 Temple St., Springfield, Mass.

FOR SALE OR TRADE:

4-year old Belgium Stallion, sound and weighs 1,800; the right kind.
Imported Coach Stallion, a beautiful Horse, weighs 1,250, and a good high-going horse with plenty of action, and a good breeder.
Address Box 20, care of Up-to-Date Farming.

HEAVES CURED. Dr. Frank's Remedy Co., Detroit, Mich., tells how, FREE.

REQUEST ADVERTISERS WANT TO Know in what Paper they see their Advertisement. Therefore We Urgently Request You TO to mention UP-TO-DATE every time you Write to Our Advertisers. READERS.

UP TO DATE LIVE STOCK AND DAIRYING

THE HORSE DOESN'T KNOW

MANY a good horse is ruined these hot summer days because the driver that ought to know better does not think. The willing horse, faithful servant, does know, but he can't tell it. The driver, especially at work in the fields, foolishly thinks if he can stand it the horse ought to. But the horse is laboring under many conditions that the driver is not. He may be abundantly able to do the work in hand, but the heat accompanying it may interfere with the healthful working of some of the organic functions. These symptoms may not manifest themselves externally, at least are not noted by the thoughtless driver, who pushes on, each minute increasing the trouble untid irreparable injury may be done.

The horse is too valuable an animal to be handled carelessly or thoughtlessly. The mind of the driver should be on the horse more than on himself, for within his own body there are hundreds of little warning stations to remind him of dangers to himself, while only his sight and judgment can tell him of dangers to the horse. The owner makes a great mistake when he trusts the work horse to reckless or unthinking handlers.

Extra care is also required in the stalls during hot, sultry weather. To keep the stalls clean, an important matter always, is more important in summer than in winter. Flies multiply in filth, and in hot weather the air becomes too foul for even animals to breathe. The farm work team usually has a pasture lot to run in at night, but that is no reason for not keeping the stalls clean. The ventilation of stalls should be abundant, but if they can be darkened during the day they are much better resting and feeding places; flies are not so bad in a darkened stall.

Do you unharness the team when you take out for dinner? Some farmers do, but many do not. Horses can not cool off and rest well during a hot noon hour with the harness on. It takes but a minute to remove the harness and replace it, and that minute is not wasted time, because it is so great a kindness to the team that will fully return the value in being in so much better condition for the afternoon work.

INCREASE IN HOG PRODUCTION

INDICATIONS point to a rapid increase in hog production. Reports from Kansas at least are to the effect that the number of sows kept in that State is much larger now than for some years previous, in many cases doubling former numbers. As these reports come from the assessors, they are free from "padding for a purpose," and may be relied on. There is no reason at all to consider Kansas alone in that condition. Had we similar reports from other States like facts would no doubt be shown.

As has been observed by another writer, high prices for any one thing produced on the farm means a surplus later on. Farmers are not combined and have no "agreement" by which the production of anything may be controlled, and since hogs have, for a year or so, brought remunerative prices, stockmen and farmers are rushing into hogs, with a result that is already beginning to be felt.

We want every need fully supplied and at reasonable prices, but farmers must have profits or they must go out of business. That farmers may live out of their own fields, orchards, and gardens is no reason that they should work for nothing. The trusts and combines that control all other production, put out only what will sell at a fixed price, and farmers can easily put themselves in a position where they can know what is needed, and regulate production to meet the need, thus benefiting themselves and harming no one else. With that information farmers would not rush wildly into what might be short one season only to overwhelm it and make it unprofitable the next. Irregularity of production and unsystematic marketing is the bane of agriculture, and intelligent co-operation is the remedy for it.

TREATMENT OF SHEEP

THE Breeders' Gazette is responsible for the statement that much money is lost in the treatment and handling of sheep. This is specially true of lambs, particularly in taking them to market. In the first place, they are taken from the mothers too long before they are marketed. Lambs are sure to shrink after being separated from the ewes and as it is the firm meat and milk fat the buyers wish, if this is lost by shrinkage resulting from change of diet or by treatment not conductive to contentment and development the seller suffers loss and the user is disappointed.

Besides keeping lambs too long after being taken from the ewes, it is customary to drive them to the shipping point, sometimes quite a distance, and often by reckless boys accompanied by dogs that keep them in a constant state of excitement. Under such circumstances, lambs deteriorate with wonderful rapidity and lose weight remarkably. Adult sheep can stand such treatment better than lambs, but under rough treatment even they shrink very fast. Contentment is an important element in the lives of all stock, but it is more emphaticly so in the lives of sheep. Get these animals to market in the most comfortable and least exciteble way.

HEAT AND THE HORSE

THE papers are reporting with apparent sincerity, that during the intense heat of this summer no less than five thousand horses lost their lives or were disabled from that cause in New York, and almost an equal number in Chicago, while other cities, of course, had their proportion of such losses. This is no small matter, and must materially affect the demand for work horses, and may possibly give prices an upturn.

The lesson in it, though, is the importance of watchfulness and care on the part of those who have charge of work horses. A man may stand the heat better than a horse, especially when the man is riding and driving. A horse is often greatly injured before the driver realizes it.

A guaranteed device to assist hearing is sold by Geo. P. Way, 5 Adelaide St., Detroit, Mich. If you are deaf write him. Send names of people who are deaf.

DE LAVAL CREAM SEPARATORS

not only save their cost every year but may be bought on such liberal terms as to literally pay for themselves. Why should you delay the purchase of the best separator under such circumstances?

THE DE LAVAL SEPARATOR CO.
165-167 BROADWAY, NEW YORK. 29 E. MADISON ST. CHICAGO.

100 Note-Heads 50c

Send 50c for 100 fine white noteheads, full size, ruled both sides, with your name and address and date line in attractive and business-like style. Also 100 envelopes, on fine quality white envelopes, 50c; both, $1.00, postpaid. Guaranteed best work. Sure to please or money back.

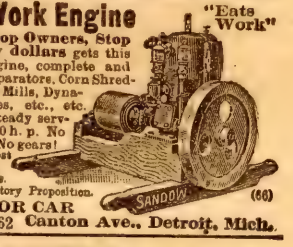
$15.95 and Upward AMERICAN SEPARATOR

FREE TRIAL. FULLY GUARANTEED. Easy running. Easily cleaned. Whether dairy is large or small, obtain our handsome free catalog. Address BOX 1149
AMERICAN SEPARATOR CO. BAINBRIDGE, N. Y.

Let SANDOW Run It!

Wonderful Work Engine "Eats Work"

Farmers and Shop Owners, Stop Sweating! A few dollars gets this grand little work engine, complete and ready to run Cream Separators, Corn Shredders, Grist Mills, Feed Mills, Dynamos, Printing Presses, etc., etc. Gives a lifetime of steady service! All Sizes: 2 to 20 h. p. No cranking! No cams! No gears! Only 3 moving parts. Finest construction. Thousands in use. Guaranteed 5 years. Write for Special Introductory Proposition.



DETROIT MOTOR CAR SUPPLY CO., 62 Canton Ave., Detroit, Mich. (66)



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"THE BALER FOR BUSINESS"

Better Value—Same Cost

Ann Arbor Balers are the cheapest, safest, and the greatest money earning and time saving hay presses built.

Bale easier, quicker, are safer and stronger; make better, tighter, cleaner bales. Cost less to run—last longer. Positively guaranteed. Twenty-five years' success building hay presses; our established reputation is your best assurance of satisfaction. Prices reasonable. Write at once for printed matter. Box 472

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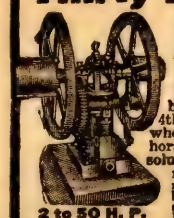
STOP! STOP! STOP!

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Burns gas, gasoline, kerosene, distillate. Consider these

12--Advantages--12

1st, Pays for itself in fuel saving in short time. 2nd, No violent vibration. 3rd, Greatly reduced bulk. 4th, Easily portable; mounted anywhere. 5th, Every engine part and horse power guaranteed. 6th, Absolutely frost proof. 7th, Positively most economical running engine made. 8th, Only engine with pulley on both sides. 9th, Small pulley on cam shaft, for very slow machines. 10th, Perfect Lubrication, cooling & ignition. 11th, Lowest cost engine in the world. 12th, Made by reputable firm, 60 years in business.



2 to 50 H. P. Wonderful New Pumping Engine
Send postal today for Illustrated Catalog.

United States Engine Works
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BUNDLES

of this number, 25 copies for 25 cents by mail. If it was valuable to you it will be to your friends. Send silver or stamps.

DON'T BUY A GASOLINE ENGINE

Until You Investigate The Temple Make.

Its Great Advantages are: 1st—Lowest Fuel Cost; pays for itself in Fuel Saving. 2nd—Delivers Steadiest Power Stream, adapting it especially for operating farm machinery. 3rd—Easy on the machine it operates. 4th—Uses Gasoline, Kerosene or Gas. 5th—Perfect Lubrication. 6th—Starts Easily and Quickly, occupying minimum space. 7th—It is the King of Portable Engines. No engine has so wide a range of use. YOU WILL MAKE A MISTAKE IF YOU DO NOT WRITE FOR INFORMATION. We make 1½ to 5½ H. P. single cylinder engines; 6 to 20 H. P. two cylinder engines; 30 to 50 H. P. four cylinder engines. All Heavy duty, slow speed engines. For surety of operation and low fuel cost our engines lead.
TEMPLE PUMP COMPANY, Manufacturers. 414 West 15th St., Chicago, U. S. A. This is our 59th year

Silo Profits

DR. A. L. WYMAN is one of Hall county's progressive farmers, living near Wood river. A year ago when hail struck his corn crop he decided that something must be done, so he constructed a silo to save the remnant of the crop. The returns from this first silo were so satisfactory that last fall be built another. Mr. Wyman is in the dairy business and keeps a record of the performance of every cow in his heard. He describes his operations as follows:

"The writer was raised by a dairy mother, who used to feed and clothe and school a family of six children by milking cows and selling butter. So I am not to be blamed for going into the dairy business—I was born that way.

For the last six or seven years it did not take much of a father or mother to figure out that with the price of grain and hay and the price of butter fat or milk that the old cow was not paying for the feed it took to keep her; so it is no wonder people dislike to milk cows. But the writer who are feeding grain, bran and oil meal with your alfalfa and corn stalks in the field to your cows do as I have done and figure the cost of your product and you will find that your profits, if any, are on the wrong side of the ledger. Get a Babcock tester, weigh and test your milk and weigh your feed and you will be surprised to find your pet cow is only a boarder—not paying for her feed.

"Here is a seven-day record of milk, butterfat and butter from nine Holstein cows, showing the record and profit in feeding dairy cows on ensilage and alfalfa.

Summary of Seven-Day's Record

Name of Cow	Milk Lbs.	Butter-fat, Lbs.	Butter	Milk Test.
Blackey	156	4.99	$ 5.82	.032
Browney	172	5.48	6.81	.034
Ruth	161	6.11	7.02	.038
Jumbo	229	8.24	9.61	.036
Snowball	155	5.27	6.14	.034
Ruby	208	6.24	7.28	.03
Granny	120	4.80	5.60	.04
Rachel	185	7.40	8.63	.04
Betty	157	5.33	6.22	.034
Total	1,553	54.22	$63.13	*.35



Modern Farm Equipment on Ledgley Farm, Hindsdale, Ill.

will give you the figures on a new feed for old Spot that will make her a paying investment and you can milk a small dividend twice a day.

"This new feed is called ensilage, or 'canned corn.' You have all read of it and looked at pictures, but if you want to see the real thing drive down to Dr. Smith's farm and I will show you.

"You have all seen the tables of the cost of a ton of silage in the silo. If not, the cost, including expenses, such as rent of land, help, interest on cost of silo and everything, is not quite $2 per ton.

"An acre of corn that will husk out forty bushels will make eight tons of silage that is worth $6 per ton, or $48, while the corn at 48 cents per bushel would bring but $19.00. Besides you have saved the cost of husking, hauling to market and shelling the corn and your fodder is in the silo. When fed it returns to the land the manure from both grain and stalks instead of being sold off of the farm.

I am giving below a test sheet of common grade cows—Holstein grades—which does not look so big in yield perhaps, but when you follow it through you will readily see that Alfonso is not working for fun or losing any money.

Now you milk sellers or farmers

*Average test.

Feed—Silage, forty pounds per day; alfalfa, ten pounds per day.

Silage—2,520 lbs., at $6 per ton	$ 7.56
Alfalfa—630 lbs. at $10 per ton	3.15
Cost of feed, 7 days	$10.71
Sold 54.22 lbs. butterfat at 30c,	16.36
Sold 1,500 lbs. skimmilk at 30c per 100 lbs	4.50
	$20.86
Net profit over cost of feed for 7 days	$10.15

Did your dealer ever hand out a bunch of coffee to you and say "you weigh it and pay me what it's worth?" Hardly. But very likely every time you sell a cow or hog or a load of hay you take the other man's weights. It pays to know what's right. Weigh for yourself. Get an Osgood scale from Osgood Scale Co., Box 100, Binghamton, N. Y. Write for free catalog.

Awful Bad

Repentent Johnny—Mother, I guess you'll have to whip me, I did awful bad today. The church door was open and I went in, but there was nobody there, and I—

Mother—Now, Johnny; you didn't steal anything out of the church, did you?

Johnny—O, mother, I did worse than that; I—

Mother—You didn't tear up any of the books—

Johnny—It was worse than that; lots worse than that. I went into the Amen corner and said "Damn!"

OUR FLAG COLE BROS. FRANKLIN LIGHTNING ROD. CBFR

OLDEST LARGEST BEST
1849 SIXTY-TWO YEARS 1911.

OLDEST LIGHTNING ROD HOUSE IN THE WORLD. COLE BROS. Franklin Lightning Rod has had a larger sale than any other Rod which was ever made.

COLE BROS. could not have done business successfully sixty-one years, if they had not made a good Lightning Rod. Their Rod has been the Standard for more than half a century.

COLE BROS. Franklin Lightning Rod is imitated by many cheap manufacturers, because it is the best.

Beware of the cheap imitations. The Genuine has C B F R stamped upon the Coupling of every Rod section. Buy no Rod which does not have these letters.

You can't afford to experiment with some cheap flimsy affair, when you can get a good substantial durable Rod, with an established reputation.

The Rod which has protected others for sixty-one years will protect you.

Look for this It stands for

THE WORLD'S BEST LIGHTNING ROD

RELIABLE AGENTS EVERYWHERE. PATRONIZE THEM.

310 to 320 South Seventh Street. SAINT LOUIS.

Get a Rex Fountain Pen From Me



WRITE *it to your friends that Up-to-Date Farming is the only farm paper out of over 400 that helps them to market their crops to get the most money. Tell them they ought to read it.*

To write such a good message you should have one of my fountain pens. This pen is hard rubber holder and 14 karat gold point, writes smooth and last for years with ordinary care. Few articles are more desired and prized when obtained than a good fountain pen. This is a high grade one. They sell others where used.

My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years, or four subscribers for one year each and I will send the pen as a reward and guarantee it.

J. A. EVERITT, Editor, Indianapolis, Ind.

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MYERS
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sews shoes, harness, belts, rugs, gloves, etc., etc. A time and money saver in every household, on every farm, for every teamster. Curved and straight needles. Can be carried in the pocket. Always ready to mend a rip or tear. Saves trips to town. Will make it unnecessary to buy many new things.

My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years each, or four subscribers for one year each and I will send this genuine Myers Awl and guarantee it. This is a great offer. Send today.

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CORRUGATED IRON $1.25 per 100 Sq. Ft.

FIRE, WATER & LIGHTNING PROOF

Never Before and Never Again A Roofing Offer Like This!

There are only 5000 squares of this Corrugated Iron Roofing at this price. It's brand new, perfect, first-class in every respect, but *light weight.* We bought it at a forced sale and must sell it quick. Sheets 22x24x1¼ in. corrugation. ***Our wrecking price only $1.25 per square,*** delivered f. o. b. cars Chicago. On this item specify Lot No. 700 because we cannot pay freight at this unheard of price. Let us, however, quote you the lowest

Freight Prepaid Prices ever offered in the history of Roofing Materials. We must move our surplus stock on all of our roofing materials and since we have literally "smashed" prices on every kind of roofing material, this is your opportunity to buy what you need, at a tremendous saving. We intend to maintain our leadership as the largest "direct to consumer" Roofing Material Concern on earth and we defy any competitor to meet our prices.

Our Big Advantage The unequaled buying power, made possible by our perfect buying organization and our $1,500,000.00 capital and surplus—makes it possible for us to pick up these "snaps" and pass them along to you.

We Will Save You Money on any and every kind of roofing, siding or ceiling. If you are thinking of re-roofing your house, barn, graineries, poultry houses, etc., write us and we will give you the benefit of our years of experience and our best advice as to the kind and quality you should buy.

Galvanized and Painted Coverings We have full stocks of Plain Flat, Corrugated, Standing Seam and "V" Crimped sheets, suitable for all covering purposes—Roofing, Siding, Ceiling, Lining, etc. ***Metal Roofings are best*** and cheapest in the long run, easiest to lay, longest life, non-absorbent; fire, water and lightning proof; cooler in Summer, warmer in Winter; do not taint rain water; with ordinary care will last a lifetime.

THIS HAMMER *Is the only Tool you need* —And We Furnish it **FREE**

With every order for three or more squares of Roofing, Siding or Ceiling we give, absolutely free, one full-sized, first class hammer as here shown. Remember this is not, in any sense, a "toy" hammer but a warranted tool made of properly tempered, crucible cast steel, not excelled by any hammer on the market. Adze eye, bell face; selected, straight-grained hickory handle properly balanced and put in. Just such a hammer as you have daily use for around the house and farm—the kind you would pay 60c or 75c for at any hardware store. Order three or more squares of Roofing, Siding or Ceiling and get one of these fine hammers, Free.



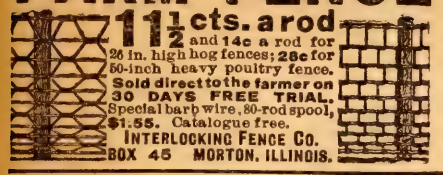
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Tell us kind of building and size, also ask for our ***special low freight paid price*** and clear, easily understood roofing proposition, including our ***BINDING GUARANTY*** which, for eighteen years has protected every purchaser. Your money back if any goods fail to meet our representation. Don't fail to send coupon for Great Free Roofing Book.

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THIRTY-FIFTH AND IRON STS., CHICAGO

FARM FENCE



11½ cts. a rod and 14c a rod for 26 in. high hog fences; 28c for 50-inch heavy poultry fence. Sold direct to the farmer on 30 DAYS FREE TRIAL. Special barb wire, 80-rod spool, $1.55. Catalogue free.
INTERLOCKING FENCE CO.
BOX 45 MORTON, ILLINOIS.

13¼ Cents a Rod



For 18-in. 14 3-4c for 22-in. Hog Fence; 15c for 26-inch; 18 3-4c for 32-inch; 25c for a 47-inch Farm Fence. 48-inch Poultry fence 28 1-2c. Sold on 30 days trial. 80 rod spool Ideal Barb Wire $1.45 Catalogue free.
KITSELMAN BROS.,
Box 289 MUNCIE, IND.

FENCE *Strongest Made*



Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free.
COILED SPRING FENCE CO.
Box 88 Winchester, Indiana.

GINSENG $25,000.00 from one-half acre. Easily grown throughout U. S. and Canada. Our booklet C H tells particulars. Send 4c for postage, McDOWELL GINSENG GARDEN, Joplin, Mo.

HONEY—Calif. sage honey, freight paid, per lb.—Light Amber, 10c; White, 11c; Water White, 12c—Will ship allowing inspection before payment. Large sample, 10c. Honey leaflet free. Spencer Apiaries Co., Box 43, Nordhoff, Cal.

SEED WANTED Send samples and quote us price wanted on Timothy, Clover, Blue Grass, etc. O. K. SEED STORE, Indianapolis, Ind.

For Father, Son, Brother, Uncle, Nephew or Grandpa

$5.00 Safety Razor for Only 97c



Beautifully silver plated with stropper, handle and holder, a full set of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade $5.00 outfits sold in stores. Remember this Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States.

All you need to do is to refer to this ad. enclosing ninty seven cents, with your name and full address and the complete Grains Safety Outfit exactly as described will be sent at once fully prepaid.

L. C. GRAINS COMPANY
23 Pulsifer Bldg. Chicago, Ill

$720 CASH

GETS THIS

60 ACRES

Unimproved farm located in Washington Co., Alabama. Land all around it is being sold today for $25.00 an acre. For a quick cash deal I am prepared to make a discount of over 50 per cent.

It is right on a new railroad, and only a mile from a new town site. It is as good tobacco land as Kentucky; as good corn land as Illinois; as good potato land as Michigan; as good fruit land as New York.

Excellent opportunities for truck raisers—within two hours of the great southern seaport, Mobile.

This is the best of the 100,000 acres surrounding it. Lies high, excellent drainage—no mosquitoes, no swamps, no malaria. Most healthful climate in America—no blizzards, no snow storms, no long freezes, stock stay out all winter; raise three crops a year. Plenty of rainfall—no drouths, no expensive irrigation. Pleasant days and cool nights—no sun strokes, no sweltering, sleepless nights.

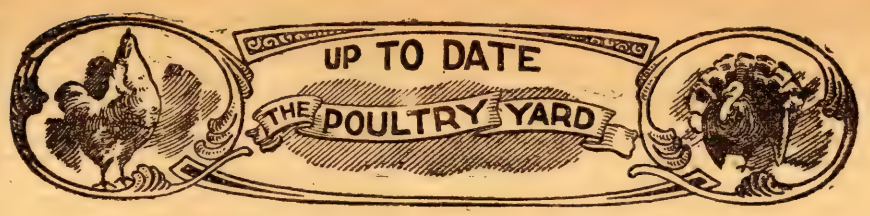
Land a rich, productive, sandy loam, with clay subsoil. Perfect title guaranteed.

MUST SELL AT ONCE

It is only for a quick, cash sale that I can offer this property at such a figure. If sold within 60 days I can make a price of $12.00 an acre; $720 for the entire 60 acres.

Write me at once if you want a great big bargain in real estate, where you can enjoy life every day in the year.

J. B. FENTONY
Attorney-at-Law Indianapolis, Ind.



IT IS WELL

A life well led,
Papers well read,
Words well said,
Stock well fed,
Children well bred—
All's well.

CAPONS AND CAPONIZING

THERE is no doubt that one of the most effective reducers of average poultry profits, especially on the farms, is the keeping of an excess of roosters, when no roosters at all are needed. It is seldom that any of the roosters that ran with the flock during hatching time are disposed of, and we have often seen enough cockerels among the marketable young chickens to stock a neignborhood. These cockerels should have been marketed when they would have brought the best price, at a weight of two or three or four pounds. This would have taken them out of the flock and out of the way, a saving of feed and trouble, and often a means to avoid crowding.

But poultry women particularly seem to have an aversion to selling chickens before they are grown. Caponizing comes as a distinct relief to this class of people. The operation is not an attractive one by any means, but it is simple, and appropriate instruments may easily be obtained at no great cost.

Capons lose all of their masculinity, never learn to crow, are never troublesome in the flock, grow rapidly and attain greater size than cockerels, make much more delicious meat, and always command higher prices than uncaponized fowls. The best time, perhaps, to sell capons is when they weigh from eight to nine pounds. In the city markets they should then net the growers twenty-five to thirty cents a pound. Well grown capons will attain much heavier weights. but heavy birds are not so popular in the markets.

HENS AS LAYERS

IN ANY variety there is a difference in the laying capacity of hens, even under the precise conditions and treatment, and we know that this egg producing capacity may be built up. Only the best layers should be kept in any flock, and especially should eggs only from the best layers be used for hatching. We admit it is not an easy matter to determine the best layers, though the faithful and observant keeper may reach some excellent conclusions in that regard. The trap nest, of course, will tell the story, but not many can afford the time or appliances for that method in a flock of several hundred hens on a farm. So we must perhaps be content with close observation, thinning out the inferior layers as fast as discovered.

INDIAN RUNNER DUCKS

THE raising of Indian Runner ducks is proving very popular with farmers. Many advantages are claimed for ducks over chickens. It would pay perhaps to start with them in a small way.

Indian Runner duck eggs are finding a ready market with hotels and for family consumption. It is said they are superior to the hen egg in flavor and a little larger in size. These ducks lay 150 to 300 eggs a year. The eggs sell for more per dozen than chicken eggs.

Little ducklings are easy to raise if care is used in feeding them. They need bone building material. The young ducks grow three or four times as fast as young chicks and must have food to make bone. Feed bran, beef scraps, linseed meal, and a little cornmeal. Never feed cracked or whole corn. It will kill the ducklings.

LICE AND DAMPNESS

THE TWO things most to be dreaded and guarded against in growing young chicks are lice and dampness. Clean quarters is the best safeguard against the first. Renew the nests frequently, and never think of setting a hen in an old nest. When hen brooded chicks are discovered to be infested, grease their heads and about the tails with lard, and thoroughly grease the hen mothers under the wings and wherever lice may find a harboring place.

To guard against dampness the chicks should have a clean, dry place in which to roost. If they roost on the ground the place should be high and dry and dusty. It is safest perhaps, to have the roosting coop set upon a board floor, and there should be ready convenience for shelter from rains, and they should never be allowed to range in early morning in the dewy weeds and grass. Overcome the lice and guard against dampness, and the thriftiness of the growing chicks is almost assured.

SIZE OF FOWLS AND EGGS

IT IS NOT always the case that the largest fowls produce the largest eggs, but it is generally so. It is pretty generally conceded by disinterested parties that the Leghorns lay more eggs than any other variety, but the eggs are smaller than those of larger fowls. This may be obviated by selection. There is a difference in the size of Leghorn hens, and it has been noted that the larger hens lay larger eggs than do the smaller ones. Therefore, only the larger sized hens should be kept for layers, and in that way both the size of the hens and the size of the eggs may be built up without reducing the number of eggs produced. We know this to be true from years of experience with this breed of fowls.

The Minorcas are a good layer also, and they are a larger fowl than the Leghorns, and they lay a larger egg; but we can not say that they lay so many of them. The same may be said of other egg-producing breeds. Of the so-called all purpose fowls, the Plymouth Rocks, Wyandottes and Rhode Island Reds, the American breeds, the Wyandottes do not lay quite so large an egg, as do the Plymouth Rocks, but the Rhode Island Reds average well up with the best. The same rule, however, holds good in these varieties that the larger hens lay somewhat larger eggs, though the larger hens may not lay quite so many as the smaller.

BLINDNESS IN POULTRY

BOTH young and old chickens are subject to spells of blindness at all seasons of the year, and especially in the late winter and early spring, which may be caused either by disease or drafts of air at night. When the birds come from the roosts in the morning their eyelids are stuck so firmly together that they can't open them without help. If both eyes are in this condition, the bird, of course, can not feed properly and it soon droops and dies. By having their heads dipped in clean, warm water and the eyes washed open and then anointed with vaseline, such fowls can often be cured.—Journal of Agriculture.

A Very Generous Spectacle Offer

One of the most remarkable offers made by a large company is the one now being announced by the Dr. Haux Spectacle Co., 203 Haux Bldg., St. Louis, Mo. who are offering to send a brand new pair of Dr. Haux famous Perfect Vision Spectacles to all our readers who really need spectacles, absolutely free of charge. There is no reason whatever why you should not get a good pair of spectacles free if you need them, and we, therefore, advise you to write to the company at once for full particulars.



Get the Hens Back on the Job Shelling Out Eggs

We guarantee you will cut the molting period in half if you give your hens

Pratts
Poultry Regulator

They will be back at work again laying more eggs than ever. Pratts Poultry Regulator is a Conditioner, Regulator, Egg Producer and prevents disease by keeping the digestive organs working properly, regulating the bowels and purifying the blood.

Satisfaction Guaranteed or Money Back

Our dealers refund your money without question if any Pratt Preparation fails to please you.

25 lb. pails $2.50. Also in smaller packages and 100 lb. bags. If your dealer cannot supply you, write us.

Pratts Cholera Remedy is guaranteed to prevent and cure this disease. Pratts Lice Killer will positively destroy lice.

We will mail you free copy of our 1911 Poultry Book on request.

PRATT FOOD CO., Dept., W Philadelphia, Pa.

Pratts Animal Regulator—admitted grain saver will improve horses, calves, hogs and sheep.

50,000 MEN WANTED
In Western Canada

200 Million Bushels Wheat to be Harvested

Harvest Help in Great Demand

Reports from the Provinces of Manitoba, Saskatchewan and Alberta (Western Cannada) indicate one of the best crops ever raised on the continent. To harvest this crop will require at least 50,000 harvesters.

Low Rates will be given On All Canadian Roads

Excursions are run daily and full particulars will be given on application to the following authorized Canadian Government Agent. The rates are made to apply to all who wish to take advantage of them for the purpose of inspecting the grain fields of Western Canada, and the wonderful opportunities there offered for those who wish to invest, and also those who wish to take up actual farm life. Apply at once to

Canadian Government Agent
W. H. ROGERS,
3d Floor, Terminal Traction Bldg., Indianapolis, Ind.



I WILL MAKE YOU PROSPEROUS

If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail; appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once.

Unusual opportunity for men without capital to become independent for life. Valuable Book and full particulars FREE. Write today.

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FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley, the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. No lands for sale; organized to give reliable information. Sacramento Valley Development Assn., SACRAMENTO, **California**

Desirable Improved **FARMS FOR SALE**
in Central New York at prices from $30 to $100 per acre with good buildings. For full description, write
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Seat of Cornell University and New York State Agricultural College

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Have no fear in writing to advertisers—they are **Guaranteed**
See Guarantee of Advertisers in this issue

He Gave Himself Away

"After I have refused three other proposals you may come to me for your final answer." Thus did Bettina deliver the ultimatum.

Wetherell surveyed her blankly, a stunned look taking gradual possession of his face.

"And you want—other admirers, suitors?" A pained expression crept into Wetherell's eyes and caused the straight, black lashes above them to contract sharply.

"Most girls do, you know. It's a little weakness of the sex—a strategy to provide harmless amusement. Men have so many diversions and girls so few!

Bettina rose and followed him out to the door. "You take everything too seriously, Bobby," she said at parting.

"Then you didn't mean—"

"Of course I did, stupid!" she laughed. An instant later he was gone.

Exquisitely gowned in a morning robe of pale blue, Miss Robeson sat toying with her chocolate spoon after a late breakfast.

The maid entered with two letters on a silver tray. A glance at the handwriting on the back of the largest caused her to shut her lips tight. The other letter she merely glanced at and shrugged.

With eager fingers she broke the seal of the one bearing the mysterious chirography and with a wildly-beating heart read:

"My Dear Miss Robeson: May I take the liberty of addressing a few words of interest and praise to one whom I admire more than words can express?

"You do not know who I am, but I have seen you thousands of times and watched your career with no trivial degree of enthusiasm.

"I wish you would let me be your friend, Miss Robeson, if only at a distance. My interest in you is deep and genuine and it would afford me the keenest satisfaction to be allowed to follow you in your upward march and contribute what small crumbs of encouragement by modest position in the world of literature will permit.

"Sincerely, Huntington Crosby."

Bettina Robeson re-read the letter three times in bewildered silence. Hutington Crosby! She had never heard of such a person! But perhaps that was an assumed name.

By way of dismissing the subject from her thoughts, she picked up Bobby Wetherell's hastily scrawled letter and glanced through it. He would be very busy for the next few days; he could not come on Friday night, or Sunday afternoon, either—and he regretted exceedingly that he would not be at liberty to take her to the horse show Tuesday. When she finished reading it, Bettina did a very contrary thing; she stamped her white-slippered foot upon the carpet and tossed Bobby's letter into the trash basket. Then she rose abruptly and crossed the room to a little rosewood writing desk in the corner. She would answer Huntington Crosby's letter!

In due time came a reply to her carefully worded little note. It called, undeniably, for a response, and as Bobby was still extinct, the response was punctual.

Crosby's third letter contained an exhaustive pen picture of himself, and he requested permission to call. After a good deal of reflection, Bettina granted it. She was growing desperate over young Wetherell's neglect.

But her admirer was "called south on unexpected business," and the golden opportunity slipped by.

For several weeks the mails between 1234 G. street and "Maplewood" were kept busy. The climax came when Bettina received a proposal of marriage by special delivery. When she began to read the man's endearing words, she was shocked, horrified. But by the time she had reached the signature, a complete change had come over her, and it took her exactly ten minutes to write—and except her mysterious wooer.

The wedding day broke clear and sparkling as a sapphire.

It had taken a fortnight to make preparations for the event, and not even the Robeson household knew of Bettina's strange procedure.

The hour was set for 11, at the little chapel a block away, and promptly on the stroke of the hour Miss Robeson descended matter-of-factly from her carriage in front of St. Catherine's, and walked toward the door.

A tall man in a dark gray traveling suit was leaning against the little green iron fence, and he joined her at once. The minister had preceded them only a moment, and the couple entered in silence. After the ceremony they stood looking long and earnestly into each other's eyes.

"I was half afraid when you saw me you'd back out," he said, the first to speak.

The bride opened her purse and drew forth an engraved card. She held it out to him with dancing eyes. The name traced upon it was Mrs. Robert Knight Wetherell. The newly-made groom stared at her with nonpulsed eyes.

"Oh, Bobby," she laughed, "you're the biggest goose. When you wrote me that special delivery letter you—you forgot and signed your own name.

AUTOMOBILE NOT A LUXURY

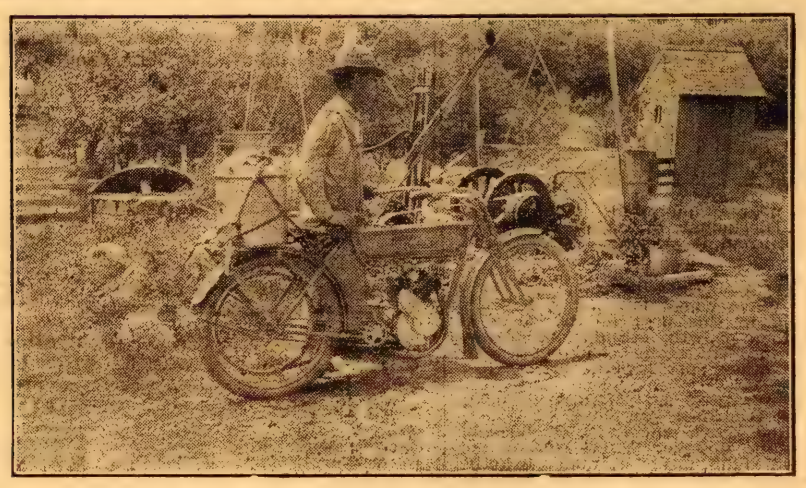
In the cities one frequently hears of the automobile as a luxury. This is not the case with farms.

On the farm there is some one handy with wrench and oil can who is mechanic enough to get excellent service from an auto. There is no "tinkering" by would-be repairmen. So the cost of maintenance is merely nominal.

The country's two-billion-dollar investment in horses and wagons for business and pleasure purposes has never been regarded as an economic waste. If we substitute a better machine for what has been only partly done by horses before, it is only right and natural that their use should grow. The automobile is a money maker for farmers.

Stoves and heaters can be bought from the factory. Guaranteed by the people who make them and money refunded if you are not pleased. Free trial before you buy. Send for the latest catalog showing improvements. Hoosier Stove Factory, 161 State St., Marion, Ind.

A piano from headquarters, if you buy of G. S. Pursell, Dept. 71, 14 Western Ave., Chicoga. Send for free catalog.



J. L. Adams, of Waukesha, Wis., Leaving for the Creamery

The above illustration was taken on the farm of J. L. Adams, three miles from Waukesha, Wis., and shows Mr. Adams leaving for the creamery with the day's separation.

This is rather a new and unique use of the motorcycle. It is but a question of time, however, when these modern conveyances, because of their cheapness of operation (from one-sixth to one-tenth cent per mile) and their great time saving faculties will be installed on a good many farms.

Nearly all standard makes of motorcycles can today be equipped with a luggage carrier or an extra seat, if desired. This lends utility and takes away the selfishness of motorcycling.

We understand that with these luggage carriers it is possible to carry groceries, sack of grain, barb wire, repairs and many other things weighing up to 200 pounds to and from the farm.

Gas power today is way cheaper than horse power and the question of the adaptability of the motorcycle for farm use is worthy of the consideration of every farmer.

HARLEY-DAVIDSON

SOME FARMERS still insist on going to town in the same slow way their fathers, their grandfathers and their great grandfathers went—by team.

To these we say, investigate the claims of the Harley-Davidson Motorcycle. Make us prove them, and if we can't show you not only a saving of time, but an actual saving of money as well as additional pleasures, don't you buy. Do you know a

HARLEY - DAVIDSON

Motorcycle will carry you 10 miles for a cent? (The Harley-Davidson holds the world's record for economy.)

Do you know a Harley-Davidson would last you for years? (The first machines we made nine years ago have run thousands and thousands of miles and are still giving satisfactory service.)

Do you know the Harley-Davidson guarantee is backed by the largest exclusive motorcycle factory in the world?

Do you know it takes over 600 men and a factory complete with the best of machinery to fill the demand?

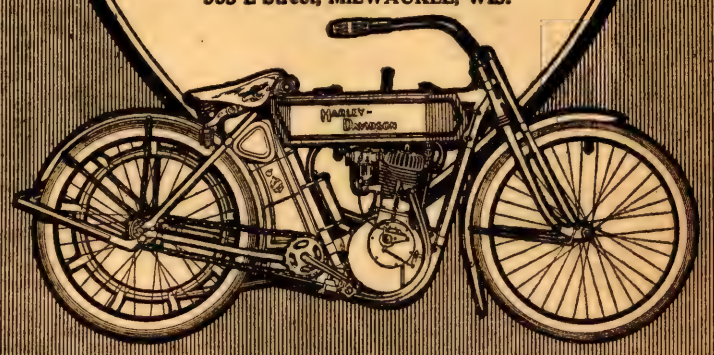
Do you know nearly one-third of all the Motorcycles sold are Harley-Davidsons?

Do you know it is costing you more to be without a motorcycle than to own one, just as it would cost you more to go without your gang plow, your binder or your threshing machine?

Don't you think it "good business" to let us tell you more about the Harley-Davidson?

Write for illustrated booklets. Do it now.

HARLEY-DAVIDSON MOTOR CO.
953 L Street, MILWAUKEE, WIS.



You Can Cure That Lame Horse Under A Bond Guarantee



A LAME horse means money lost. You can neither work him or sell him to advantage. There is no excuse for your having a lame horse about the place for we absolutely guarantee Mack's $1,000 Spavin Remedy to cure spavin and send you a bond to back up the guarantee.

He Asks You To Please Send This

This is a straight-forward business proposition that you cannot overlook if you have a lame horse. Not only for the sake of the horse—but for your pocket-book as well, you should read every word of this advertisement and then send the coupon without the loss of an hour.

Don't let your horse suffer—don't sell him for a few dollars—ask us to tell you how to remove the lameness safely, surely and quickly.

Under $1000 Bond We Guarantee Mack's Remedy to quickly and permanently relieve the worst case of Bone or Bog Spavin, Ringbone, Thoroughpin, Curb, Capped Hock, Shoe Boil, Sprung Knee, Lacerated and Ruptured Tendons, Sweeny and all other forms of lameness affecting a horse. Contains nothing that can injure the horse and heals without leaving scar, blemish or loss of hair. We positively guarantee every bottle of Mack's $1,000 Spavin Remedy; if it fails, you get back every cent you paid for it as stated in our $1,000 Warranty Bond.

Relieves Cases Formerly Considered Incurable

No matter how long your horse has been lame, or what the nature of his lameness, you can absolutely rely upon Mack's $1,000 Spavin Remedy. We know of many cases where owners have paid out big fees and had valuable animals tortured with "firing," "blistering" and other good-for-nothing methods and as a last resort tried Mack's $1,000 Spavin Remedy, and were amazed at the painless, positive, quick and permanent cure.

Nearly Every Mail Brings Us Letters Like the Following:

"The remedy you sent me cured the two horses that the hoof was coming off. The mule's foot was nearly off when I got the medicine, but in five days the mule was able to walk on it. The horses are working every day, and have been since using your remedy the third day. It is the best medicine I ever saw for the foot. Our Vet. said those horses would not be able to work in 12 months, but he sees his mistake now. I recommend your medicine to every one as I know it is all O. K." Yours truly,
Ludowici, Ga., Dec. 7, 1910. J. T. COLLINS.

"I am pleased to tell you that Mack's Thousand Dollar Spavin Remedy has proved far beyond my expectations. My horse had been lame with side bones on each side of foot for about eighteen months, and I had thought of shooting him at different times. I tried to work him but he would go so bad he would hop along on three legs. My neighbor told me he would never be of any use as they had had horses with the same trouble. I tried other remedies without success, but am working him now and he is sound, and have tested him well. I recommend your 'Mack's $1,000 Spavin Remedy' to all." Yours truly,
Summerland, B. C., Dec. 4, 1910. R. H. STEWART.

Your Druggist Will Obtain Mack's $1,000 Spavin Remedy For You

if you ask him. Price $5.00 per bottle. If he refuses, remit $5 to us and we will see that your order is filled without delay.

No matter where, when or from whom you buy Mack's $1,000 Spavin Remedy the price is the same. Every bottle is absolutely guaranteed, and is accompanied by our $1000 Warranty Bond, which insures you that your money will be refunded if the remedy fails to do all we claim for it, as stated in our guaranty.

McKALLOR DRUG COMPANY,
Binghamton, N. Y.

FREE DIAGNOSIS COUPON

A-8



On picture of horse mark with an X just where swelling or lameness occurs, then clip out coupon and mail to us with a letter, telling what caused the lameness, how long horse has been lame, how it effects the animal's gait, age of horse, etc.

We will tell you just what the lameness is, and how to relieve it quickly. Absolutely no charge. Write today.

Free Book "Horse Sense"

Send us the Free Diagnosis Coupon, get absolutely free a copy of our book "Horse Sense." Describes and illustrates disease of horses' limbs, shows correct name for every part of horse and tells valuable facts every horse owner ought to know.

Sow Improved Seed Whe

10, 15 or 20 Bus. per Acre---Many Farme



MICH. — 35 1-2 BU. PER ACRE
I raised 1 acre of Red Wave wheat and it yielded 35 1-2 bushels. Very satisfactory. E. W., Oakland County, Mich.

Red Wave

NEW, SMOOTH HEADED WHEAT

Has Yielded 55 Bushels Per Acre in Field Cultivation and at the Rate of 68 Bushels in Trial Plot

Was your wheat crop satisfactory this year? Did it freeze out badly last winter? Did it recuperate last Spring? Did it lack vigor in growth? Is the yield and quality all you could expect?

One of the most certain varieties of wheat under all conditions is the Red Wave.

Those farmers who have suffered losses through freezing and thawing in winter should sow it. It will survive where nearly every other variety will perish.

DESCRIPTION

Red Wave is a cross between Early Red Clawson and an unnamed cross breed of hardy Russian wheat. The characteristics are fixed and are strong and distinct as any person will note as he sees it grow. The straw is medium to tall, has thick walls, giving strength. The head is smooth, has red chaff. It is thick and closely set with meshes which fill well with medium size, amber grains. The grain is firm, heavy, rich in gluten and desired by millers.

It often has 50 *to over* 100 *stalks with heads from a grain.* Because of its great multiplying propensities, if the wheat comes up poorly, because of drought, or it is thinned out from any other cause, the stalks that are left will stool and repair much of the damage.

We can say that RED WAVE is without a peer for standing droughts and hard winters and repairing damage if any is suffered, in vigorous growth and big yields. It easily yields 10 to 20 BUSHELS PER ACRE MORE than Mediterranean, Poole, Fultz, Rudy and other old favorites which have lost much of their original vigor.

READ THESE LETTERS

From letters we take the following extracts. (We withhold the full address, as to print it would advertise our customers' wheat and leave us without the benefit from our expenditure. All original letters are on file in our office.)

INDIANA—FARMERS COMING TO SEE WHEAT

Red Wave has done remarkably well for us. It started out more vigorously last fall, grew uniform all along the season, withstood the hard winter much better than any others and in the spring stooled better than any other variety. It has longer, better filled heads than any other we have seen. We have grown wheat for many years, but we have never had a variety which has attracted as much attention and elicited as much favorable comment as the Red Wave. Farmers from all sides are coming to see the wheat.—J. B. C. & Son, Decatur Co., Ind.



Section of a field of Red Wave on farm near Indianapolis. The man in the picture is manager of O. K. Seed Store. His height, to the top of his hat is six feet three-quarters inches. This illustration is an exact reproduction from the photograph.

CONNECTICUT—50 BUSHELS OR MORE AN ACRE

Red Wave is by far the finest I ever saw. I have selected heads that measure 5 1-2 to 6 inches long, firm, compact and full of plump grains. The parts of the field where the land is good I estimate will yield 50 bushels or more per acre.—L. S., Hartford Co., Conn.

MISSOURI—HEADS 5 TO 6 INCHES LONG

My Red Wave is one of the best varieties I ever grew compared with other kinds. It is not threshed yet but will make 35 to 40 bushels to the acre. It grows strong in straw, and has long heads. I have heads that measure 5 to 6 inches long.—Wm. H. S., Jefferson Co., Mo.

ILLINOIS—50 1-2 AND 55 BUSHELS PER ACRE

I sowed 30 bushels of Red Wave on 19 acres and threshed 1009 bushels, one-half of the field averaged 50 1-2 bushels and the other half, which I fertilized, averaged 55 bushels per acre. The wheat is the finest I ever raised and tests 62 pounds. Just before cutting many people in the neighborhood called to see it and they all pronounced it the finest field they ever saw. —J. H. C., Morgan Co., Ill.

ILLINOIS—MADE 42 BUSHELS PER ACRE

I like Red Wave wheat fine. The straw is stiff, clean and long. It surprised us by yielding 42 bushels per acre, which is much better than any other wheat I raised. A man from Idaho said it was the finest he ever saw.—J. C. B., Christian Co., Ill.

PENNSYLVANIA—AHEAD OF ALL OTHERS

I sowed Red Wave wheat late but it has excelled everything in this part of the state in hardiness, vigorous growth, strength of straw, length of head and will easily yield one-fourth more than any other sort around here.—Geo. W., Indiana Co., Pa.

INDIANA—RED WAVE 29 1-2 BUSHELS; POOLE 19 1-2 BUSHELS PER ACRE

I sowed the Red Wave wheat, 12 1-2 bushels on 11 1-2 acres, and threshed 29 1-2 bushels per acre, while Poole right beside it, under exactly the same conditions, yielded only 19 1-2 bushels per acre. Red Wave had a larger head, stiffer straw and better in all respects. Also it was perfectly clean wheat. Every farmer who has seen it wants seed.—C. L. G., Knox Co., Ind.

ILLINOIS—31 BUSHELS AGAINST 18 BUSHELS

If I would have sowed all Red Wave wheat last fall I would have had a couple of hundred more bushels of wheat now. The fact is my own seed made 18 bushels per acre, while Red Wave yielded 31 bushels per acre under the same conditions.—L. C. H., Madison Co., Ill.

N. CAROLINA—100 BUSHLS FROM ONE BAG

I bought one bag of Red Wave seed wheat (2 1-2 bushels) and have just threshed 100 bushels of fine wheat from it. It is better than any other wheat I have seen.—J. E.G., Rowan Co., N. C.

OHIO—45 TO 50 BUSHELS PER ACRE

Red Wave Wheat is simply all right. It is not threshed yet, but it is sure to make 45 to 50 bushels per acre. It can't be beat.—W. S., Montgomery Co., O.

Farmers Everywhere are Astoni

New Varieties--Costs Little For

Your Old Wheat Fo

Yes, sir. It can be done.

There's not one good excuse why you should nc get yields like those reported in this advertisemen

What would it be worth to you to raise ten bushel of wheat more per acre than you do now? A twenty acre field would mean **200 bushels more.** What woul 200 bushels be worth? You know it is a sum wort having.

The average yield of wheat per acre for the Unite States has been 12 to 14 bushels for years.

The average yields reported by our customers fo last year were **over 25 bushels per acre.**

Double the average yield for the United States It means thousands of dollars more for our customer

Good, strong, vigorous, heavy yielding varieties c wheat will insure your wheat crop more than an thing else.

Good ground, good fertilizer or cultivation mea little if the seed is not right.

Blood tells every time—in wheat as well as i horses and cattle.

Sow our Grains o'Gold or Red Wave and yo sow the best.

And now you will probably say: "Well, that alright, suppose it does mean 200 bushels or mo increase on a 20-acre field. I can't spare the mone now to buy enough wheat to sow 20 acres and le will not be worth while."

You are wrong!

First: A bag sown now will produce all the way from 50 bushels to 100 bushels next summer This will supply seed for a big acreage and give you some to sell to neighbors at a fancy price.

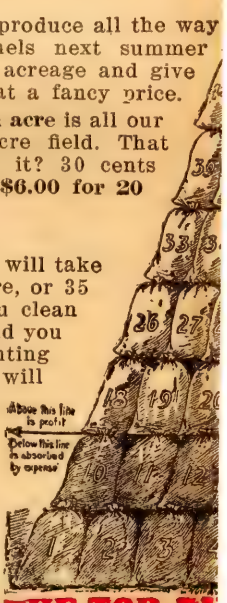
Second: **About 30 cts. extra an acre** is all our wheat costs in sowing a 20-acre field. That doesn't stand in the way, does it? 30 cents an acre; **or a little more than $6.00 for 20 acres.**

Figure it out this way:

If you sow your own wheat it will take 1 3-4 bushels (or more) per acre, or 35 bushels for 20 acres. Until you clean and grade it, your seed will stand you $1.25 a bushel at least, counting shrinkage, labor, etc. The seed will represent $43.75 for 20 acres.

If you buy seed from us, figure this way:

Sow 1 1-4 bushels per acre, 20 acres will require 25 bushels. It will cost $2.00 per bushel or $50 for 20 acres. There will be some



THE TOP BU

Just for the purpose of illustration we will say to raise an acre of wheat. Then the farmer who every bushel he raises above seventeen is profit. STRIVE FOR THE TOP BUSHELS.

Price of Red Wave and

Our supply of wheat is limited. We bel season. This is a condition that suggests p some GRAINS O'GOLD or RED WAVE w what you want. If not convenient to make pay the balance when the wheat arrives. Wheat circular.

PRICE FOR 1911—We will send one pc By freight or express, not prepaid, ¼ bushe 2½ bushels, $5.50; 5 bushels or more at $2.(

O. K. SEED STORI

t and Increase Your Yield

Have More Than Doubled Their Yields

With the Crops From These About 30c More Per Acre Than wenty-Acre Field

ht; but it will not be much. The bags we furnish will help to pay the freight.

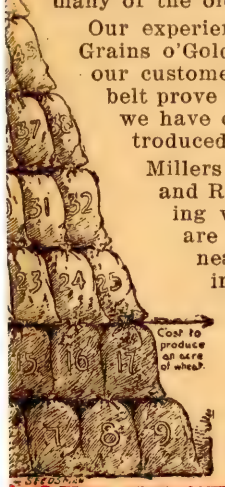
ius you see, the **extra cost** is about **30 cents** acre, for 20 acres to sow our new wheat.

fraction of a bushel extra per acre pays this expense. But **thousands of farmers in the er wheat states increase their yields 5, 10, 15 and ushels** (and even more) **per acre by sowing ns o'Gold or Red Wave.**

e advise sowing a field of one of these grand ts. It pays. Every day farmers come into our or write us and say: "I only wish I had sown **f your wheat.** I would have made **big money** t." They have in mind the **big yields** as well ie extra price received for seed.

, while you will be pleased with the results from or two bags of Red Wave or Grains o'Gold, would, no doubt, be sorry you did not have a field, at least, at harvest time.

ie matter of improved seed is of so much imance that you should not put off getting started our kinds of wheat. Think of this matter usly.



BUSHELS ARE PROFIT

Remember the reports printed in this advertisement are from farmers just like you—men who sow and harvest under average conditions—men who want big crops of wheat.

Ours is the largest seed wheat house in the country. We have named and introduced many of the old favorites.

Our experience with Red Wave and Grains o'Gold and the results obtained by our customers all over the winter wheat belt prove that these are the best wheats we have ever sold. We want them introduced in all sections.

Millers are wild for Grains o'Gold and Red Wave. It is excellent milling wheat, rich in gluten. Yields are large. And it comes pretty near guaranteeing a good crop in any locality where these two grand wheats are sown.

We again advise wheat growers to think over this matter seriously. Just figure it out in dollars and cents.

Note also that we supply bags free. Central location and low freight rates.

ARE PROFIT

ts as much as seventeen bushels will sell for teen bushels to the acre makes no money. But ies of wheat give large yields and big profits.

ins o'Gold Seed Wheat

it will not last through the seed selling ders. If you want to be sure of getting year don't waste any time in engaging ttance send one-fourth with the order and om the advertisement or send for Seed

ail postpaid for 25c, or 4 pounds for 75c. bushel, $1.50; 1 bushel, $2.50; per bag of hel. Bags free.

pt. A., Indianapolis, Ind.

GRAINS O'GOLD WHEAT

A REMARKABLE NEW WHEAT INTRODUCED BY US IN 1909

When introducing this wheat we said: "The *Grains o'Gold* wheat, like other varieties of our introduction, will immediately spring into great popularity."

This prediction has come true to a tremendous degree.

Wherever *Grains o'Gold* has been sowed *it has surprised wheat raisers* by its hardiness, vigorous growth and great yields. Where introduced it takes the place of former old favorites.



DESCRIPTION

The *Grains o'Gold* wheat is an improvement over the Fultzo-Mediterranean. Eight years was given to selecting, breeding and fixing the type.

We can not say too much for its hardiness, vigor, earliness and stooling propensities. The plants are firmly built from the ground up. They withstand ordinary storms, holding the heads up until ripe.

The heads are medium to long and full of amber-color grains. The meshes are almost as close together as in the clubhead varieties, consequently a head has many grains. Chaff is white; head is smooth.

All we aim to do is to *tell the facts* about *Grains o'Gold* wheat. Then, when you have harvested the crop, you can say, *"It is just as recommended."*

We have sold the wheat in every winter wheat state and have good reports from all of them. It is adapted to a wide extent of territory and a great variety of soils.

In the Important Matter of Productiveness

the *Grains o'Gold* wheat *can be depended upon every time.* In good seasons on good ground fifty bushels an acre is not beyond its capacity.

We believe, if all wheat growers knew the real worth of the *Grains o'Gold* wheat, we could not supply the demand for one day.

It pays to change seed. *It pays to experiment and get the best seed.* Buying seed of *Grains o'Gold* wheat will prove as good an investment as a farmer can make.

We never received better reports from any wheat. Read what our customers say.

Send for a bag of *Grains o'Gold* or send for enough to sow a field. *It will pay and pay big* to sow your entire crop of this heavy yielding variety.

When WHEAT WAS WORTH $1.25 to $1.50 a bushel, a small yield made a small profit. But it is different with wheat selling at 75c to 80c. The large yielding kinds, only, give a profit now.

There are many fields where 30 to 40 bushels may as well be raised as 15 to 25 bushels, if the right seed would have been used.

GOOD SEED IS MORE THAN FERTILIZER AND EVERYTHING ELSE. GOOD SEED IS THE BEST KIND OF CROP INSURANCE.



A head of Grains O'Gold Wheat with chaff removed on one side and the grains exposed. This illustration shows the length and breadth of a fair average head, the number of meshes and how located on the head. The illustration is a true copy of the head.

Reports from Satisfied Customers

Read these reports. If you did not get such yields this year you should sow some GRAINS O'GOLD seed. The letters with complete addresses are in our office.

INDIANA— Excels Others

Grains o'Gold stood the winter fully as well or better than others. In strong growth it excels other smooth varieties by 10 per cent., while we estimate the yield will be 20 per cent. greater than any other variety we have. Very truly yours—J. T. H., Shelby County, Ind.

PENN.—Proud of Grains o'Gold

I want to say that the Grains o'Gold wheat you sent me is probably the finest in this county. I am proud of it and everyone who has seee it can not praise it too high. You should have a big demand for seed from here. Grains o'Gold seems to suit our climate and soil perfectly as it did not suffer from the winter and weather as much as other kinds. It will outyield Poole about 10 to 15 bushels per acre.—H. S. R., Somerset Co., Pa.

INDIANA—Great Recuperative Power

From one year's experience with Grains o'Gold wheat we can express great satisfaction with it. The wheat has the greatest recuperative powers after a hard winter of any wheat we know of. It will make a remarkably good yield.—J. B. C. Decatur Co., Ind.

ILLINOIS—A Noble Wheat

Grains o'Gold is a noble wheat. It tops all other wheat around here 12 bushels per acre. It has attracted much attention and there is a big inquiry, "Where can I get it?"—W. B., Sangamon Co., Ill.

KENTUCKY—All You Claimed For It

Grains o'Gold wheat has proven all you claimed for it. I had it sown next to two other kinds, all treated alike, and yours is better and finer in every respect. I have not threshed but it will yield a fine crop. My neighbors are guessing it all the way from 30 to 55 bushels per acre.—Wm. F. R., Christian Co., Ky.

MARYLAND—A Very Fine Wheat

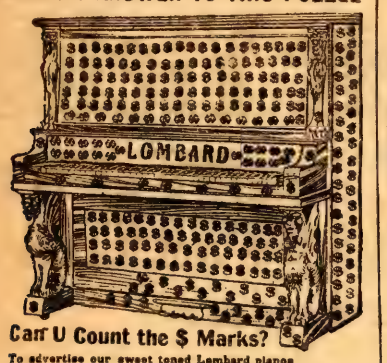
I am very favorably impressed with Grains o'Gold. I feel confident 1 1-4 acres will give me 50 bushels of wheat. It will do better another year. I consider it a very fine wheat.—S. S. T., Frederick Co., Md.

MISSOURI—8 Bushels Better Than Others

The 2 1-2 bushels Grains o'Gold wheat I got of you last fall made over 21 bushels to the bushel sowing (52 1-2 bushels from 2 1-2 bushels). It made about eight bushels more to the bushel sowing than any other sort.—M. D. L. T., Osage County, Mo.

$200.00

PIANO PURCHASE CHECK FREE
FOR CORRECT ANSWER TO THIS PUZZLE



Can U Count the $ Marks?

To advertise our sweet toned Lombard pianos
A $200 PIANO PURCHASE CHECK
will be given any person who sends us the correct number of $ marks. $1 will be deducted from the check for each $ mark wrong in your count. Look close—get them all.

IF YOU WANT A PIANO
Count the $ marks, and earn a Lombard Piano Purchasing Check. If your count earns the $200 Check, by using it you can save $200 on the price of the piano. Balance of price you can pay in cash, or payments if you wish.

GALESBURG PIANO CO.
130 South Cherry St. GALESBURG, ILL.

DON'T PAY TWO PRICES
Save $18.00 to $22.00 on
HOOSIER RANGES AND HEATERS



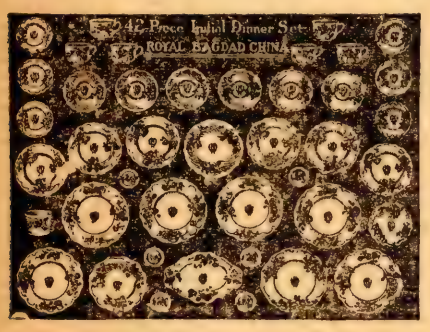
Why not buy the best when you can buy them at such low, unheard-of Factory Prices? THIRTY DAYS FREE TRIAL BEFORE YOU BUY. Our new improvements absolutely surpass anything ever produced. SEND POSTAL TODAY FOR OUR FREE CATALOG AND PRICES.
Hoosier Steel
HOOSIER STOVE FACTORY 161 State St. Marion, Ind.



PARKER'S HAIR BALSAM
Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Cures scalp diseases & hair falling. 50c, and $1.00 at Druggists

PERFECT HAIR If you have lost or are losing your hair, if troubled by dandruff or gray hair, let us send you large illustrated Treatise, FREE. Koskott Laboratory, 1269 Broadway, 434 C, New York, N. Y.

THIS GRAND DINNER SET FREE



I want to place a set of this high class Royal Bagdad china ware in every farm home in the country, and that too, without cost of a single penny to the recipient. This beautiful set comprises 42 pieces made up as follows: 6 cups, 6 saucers, 6 dinner plates, 6 butter dishes, 6 dessert dishes, 6 pie plates, 6 cake plates, 1 salad dish, 1 bread plate, 1 vegetable plate, 1 meat platter and 1 open sugar bowl. It is handsomely decorated in old rose and gold with your initial in gold on the large pieces of the set.

Drop me a card to-day, stating that you want a 42 piece dinner set, that is all you have to do at present. Upon receipt of your card I will send you at once 16 beautiful pictures, size 11 x 14 inches, lithographed in 12 harmonious colors, which I want you to distribute free to 16 of your friends and neighbors, who will give you an order for a years' subscription to my handsome monthly magazine, printed in colors and running monthly from 32 to 68 pages. Every one who sees a copy of this magazine will readily subscribe and especially so if they receive free one of these splendid pictures.

I am offering you an opportunity to get a beautiful set of dishes free, take advantage of it by writing for full particulars to-day. Address

J. R. WOLTZ, Publisher
Dept. E 1322 So. Wabash Ave., Chicago, Ill.

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What do you want to buy? Makes no difference what it is, whether you saw it advertised or not. Write to us and we will tell you where to get it. No charge made. This service is free to subscribers to Up-to-Date Farming.
Enclose 2c stamp for reply.

Information Bureau
UP-TO-DATE FARMING, Indianapolis, Ind.

THE HOME ON THE FARM

DIGNITY OF FARM LIFE

THE life that each day does not make a little better is a failure. The child must grow or something is wrong. And so must the plant even. All life is simply a period of growth and development. When development stops life ceases. And why not Life is no longer useful.

But men and women get their growth. No. They attain their full size, but they do not get their growth. When they do they are ready to pass to another existence.

What we mean is that there is something to learn all the time, and the boy or girl that is willing to go to bed tonight without knowing more than they knew this morning, or without having made progress in some direction, has lost a day. And the boy or girl on the farm is better situated to learn things and make progress than anywhere else. If there is dignity in labor, as the world has long declared, there is more than dignity in farm labor where every stroke is designed to aid nature in bringing something to perfection. How can the mind direct the hand in these efforts to upbuild without catching the inspiration and building up itself? The farmer that revolves on a pivot is a stagnant pool of muddy water, that can not improve in condition except as water from the outside pushes into it and forces it to a better condition. Our appeal to the boys and girls of the farm is not to become stagnant. The top of the agricultural ladder has never yet been reached, and life's brightest spot is still far above us. Think. Act. Do something beyond the dull routine. You may make mistakes sometimes, but you can well afford to if you are moving upward. The knot on the log is the only thing that gets no higher. The world has a very narrow place for the boy or girl that is finished.

THE OUTING AND THE PICNIC

NOBODY enjoys a picnic as the farmer's family does, and we know of no more exhilarating occasion than the gathering of the entire family in the home on the farm to be taken to a chosen place where neighbors are to gather for a day's recreation and enjoyment. These are not serious affairs. The life of them is jollity and fun. "Let joy be unconfined" and amusement rule the day.

These picnics should be more frequent in farming communities. The summer crops are already gathered, and the crops that ripen in autumn are finished so far as human labor is concerned. It is true, there is always work to do, but between the finishing of the cultivated crops and the preparation for the ones to be sown in autumn, take an outing. Take several of them. You need not meet the expense of a trip abroad. Besides, that would be sure to leave some of the folks at home. Nor need you impose yourselves for a day on the hospitality of a neighbor, though neighborly visits are pleasant and proper; but all gather at an appointed place, and have "a good time."

Do not depend too much upon some stated exercises. Have some singing if you wish, and you might even tolerate a jolly speech or two, but depend most on miscellaneous exercises, such as the occasion may call forth. The elderly can well afford to become young again, and the young may feel free to enjoy themselves.

"Children Teething"
Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

THE CARPET ON THE FLOOR

IT IS a fact that the old style carpet is going out of use, and the large rug is taking its place. There is no question but this is a sanitary advancement. The style, especially in the average home on the farm, has been to laboriously and expensively make a carpet by tearing and tacking rags and weaving the strips into a carpet. The floor was then covered with a layer of straw and the new carpet was spread thereon, and drawn and nailed down. How proud young wives have been as they walked over these carpets! Carpets so put down have been allowed to remain for a year or more. In spite of the best housekeeping these carpets will catch and hold dirt, dirt that is infested with germs and bacteria. It is a decidedly advanced step for rugs to take the place of carpets. The rugs have nothing put under them to soften them; they are never tacked down, and may be taken up and dusted at any time, and are easily replaced without any drawing or stretching.

The largest rugs may be thought too small for the average room in the farm home, but rugs are not expected to cover the entire floor. The space between the rug and the wall may be painted or oil polished, or it may be covered loosely with carpet strips that may be taken up and dusted whenever the rug is. Let rugs take the place of the carpets as rapidly as possible.

While on this subject it is not out of place to speak of varnishing or staining the floor. This is not an expensive process, and the material may be obtained almost anywhere that rugs are bought, with full instructions for applying. And it is not necessary that the floors be of hard wood. Even though they may be cracked or rough in places, there are fillers that close up these places, and the finish will hide them. Before beginning the application have the floor perfectly clean and dry. You can choose your own color, light or dark. We think a moderately light color looks best, as a rule, even though the furniture may be dark. A floor thus finished needs nothing around the sides not covered by the rug.

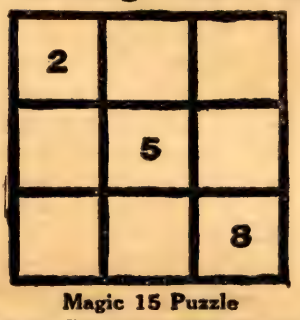
HEALTH IN CITY AND COUNTRY

THERE is a prevalent belief that people who live in the country are more healthy than those who live in the city. This belief is not very well founded, as the report of the Country Life Commission shows. Some diseases are a little more fatal in the city than in the country, but not to the extent that is usually believed. For instance, there is only two-tenths of one per cent. more of typhoid fever in the city than in the country, but there is six-tenths of one per cent. more malaria in the country than in the city. There is a fraction more deaths in the city, but there are five and three-tenths more deaths from measles in the city than in the country. Scarlet fever is considerably worse in the city than in the country, but whopping cough is a little worse in the country. Diphtheria and croup are much more fatal in the city, but influenza is decidedly worse in the country. Epidemic diseases generally are worse in the country, but tuberculosis is far more prevalent and fatal in the city. Cancer is more prevalent in the city, as are also diabetes and meningitis; but general nervous diseases are worse in the country. Diseases of the circulatory system are worse in the city, and so is pneumonia and other respiratory diseases, as well as diarrhea and enteritis. More infants die in the city, and there are more suicides, but there are more fatal accidents in the country.

Macy's New York store was the first Department Store in the world. It is a wonderful store—the greatest in the world in some ways. Over 5,000 employes are in this great retail store. Those buying by mail get the same advantages as buying personally—goods right out of retail stock. This means it is exactly what it is represented to be. Also, if you are not satisfied your money will be cheerfully refunded. Write for famous Macy catalog to R. H. Macy & Co., 702 Macy Bldg., N. Y. City.

FREE

$5000 WORTH OF VALUABLE
Prizes Given
ABSOLUTELY FREE
For Solving This Puzzle



Magic 15 Puzzle

Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

SEND IN YOUR ANSWER. YOU MAY GET THE HIGHEST PRIZE.

Only one answer allowed from the same family. I am offering these prizes in order to introduce and advertise the high-grade Purcell pianos. I will send you the prize you win, with full particulars. Send in your answer at once, on this or a separate sheet of paper, to

I. S. PURCELL
Dept. 71 • 14 Western Avenue, Chicago, Ill.

The Jeffersonian

20 to 24 pages per week, is a National weekly magazine which stands for the modern spirit of free and independent thought in politics and social life. Its articles are peculiarly for the worker, whose daily toil is needlessly hard and unremunerative, because of the iniquitous conditions under which gigantic fortunes have been built at his expense.

TOM WATSON, the old Alliance leader, the man who compelled the railroad companies to adopt safety appliances, and who made Rural Free Delivery possible in this country, is the editor, and never did the farmer and workman have a more capable or a more unselfish adviser. Among the departments are a Woman's Page, Veteran's Corner, Farm Department, Children's Club and the Sunny South Brotherhood.

The JEFFERSONIAN is the *INSURGENT* of the south.

Subscription price: $1.00 for 12 months. 50 cents for six months, 25 cents for 3 months.

JEFFERSONIAN PUB. CO., - Thompson, Ga

BOYS, PRINTING PRESS FREE

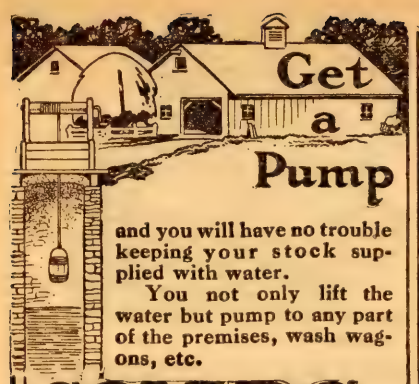
Here is your opportunity, Boys, to get a printing press all your own. This is a real press, with a side lever, self-inking, as shown in illustration. We give complete outfit of metal type, wood furniture, ink roller, ink, gold, silver, bronze, cards, etc. Chase measures 1½x2½ inside.

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Do you want one of these dandy presses, and do real printing? We want to give you one. Costs you no money. Write to us today and say you want the press. By return mail we will explain how you can get it, all for a little favor to us.

UP-TO-DATE FARMING
Indianapolis, Ind.



Get a Pump

and you will have no trouble keeping your stock supplied with water.

You not only lift the water but pump to any part of the premises, wash wagons, etc.

GOULDS RELIABLE PUMPS

are the most dependable, easiest working and largest service pumps you can buy.

Write for our free booklet "*Water Supply for the Home.*" It contains many valuable suggestions on pumps and pumping.

GOULDS MFG. COMPANY
95 W. Fall St. Seneca Falls, N.Y.

ECZEMA
Trial Treatment FREE

To prove what dermol will do for Eczema, Tetter, Salt Rheum, Pimples, Blackheads, Itch and all kinds of itching skin diseases, we will send you a liberal trial treatment that will stop the itching almost instantly and give relief to cases of 20 years standing. Thousands are being cured every day. Read this letter from Mrs. Klahunde, Cass Lake, Minn., which is one of the many received daily: "I thank you many times for the sample box of dermol for Eczema. It cured me, my face is just as white and clean as milk."

If you suffer the agonizing itching of Eczema or any other skin disease—don't delay—write today for the free treatment. You risk nothing.

Lycoming Laboratories, Dept. 13, Williamsport, Pa.

CANCER TREATED successfully without operating. Send today for Free Book. Pay When Cured
DRS. JONES & RINEHART
Suite 32 1724 W. Washington St., Indianapolis, Ind.

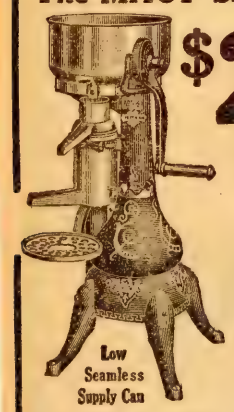
Cancer How to treat cancer or tumor by a new home treatment mailed free to all sending address.
Cedar Hill Sanitarium, 403 Broadway, Lebanon, Ohio.
We refer to any bank or business firm in Lebanon.

FITS I CURED MY DAUGHTER
Doctors gave her up. Will send free. "Give express office." D. Lepso, Island Ave., Milwaukee, Wis.

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST. CHICAGO, ILL.

Tell them you saw the "ad." in Up-to-Date Farming

The MACY SEPARATOR



$20.45 AND UP.

SEND NO MONEY

30 Days Trial

You waste money if you pay a cent more than our price for a Cream Separator. You can't afford to buy from anyone at any price until you have sent a postal card or a letter asking us for our special Cream Separator offer. We save you half of agents' prices—we allow you 30 days trial on your own farm—you needn't send us a cent in advance, if you prefer not to.

THE MACY IS THE BEST AND YOU CAN PROVE IT

We will send you a machine on trial so you can find out how good it is. No Separator costs more to manufacture than the Macy, yet our price is half the price asked by Agents. Easiest cleaned machine because its skimming device is aluminum. Frictionless pivot ball bearings make it easiest running. Guaranteed forever. Five sizes; five popular factory-to-farm prices. **Cut out the middleman's profit**---keep this money in your own pocket. Write to-day for our special introductory offer.

R. H. MACY & CO.
702 Macy Building, • New York

DOCTOR'S BILLS

WE HAVE no grudge against physicians. They are a useful class of people, and yet are sorry when a neighbor must pay a doctor's bill, not so much on account of the expenditure of the money, but because of the suffering and danger, and the worry and grief that precedes and may follow it, as well as the loss of time not only of the sick, but of the well who must care for the sick.

How many farmers avoid the payment of doctors' bills—avoid the necessity for contracting them. Keep well. "An ounce of prevention is worth a pound of cure." Keep the home in a sanitary condition. Be sure, above all things, that the family supply of water is abdundant and pure. Bad or impure water is the most fruitful source of sickness on the farm. Screen the doors and windows of the home so as to keep out flies and mosquitoes. Have plenty of ventilation, especially in the sleeping rooms, but avoid direct drafts. Adapt the surroundings, in the sleeping apartments particularly, to sudden changes of temperature. These come but are seldom looked for in August—hot days and cool nights. These were very marked this summer in some places during portions of July; and they are frequent sources of colds and other ailments, especially in the case of children. Be sure that there are no reservoirs for bad air in any part of the dwelling. These are generally closets, cellars and unused rooms. Keep them ventilated, and frequently air the bedding and clothing.

Be careful of what is eaten, especially of fruits of doubtful ripeness and other "trash," between meals. Even children should be taught to respect their stomachs.

Keep the home surroundings cleaned up. Many diseases lurk about the premises where they are not suspected. If the outbuildings and barns are near the dwelling, it is all the more necessary to watch them. Use lime and other disinfectants freely, and let fire aid in the destruction of filth. Health is priceless, even if we forget the doctors' bills, and to forfeit it by any neglect is bad management.

A HOUSE-CLEANING MELODY

Sing a song of cleaning house,
  Pocket full of nails;
Four and twenty dustpans,
  Scrubbing brooms and pails;
When the door is opened,
  Wife begins to sing:
"Just help me move this bureau here,
  And hang this picture, won't you, dear?
And tack that carpet by the door,
  And stretch this one a little more;
And drive this nail, and screw this screw,
  And here's a job I have for you—
This closet door will never catch,
  I think you'll have to fix the latch;
And, oh, while you're about it, John,
  I wish you'd put the cornice on,
And hang this curtain; when your done
  I'll hand you up the other one;
This box has got to have a hinge
  Before I can put on the fringe;
And won't you mend that broken chair?
  I'd like a hook put in right there.
The bureau drawer must have a knob,
  And here's another little job—
I really hate to ask you, dear,
  But could you fix a bracket here?"

With this and that and those to do,
  Ad infinitum, and more, too,
All in a merry jingle,
  And isn't that enough to make
A man wish he was single (almost)?

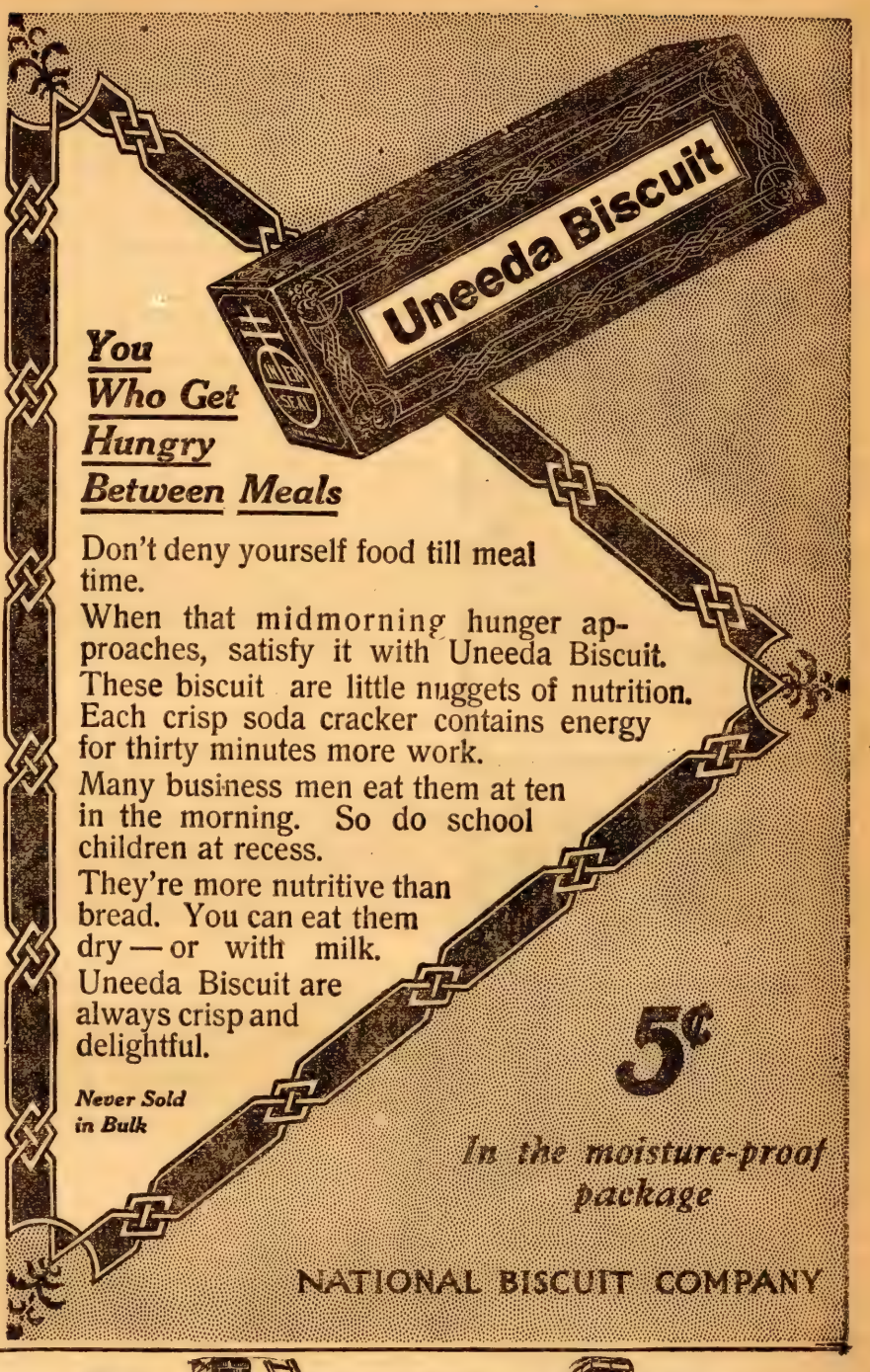
—*Carrie W. Bronson.*

A Sharples Tubular Cream Separator has finished what would be 100 years work in a dairy of 5 to 8 cows. And the total cost of oil and repairs was $1.15. That is a record indeed—a world's record. Send for catalog No. 136, explaining about it. Address Sharples Separator Co., West Chester, Pa.

In summer and winter—especially fall and winter—every farm needs a "Cozy Cab." No rain, sleet, snow, wind and biting cold can reach you in the severest weather. It is a regular buggy, only better. Three simple movements with one hand make it as cozy as a plush lined barrel. Send for 30-day free offer to Fouts & Hunter Carriage Mfg. Co., Dept. D. F. 1., Terre Haute, Ind.

When to Marry

Monday for health,
  Tuesday for wealth,
    Wednesday the best day of all;
Thursday for losses,
  Friday for crosses,
    And Saturday no luck at all.



You Who Get Hungry Between Meals

Don't deny yourself food till meal time.

When that midmorning hunger approaches, satisfy it with Uneeda Biscuit.

These biscuit are little nuggets of nutrition. Each crisp soda cracker contains energy for thirty minutes more work.

Many business men eat them at ten in the morning. So do school children at recess.

They're more nutritive than bread. You can eat them dry—or with milk.

Uneeda Biscuit are always crisp and delightful.

Never Sold in Bulk

5¢

In the moisture-proof package

NATIONAL BISCUIT COMPANY



Rubber Roofing

Warranted For Twenty-Five Years.
FREIGHT PAID To Any Station East of Rocky Mountains, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

ONE-PLY .... Weighs 35 lbs., 108 Square Feet, $1.10 per roll.
TWO-PLY .... Weighs 45 lbs., 108 Square Feet, $1.30 per roll.
THREE-PLY .. Weighs 55 lbs., 108 Square Feet, $1.50 per roll.

TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

Indestructible by Heat, Cold, Sun or Rain.

Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.
CENTURY MANUFACTURING COMPANY, Dept. 630, East St. Louis, Ills.

FIVE FOR ONE DOLLAR

Your subscription or renewal and four friends, who you want to help, all for one dollar. That is, a club of five for only $1.00. This is a bargain that you ought to embrace.

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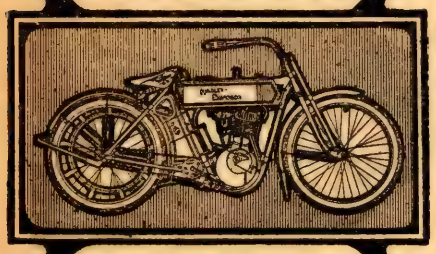
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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

I am glad to have before me our usual number of excellent letters from the young people, to all of whom I would be glad to speak a kindly word. But without taking room to say more this time, I begin with the letters:

DEAR CADETS: As I have been a subscriber for Up-to-Date for two years, I wish now to thank the Cadets for the interesting letters they have written. I am a full fledged farmer, aged 25 years, and weigh 180 pounds. I am trying to farm my 320 acres, and, as I am a single man, I find it very handy to stay with my folks, whose farm joins mine. Our crops look fine (July 9), and if the hot winds do not strike us too early we shall reap a good harvest. I have 11 horses, and I sure will never want any other life than that on the farm. I think this western country life is simply great. And I think Up-to-Date is one of the finest paper any one ever had in his home. I will be pleased to exchange letters or postals with the Cadets. —Franklin Ulshafer, Angie, N. Dakota.

DEAR CADETS: I was 24 years old July 23, and I live with my parents on a farm of 200 acres in the eastern half of Texas. We have over 500 little chickies and 65 cows. I would like to exchange cards or letters with some of the Cadets.—Albert Hafer, Westfield, Texas.

DEAR CADETS: I am a boy 16 years of age, and I have two brothers and one sister. My oldest brother is taking Up-to-Date and we all like it very much. I think when his subscription expires I or my father will subscribe for it. We live on a farm of 167 acres, and our principal crops are clover, hay, oats and corn. We have about 50 head of pure bred and grade Guernsey cattle, of which 23 are now milkers. I like farming, and would like to exchange cards with any of the Cadets; will answer all.—Clarence Brusewitz, Black Creek, Wis.

DEAR CADETS: Will you admit another friendly Ohio boy? I live on a farm and enjoy country life very much. I am 17 years old. We have taken Up-to-Date Farming for several years, and think it a fine paper: I enjoy reading the Cadet page very much. I think if farmers would follow Mr. Everitt's teachings they would be all O. K. I live on a farm of 109 acres, and we have 2 horses, 9 cattle, 6 hogs and over 100 chickens. We are having very dry weather here now (July 24). Corn is needing rain awfully bad. Our main crops are corn, wheat, oats and potatoes, but potatoes are very few this summer. I enjoy bicycle riding very much, and have a wheel of my own. I think fruit of all kinds will be plentiful in this part of the state. Our two nearest railroad stations are Waverly and Piketon, both about 6 miles from us. Most wheat is turning out very poorly this year. I would like to receive post cards or letters from any of the Cadets, and will answer all I receive. —James Pfeifer, Waverly, Ohio.

DEAR CADETS: I am a young farmer, and live on a farm of 320 acres. My mother lives with me. We once lived in Nebraska, and came to this state about a year ago, and we like it fine. This is a farming country. We raise corn, wheat, oats, milo, flax and alfalfa. This is also a good stock country. Good land can be purchased at $8 to $24 an acre. If any of you Cadets wish to buy a home of your own and live in the west, write me. I would be pleased to hear from Nellie Slicer, of Colora, Md. All Cadets write. I will be glad to answer you all; let us get acquainted.—Edwin S. Hawk, Wild Horse, Colorado.

DEAR CADETS: I am a farmer boy 15 years old, and live on a farm of 17 acres in southern Michigan, about 50 miles west of Detroit. The principal crops here are wheat, corn, oats, barley, rye and hay, also quite a lot of fruit and vegetables. Most people in the east speak of Michigan as "away out west," but if they ever get to the west they will be greatly mistaken. The climate here is very agreeable, because it is cool part of the time and warm the other part, though the hot wave of this summer was felt as bad here as any where. I would be pleased to exchange view cards with the Cadets.—Roscoe Parker, Clinton, Mich.

DEAR CADETS: I am a subscriber for Up-to-Date Farming and think it is a fine paper. I like to read the Cadet letters very much, and also the many other good articles that appear in the paper. I am a farmer's daughter, 21 years old, and live on a farm of 170 acres with my father and my grandma. My mother died when I was only 3 years old, leaving myself and a brother younger than I motherless. Papa took us to grandma's, where we have made our home ever since. We raise corn, oats, wheat, rye, timothy and clover hay and our garden vegetables. I love the country where there is plenty of pure, fresh air and woodlands where the birds sing their sweet songs and the pretty wild flowers bloom. I love them all, even the little creatures that live in the woods. To me nature is more beautiful than art. I am a lover of music, although I am not very much of a musician myself. I have an organ, a guitar, a violin and an Edison phonograph for musical instruments. I also have a camera and take a few pictures. I live 7 miles north of my post office, about 22 miles southwest of Carthage, the county in which I live, 16 miles from Hamilton, Ill., and Koekuk, Iowa, where the Hamilton-Koekuk Waterpower Company are constructing a dam across the Mississippi river and about 35 miles from Nauvoo, where the Mormons made their first regular home. I will answer all cards or letters I receive.—Mae Newman, Loraine, Ill.

DEAR CADETS: I am a little girl 13 years old, and live on a small farm near



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We can safely recommend The Pure Food Co. as being a thoroughly reliable and responsible firm.—EDITOR.

Jacksonville, Fla. I have been reading the Cadet letters in Up-to-Date Farming for several months, and I enjoy them so much that I wish to join the Cadets. I will answer all mail I receive.—Verra Braeman, White House, Fla.

DEAR CADETS: My father takes Up-to-Date, and we like it very much. I live on a 90 acre farm. We have 12 cows, 3 calves, 4 horses and a little colt. We raise all kinds of grain. I am 11 years old, and go to school two miles. I would like to exchange cards with the Cadets.—Ida Conrad, Elkhart Lake, Wis.

DEAR CADETS: I am a farmer's daughter, 17 years old, and I have two brothers and a sister who like to work in the fields better than I do. We live on a farm of 129 acres, which is all rich, sandy land, and in summer the sand gets awful hot. We have 2 horses and 2 mules, and 5 calves and 4 cows. We have a 10-acre orchard that bears apples, peaches, plums and pears. Our chief crops are corn, wheat, rye, oats, peas, blue grass, timothy, clover and redtop. I have a piano and have taken quite a number of lessons. I sure love music. I am sending my renewal, for I do not want Up-to-Date to stop. I would like to hear from some of the Cadets, and will answer all letters or cards I receive.—Ruth Wayne, Billett, Ill.

DEAR CADETS: Of late I have become very much interested in Up-to-Date, especially in the department for young folks, whose letters I enjoy very much. My father owns 58 acres of good farming and grazing land, and I stay at home and help him farm most of the time. We have all kinds of fruits. We have sold up to June 30, $20 worth of raspberries, and there is at least $25 worth still on the vines. We live a mile west of Beverly, a small town, but it is the oldest in the county, and perhaps the oldest in the State. It was first named Edmond in honor of Edmond Randolph, but later the name was changed to Beverly in honor of Beverly Randolph. I like to travel. I and my brother, two years younger than I, contemplate a trip to North Carolina and Florida. I certainly do thank Mr. Everitt a thousand times for publishing such a paper as Up-to-Date, and giving us young people the chance he does. I take six different papers, but Up-to-Date is the cream of them all. I will be 20 years old August 15, am nearly 6 feet high and weigh 152 pounds. I would like to get cards or letters from all the jolly Cadets, especially from Edith Phillips, of Pleasant View, Va. Describe yourselves when you write, and I guarantee an answer.—Frank Phillips, Beverly, W. Va.

DEAR CADETS: I am 12 years old, and live on a farm of 320 acres. It is dry here. The grass will die if we don't get rain soon. We put in wheat, but it never came up. We have some garden. We have 82 little chicks, one cow, and 2 horses and 2 colts. The trees are dying now (July 8).—Willie Coleman, Brule, Neb.

Special Letter From New Mexico

DEAR CADETS: I am 22 years of age, and am holding down a claim of 160 acres on the upper plains, or what was known in the past as the Llano Estacado, which is Spanish for Staked Plains. This was when the country was used as a big sheep or cattle country, and the Catholic missionaries passing across the plains from one mission to another, set stakes as guide posts, for there were no roads, trees, houses or fences to guide the traveler. The soil is a rich, sandy loam, and is very productive. Water can be found in places at about 10 feet. Most of the land around here has been homesteaded. I am planting corn, milo maize and melons. The latter grow to perfection. It was expected to plant at least 200 acres to Rocky Ford musk melons, but arrangements for marketing could not be made in time for this year. These melons pay about $200 per acre. A large portion of this district, in what is known as the Shallow Water Belt, will be put under irrigation and planted to sugar beets next year. They bring from $75 to $100 per acre, and it is the intention to build a sugar beet factory in the town. There is some talk of our having another railroad running practically northwest and southeast, and connecting us with the Gulf of Mexico. We have the Sante Fe road now running east and west. There is still a chance to get land in this section on very reasonable terms and at reasonable prices. The winters are mild; we have little or no snow. I was plowing my land in December. The summers are fine, with cool nights—can always sleep under cover. There is no hunting or fishing, and I miss that sport, but I can keep busy at work. I found another young man in town that takes Up-to-Date, and I have a neighbor who did take it, but he is going further west. He recommended the paper and got me to subscribe. I will answer any letters or postals I receive.—Lester Wallace, Melrose, New Mexico.

Another Interesting Special Letter

DEAR CADETS: No doubt many of you remember the West Virginia teacher who, a year ago, started the piano fund for Nellie Tipton, our cripple Cadet and Pioneer of Equity at Maryville, Tenn. Nellie now has $92.75 on this fund. When she has $110 her piano will be shipped. I want every Cadet to get to work and help swell this fund until Nellie can have her cherished life wish, a piano. I make this earnest appeal for dear little Nellie.

I gave up my school in March, and came home to nurse my aged father. He is better now. My health gave way in May, and I went to Memorial Hospital, Richmond, Va. I have just returned, and I have nothing but good words for Memorial Hospital.

We have good crops in this section. The trees are laden with lucious fruits. We have 175 chickens, 4 cows and calves, 6 horses, 60 sheep and 20 hogs. I have 5 sisters and 2 brothers. I shall begin teaching again in September. I am now a Pioneer of Equity and pioneer teacher. I am very fond of reading the Cadet letters, and I think Up-to-Date a grand farm paper. I will always read the letters in the school room, and I wish other teachers would take this up and get the young people interested in our country and its products. I want to thank Mr. Everitt for allowing us a column in his grand paper.—Martha E. Harman, Lashmeet, W. Va.

I must now give the names and addresses of the writers whose letters are crowded out:

Harry McGettigan, O'Fallon, Ill. 19
Fred Pittman, Eldorado, Ill..... 20
George Pettingill, Columbia Cross Roads, Pa. 13
Newell Soots, North Salem, Ind. 17
Frank A. Waddle, Sulphur Springs, Tex.
Mattie Williams, Rosedale, Kans..... 13

That Horse

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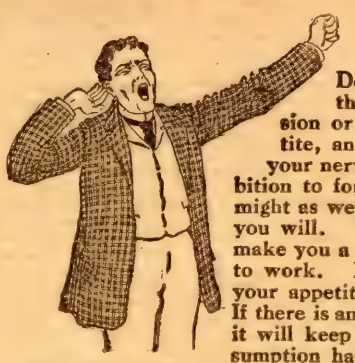
Farmer to Hired Boy—How is it you have no milk? Didn't the cow give anything?

Boy—Yes, sir; she gave about three quarts and a kick.

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Do you feel all tired out? Do you sometimes think you just can't work away at your profession or trade any longer? Do you have a poor appetite, and lay awake at nights unable to sleep? Are your nerves all gone, and your stomach too? Has ambition to forge ahead in the world left you? If so, you might as well put a stop to your misery. You can do it if you will. Dr. Pierce's Golden Medical Discovery will make you a different individual. It will set your lazy liver to work. It will set things right in your stomach, and your appetite will come back. It will purify your blood. If there is any tendency in your family toward consumption, it will keep that dread destroyer away. Even after consumption has almost gained a foothold in the form of a lingering cough, bronchitis, or bleeding at the lungs, it will bring about a cure in 98 per cent. of all cases. It is a remedy prepared by Dr. R. V. Pierce, of Buffalo, N. Y., whose *advice is given free* to all who wish to write him. His great success has come from his wide experience and varied practice.

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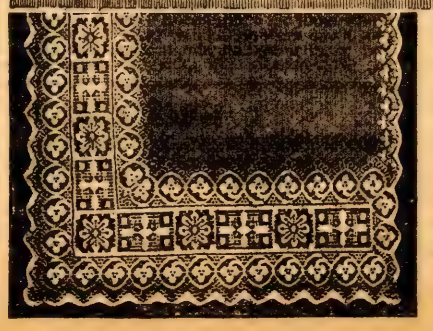
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Send a postcard like the above at once to

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I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

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Don't Wear a Common Truss or Appliance

Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.



APPLEY TRUSS CO.

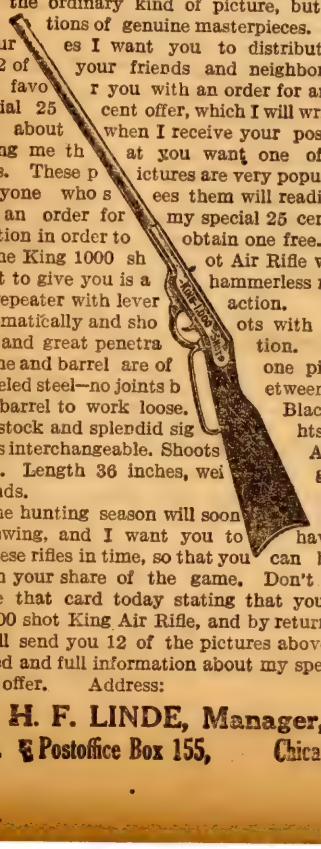
76 Pearl St. Grand Rapids, Michigan

X-RAY KATHODOSCOPE. Latest pocket curiosity Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver Alden & Co., 1033 N. Keys.one, Indianapolis



BOYS, THIS RIFLE IS FREE!

If you want one of these 1000 shot King Air Rifles absolutely free, write me today and I will send you at once, 12 beautiful, size 15 x 18 inches, lithographed art pictures, not the ordinary kind of picture, but reproductions of genuine masterpieces. These pictures I want you to distribute free to 12 of your friends and neighbors who will favor you with an order for an extra special 25 cent offer, which I will write you all about when I receive your post card telling me that you want one of these rifles. These pictures are very popular and everyone who sees them will readily give you an order for my special 25 cent proposition in order to obtain one free.



The King 1000 shot Air Rifle which I want to give you is a hammerless magazine repeater with lever action. Loads automatically and shoots with accuracy and great penetration. The frame and barrel are of one piece of nickeled steel—no joints between frame and barrel to work loose. Black walnut stock and splendid sights. All parts interchangeable. Shoots Air Gun Shot. Length 36 inches, weight 2½ pounds.

The hunting season will soon be in full swing, and I want you to have one of these rifles in time, so that you can bring down your share of the game. Don't delay, write that card today stating that you want a 1000 shot King Air Rifle, and by return mail, I will send you 12 of the pictures above mentioned and full information about my special 25 cent offer. Address:

H. F. LINDE, Manager,

Dept. 5 Postoffice Box 155, Chicago, Ill.

Consumers' Leagues

(Continued From Page One)

he is ready to carry out the suggestion if the people of Washington will show him that they desired such an investigation.

What Is Involved

A man of national reputation referring to this matter as far back as 1909, said: "To increase the cost of living of the average family is not merely a question of a few cents more a day for the necessaries of life, or a few cents a day less for wages. Far more is at stake—the health or sickness of little babies, the education or ignorance of children, the honesty or criminality of men, the working power of bread winners, the integrity of families, the provision for old age—in a word, the welfare and happiness, or the misery and degredation of the plain people are involved in the cost of living."

Mr. Andrew Steffen, of Indianapolis, declared that the high price of food stuff is of concern to employers of labor. Our Indianapolis News commenting on this, said: "There is hardly an interest in the city, no matter how great may seem its separation from the market, that is not affected by the high price of food. We have come to the day when we are bound to recognize the fact that the body, ill nurtured, is ill fortified to withstand temptation, for the mind soon responds to the lower tones of the body. The market problem, of course, seems a formidable one, even to the man who has a comfortable income, but his interest is nothing like so vital as that of those who work for the weekly wage, whose every dollar counts. When we come to this man and his wife and his children we see the sinister side of the combinations and conditions that extract an unfair price for food from him. And it must be confessed that it is in his welfare that we are most concerned. He has been hard pressed; he has been imposed upon. We want relief for him, primarily."

Crops Bountiful But Prices Advanced to Consumers

When nature was generous in giving the most bountiful crops in the history of the country, from 1908 to 1910, inclusive, the prices to the consumers, of the necessaries of life, were constantly rising and the restlessness and fear among the people were increasing. Now, that we have come to a year of short crops the future looks ominous and the mood of the common people is one approaching hopelessness. The people are unanimous in the conviction that there is gross inequality being practiced by somebody and they know that they are the undeserving victims.

And those who read are justified in coming to this conclusion. Otherwise how can food products, meat cut from animals raised in this country and bread made from our grain, sell to the consumers of England at prices far below what our consumers are obliged to pay? This is the assertion of Secretary Wilson, and is further born out by people who have traveled in England. In view of this and other evidences, we are forced to the conclusion that there is a mysterious "something" or "somebody" somewhere in our system of marketing which is responsible for the almost insufferable prices of food, and some other necessary commodities, for every family.

But, when we look for a cause every one denies responsibility. A newspaper very well expressed the condition in a cartoon picturing several men labeled "farmer," "packer," "retailer," etc., pointing at one an other and saying, "you did it." President Taft and many others say it is due to the increased production of gold; many ascribe it to the tariff; President Ripley, of the Santa Fee railroad, blames it to the extravagance of modern woman, and a writer in the New York Journal of Commerce also blames the housewife, saying: "If the women who buy what goes on the table were as careful in looking after grocery bargains as they are in seeking for bargains in ribbons, laces, and such, there would be no complaint against the majority of prices on grocery goods."

Many Reasons Advanced

President Brown, of the New York Central railroad, thinks the cause is in light production. He said: "We must increase production an acre or we must face the relentless certain day when we shall not produce food enough to supply our own necessities." M. M. Marks, President of the National Association of Clothiers, said: "When the supply of commodities is increased so as to keep pace with our demands, or when our demands are restricted to present production, the prices will be reduced." Louis F. Swift, President Swift & Company, believes diversified farming, including the raising of live stock, and the constant vigilance of the farmer to insure the greatest yields rather, perhaps, than the greatest acreage, will make the necessities of life cheaper by lessening the cost of production. John Kirby, Jr., President National Association of Manufacturers, says: "The whole trouble is due to the labor trust." Herbert S. Hadley, Governor of Missouri, thinks a remedy can be found in cultivating all our soil scientifically, thus increasing the production 25 to 50 per cent., and by the enforcing of laws which will prevent combinations and trusts repealing the operation of the law of supply and demand. Professor J. Lawrence Laughlin, University of Chicago, announces several contributing causes, but the most important one he says, is this: "The consumer is at the mercy of the retailing organizations. Retailers in meat, fruit, etc., are organized; large producers and labor forces are organized; but the consumers, unorganized, are at the mercy of all. * * *

There is a big waste of capital and labor in the work of retailing. In the main, the cause of the greatest direct expense to the householder, is in the excessive margins of the retail over the wholesale prices. Wholesale prices have not, on the average, risen seriously, but retail prices have risen in a marked degree. The remedy is obvious—organize everywhere co-operative associations which will buy at wholesale and save the heavy expense of the middlemen. Reduce the tariffs, tame the bad trusts and establish co-operative societies."

Our Products Sell Lower in Europe

Secretary of Agriculture Wilson said in 1910: "I am gathering proof now that will demonstrate that the food products of the American farms are being retailed in foreign countries cheaper than in the United States. This is not due to the excess of production over consumption and the necessity of getting rid of the surplus abroad. It is due to our local combinations and to the exaction of a smaller percentage of profit by retail distributors in foreign countries."

And the Secretary said more recently, July 31, 1911: "One of the most pitable things of modern times is the manner in which the poor of the large cities are being beaten down by the prices which prevail at this time. The prices are such that no man working for ordinary wages can meet them. They are beyond the pocketbook of the poor, and there is nothing that gives the poor any protection from them. This is true in nearly every city. The farmer does not get half the price the consumer pays. The farmer is not benefited by the high prices. The middlemen, who step in between the producer and consumer are the people who reap the benefits."

It might multiply testimony on the causes and remedies but it is not necessary All of these causes and others are contributary. But so far no one has proposed a practical remedy for the trouble, a solution of the problem of the high cost of living—that steady, relentless, ever increasing cost. Is it possible to find and apply a remedy that will work a cure? Or if a complete cure can not be effected promptly, can we start the patient along straight at once what is wrong—what has been growing gradually in recent years until it is the most troublesome sore on the body economic—I feel that it is our duty to diagnose the case correctly and start right. Then we may have confidence in the end.

A Clew to a Remedy

I believe the fact that our farm products sell to the consumers in England and some other foreign countries at lower prices than in this country furnishes a clew to a solution. Secretary Wilson says this is due "to our local combinations and to the exaction of a smaller percentage of profit by retail distributers in foreign countries." Mr. Wilson may not have used the right word when he said "profit." I think Professor Laughlin expressed it better when he said, "There is a great waste of capital and labor in the work of retailing," and "in the main the cause of the greatest direct expense to the householder is in the excessive *margin* of the retail over the wholesale prices." This "margin" may include very little profit, or none at all.

Grocers' and Butchers' Responsibility

The Indiana Retail Merchants Association meeting in Indianapolis, recently through its secretary, Mr. B. B. Clark, said: "The grocers and butchers are not to blame for the high prices of provisions. The question of high cost of living is a big one, but whatever else may be true the butchers and grocers should court the closest investigation. Retail grocers and butchers are not making a big profit. The profit on a pound of butter or a dozen eggs is only a few cents." All of which is probably true. If what Mr. F. C. Snyder, formerly secretary of the Columbus, Ohio, Retail Grocers Association, says that 95 per cent of grocers fail in business, is correct, then they must be absolved from the charge of making big profits.

But how about the *margin* between cost and selling price? An investigation by the Department of Agriculture shows that it costs about sixty cents to pass forty cents

FREE DISHES



WHY BUY DISHES WHEN YOU CAN GET THIS 33-PIECE DINNER SET FREE.

This complete dinner set is yours for a favor—it doesn't cost you a penny. The above picture gives a faint idea of the beautiful old rose and gold design and the size of each piece in this magnificent dinner set which we want to send to you free. As soon as you send in the coupon below we will mail you a large picture of the entire set with each piece in all the pretty colors of red, white, green and gold, showing just exactly how the set will look when you take it out of the box in your own home. In the center of each plate or dish there is a beautiful cluster of bright roses, surrounded by green foliage, all in perfectly natural colors. Around the edge of each piece there is a very heavy and artistic design in gold. The combination of gold, green, white and red, makes the most popular and striking design yet produced in tableware. The ware itself is pure white and dainty enough to delight the most fastidious housekeeper. It is made by the famous Colonial Potteries at East Liverpool—each piece is stamped with their trademark, which insures their superior grade. When you get these dishes on your table you will have something to be proud of indeed. And we don't want you to pay us a cent of your money for them. What we ask you to do is so easy you will never miss the spare time it will take. Don't let this opportunity escape, for no home has enough dishes. It is positively the most liberal dish offer you ever did or ever will see. You can't buy this dinner set—it's not for sale, but I give it to my friends for a little favor on their part.

SEND NO MONEY---JUST THE COUPON BELOW

and we will send you prepaid, 100 Sharp's best needles, sizes 3-9, 1-5, 4, 5 and 6, and 15 darners and bodkins, all fitted in a handy and convenient needle case. The darners are for cotton, wool, lace gloves, carpets, etc. Everyone of these 115 needles is high grade, big eyed, extra quality steel, Dix and Rands brands, made in Austria and Germany. When you receive them show them to your friends and also show them a copy of The Weekly Star Farmer, and ask them for twenty-five cents each in connection with a special offer I will authorize you to make. When you have collected only $4.00 for us in this way the lovely dinner set will be yours. Put your name on the coupon and send it at once. We give two EXTRA PRIZES for promptness—big generous gifts—so hurry. Send no money—just your name.

FREE DINNER SET COUPON

THE WEEKLY STAR FARMER, Dept. 12 St. Louis, Mo.

Please send me the 115 needles and complete outfit for earning the 33-piece Dinner Set, with the understanding that this does not obligate me to pay you one cent.

My name is .....

My address is .....

worth of farm produce down to the consumer. I need not undertake to find how much of this is *profit*. The fact that interests the consumer is that it costs about one and a half times as much to connect him with the farmers' produce as that first individual got for his investment and labor in producing it. Such a condition is not well. Of such a system Secretary Wilson said, in his last annual report: "The distribution of farm products from the farmer to the consumer is elaborately organized, considerably involved and complicated and burdened with costly features."

The Secretary also called attention to the fact that the distribution of farm products directly from the farms to the consumers was already largely accomplished in some European countries where "co-operative organizations of farmers are selling direct to co-operative organizations of consumers in the cities." He also expressed the hope that such an example might prompt the consumers of this country to "inaugurate a movement that would result in doing away with some of the costly features of the present system of distribution."

Consumers May Save 30 Per Cent.

So the clew to the solution of this problem may lead to co-operation by consumers to get rid of part of that 150 per cent. that they pay now on an average to the present system of distribution. If it is reduced to 100 per cent., that is, if only as much is allowed the middlemen for handling, as is given the farmers for producing it will result in a saving of 20 per cent. to the consumers right off. But the reduction ought to be more than that, possibly 25 or 30 per cent. If 30 per cent., the illustration would be like this: When the consumer now pays $1.00, he will then pay 70c, the middleman will get 30 cents and the producer 40 cents.

To get a better understanding of the middle system that has developed in this country let me submit some figures:

On April 1, 1917, there were 1,559,000 names in Bradstreets "Commercial Reports." These were factories, stores, and people in business on their own account. The number did not include agents, brokers, many small shops, stands, dress makers, hair dressers, doctors, lawyers, preachers, teachers, public officers, charitable institutions, etc., all of which must be supported.

Three Families to Serve Eight

Now if to the recorded number we add 25 per cent. estimated for the others, the number will be 2,270,000. Divide this into 20,000,000, the population of the country, and we have one factory, store, shop, professional man or officer for each 10 citizens. Estimating five people to a family, we have one for each eight families. Some of the factories employ thousands of people and many stores hundreds. I believe I may conservatively estimate that the average on above basis is three families to each. Then our system of production and distribution requires three families to serve eight. Of course these are only approximate estimates and each person can do his own figuring. But any way you look at it the showing will be appalling.

Another illustration will bring this matter closer home. In Indianapolis there are about 1,500 grocery stores. The population of the city is 233,000, or counting five to a family, there are 46,600 families. Divide this by 1,500 and we have one grocery store to about thirty families. Now estimate all the separate butcher shops, other stores, stands, agencies, commission men, brokers, etc., etc., and the fact is forced on us that an immense army of parasites have fastened themselves upon the consumers.

It is the maintenance of this army and the rents and taxes and expenses it must pay and the profits it makes that is responsible for the high cost of living. And everything accomplished toward diminishing the number is a real step toward reducing the cost of living.

Co-Operation in Foreign Countries

To get a good understanding of what is being done in foreign countries I quote from that reliable statistical journal, "Bradstreets," of August 5th, 1911. "The Forty-third Annual Co-operative Congress met in Bradford from June 5 to 7, 1911. About 1,200 delegates were present * * * The president, in his address, said that the membership of the movement in the United Kingdom was 2,661,799 at the end of 1910, an increase of 76,506 over 1909. The sales for the same period were $543,017,594, and the profits were $58,518,767. Reports of progress were also made by representatives of the German Co-operative Union and the German Wholesale Society. The German Union of Retail Societies made great progress last year. They enrolled 125,000 new members and on the whole they had 1,200,000 members and upwards of 1,100 Societies. Their total sales amounted to $73,066,000, an increase of $7,973,000. The German Wholesale Society, last year had a total trade of $20,944,000 against $17,850,000 the year before. The Italian Union representing 2,000 co-operative societies, and the Swiss Co-operative Union also reported progress, while the Japanese delegate stated that though the Japanese Societies act came into force only ten years ago, there were already 7,000 societies including 2,000 distributing societies."

Not As Models

I refer to these not as models for our country, but as the reason why the producers' or wholesale prices can be paid for some of the products of our farms, the same transported to remote foreign countries and then be supplied to the consumers at 20 to 50 per cent. less than consumers in this country pay. The question is: Why are the citizens of Indianapolis, situated in the center of the richest and greatest agricultural region on the globe, every acre capable of producing a rich harvest of food products, required to pay 20 to 50 per cent. more for the necessities to support life than foreigners, three thousand miles away, pay for the products from the same fields?

If co-operation by the consumers in those countries accomplish this, as much can be accomplished through co-operation in buying in this country. If co-operative buying is good for the consumers of England, Germany, Italy and Japan, and it is, according to the evidences submitted, then it will be good for the consumers of this country.

We have approached this point very gradually, because I wanted to support every point. I believe it will be admitted now (and remember many great and wise people recommend it), that consumers in the cities in this country ought to co-operate in buying. Then the only other thing that remains to consider is the plan.

Capital Stock Associations Not Recommended

In passing I will say that all of the European societies are capital stock corporations and for profit to the shareholders. They are usually modeled after the Roachdale plan. But I do not recommend the Roachdale plan, or any capital stock plan for Indianapolis or for our country. Here, where the laws are poorly and tardily enforced, and where there is much dishonesty in positions of trust, this plan would not be satisfactory. We need a simple, inexpensive, almost automatic plan. Not a plan to make money for the stockholders, even though they are also the customers, but a plan through which the dividend will be paid, in the lowest price, with every purchase.

The simple, inexpensive plan I recommend to solve this problem for Indianapolis in the broadest sense is this:

The Indianapolis Plan

Let the families of Indianapolis form a Consumers League. Charge a membership fee of 50 cents or $1.00 per family and annual dues of a like small amount. Incorporate. Elect officers and directors. Adopt a constitution and by-laws; in short organize to do business.

The first thing to do will be to district the city. Then ask the store keepers in each district to bid on supplying the league families for the next month, several months, or a year or more. The basis to figure on should be their cost plus a per cent. that they will perform the service for. The lowest bidder to get the contract.

It will be desirable to buy as much as possible from the organized farmers. On what is bought thus from the farmers we can make this illustration of the marketing system: The farmer delivers to the transportation company, the transportation company to the consumers' selected store, and that direct to the family. It will never be possible to simplify the system of distribution down to a finer point than this.

Pending the time when the farmers will be organized to an extent that this system can be completely carried out, the officers of the league should select one or more wholesale stores and commission houses also, and require that all the business of its receiving and distributing stores be given to such selected houses. The selection of these should be made on the competitive plan, the same as the retailers.

About all that will remain then for the league to do will be to check the cost bills monthly and see that the dealer carried out his part of the contract. This may be done by the officers, or by auditors employed for the purpose.

May Be Applied to All Purchases

I will not attempt to say how far this plan may go. I can not see why it can not be applied to all purchases, including coal, clothing, dry goods, furniture, etc. And the league that will reform the System of buying supplies can accomplish many other municipal reforms, industrial, social and political. As an example I will say that it will simplify the method of delivering milk. Instead of the milk wagons criss-crossing the city as in the present method, they should all deliver to a central station, which would deliver to the consumers. The same way for ice. By this plan all commodities will be delivered, unless the purchaser prefers otherwise. Orders can be telephoned in, except in sections of the city where telephones are not universal. Boys will then be employed to call and get the orders.

Cold Storage Made to Help Consumers

And it will be entirely practical for members of the league, for the first time, to protect themselves from the old greed that has taken possession of one of the best of modern discoveries—cold storage—monopolizing it, and converting it into a means to plunder the people through an artificially created shortage. To illustrate: The families can decide, in the harvest time, how many dozens of eggs, how many

(Continued on Page Twenty-one)

To Introduce Our Big New Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.


A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

.....

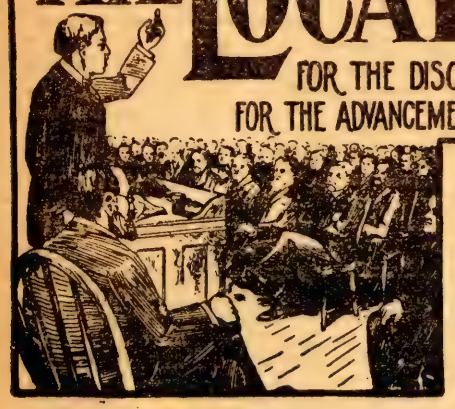
PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

As we came to our office this morning on a street car we saw a new sign that had just been painted on a large billboard. It read:

—o—

Telephone your grocery orders to the New York Store and save the difference."

—o—

The New York Store in Indianapolis is a very large department store. In it can be bought nearly everything that is used in the house and consumed by the family.

—o—

There has been very much complaint in Indianapolis about the high cost of living. It has been the chief topic of newspaper discussion. So it may be considered a shrewd business move for this store to paint its signs throughout the city and invite the people to "telephone their grocery orders and save the difference."

—o—

How much the difference is will depend very largely on the number of families that accept the invitation. Any one will admit that a store supplying a great number of families can sell cheaper than a great number of stores supplying the same families can.

—o—

We will give some figures:

There are 1,500 grocery stores in Indianapolis. Approximately the expense of running them is as follows:

Average rent at $50 month	$ 75,000
Average number of employes, 4; average wages, $60.00 a month, or 6,000 employes at $60.00 month	360,000
Horse keep, taxes, renewals, interest, incidentals, etc., $100 each per month	150,000
Total, per month	$ 585,000
Total for a year	7,020,000

—o—

Approximately this is the price the consumers of Indianapolis pay yearly for the last service in getting just one class of the necessities of life—food. This part is what is taken at just one class of toll gates. It does not include the tolls of the canners, wholesalers, commission houses, jobbers, storers, country buyers and transportation, nor the first cost paid to the producer, or any profit to the retailers.

—o—

Our purpose in making this illustration is to show both producers and consumers why the first often has to take too little and the latter must pay too much.

—o—

If the consumers of Indianapolis will now organize a league and district the city as we recommend and have say twelve large receiving and distributing stations instead of 1,500 retail stores and many commission houses and wholesale stores, and the producers would ship direct to such stations, how much of the $7,020,000 could be saved?

—o—

If we were to venture an estimate we would say that a highly organized system with twelve receiving and distributing stations could save three-fourths of the present expense.

—o—

It is the system that is wrong; it is the system that is responsible for unfair prices to the producers and consumers, so it is the system that must be changed if either end is to get relief.

—o—

We have demonstrated that the producers can control their crops and direct their marketing so as to solve their problem, and they are getting stronger every week. And it is just as practical for the consumers to control the other end of the proposition, that is the business of their buying and the terms of service through their own officers—a committee of their own selecting—as it is for any other people.

—o—

Our farmer readers must not think that we have made Up-to-Date Farming a consumers' paper. The mission of this paper is to establish a superior marketing system. Our hope is to ultimately bring the people on the farms and the people in the cities together and crush out the middle system that impoverishes both ends. Secretary Wilson asked the question: "Why do consumers not buy directly from the farmers?" The reason is plain. Neither class has put itself in a condition yet to do this. But they must do it, and will do it. How soon, they may answer. But one thing is absolutely positive. Until they do they will be losing the major part of $7,000,000 a year on the food supplies for a city like Indianapolis and similarly all over the country.

—o—

Fifty thousand families in Indianapolis paying 50 cents each a year, $25,000, will maintain a Consumers League and save their proportion. One car load of produce shipped through the Equity System will sell for enough more to pay a farmers' membership and dues to the Farmers Society of Equity for many years.

—o—

There never was a better opportunity to revolutionize the system of marketing than now. Whatever way we look at this matter it is the strongest kind of an appeal to the farmers to complete their organization quickly.

—o—

If you want a local union at your place send the application below for a commission to organize it. At the same time you should send $1.00, if not a member, and become a member-at-large, so you will receive the "Directory" of Equity Markets, with full instructions how to market direct, in over one hundred of the largest markets of the country.

APPLICATION BLANK FOR AN ORGANIZER'S COMMISSION

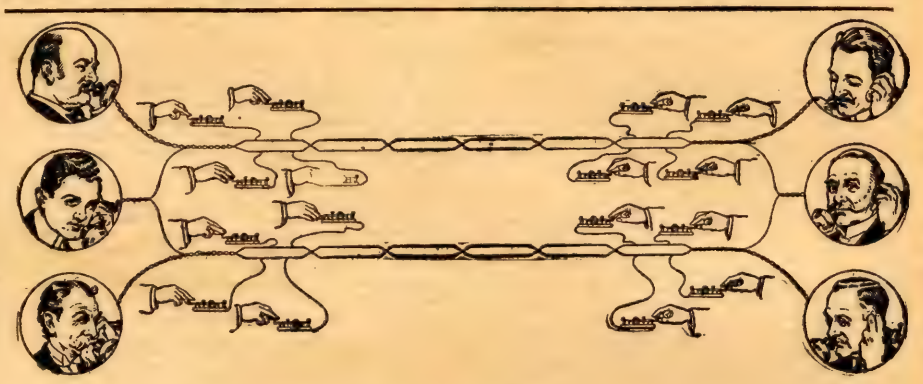
FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

I, ... of .....P. O., R. R.....

County ..... State ..... hereby make application for a commission to organize a local union, or local unions at the following town, towns, of cities ....

My age is ..... My business is.....Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?..... How much time can you give to the work?..... I give as reference:..... .....

Please organize your own community at least.



Double Tracking The Bell Highway

Two of the greatest factors in modern civilization—the telephone and telegraph—now work hand in hand. Heretofore each was a separate and distinct system and transmitted the spoken or written messages of the nation with no little degree of efficiency. Co-operation has greatly increased this efficiency.

The simple diagram above strikingly illustrates one of the mechanical advantages of co-operation. It shows that six persons can now talk over two pairs of wires *at the same time* that eight telegraph operators send eight telegrams *over the same wires.* With such joint use of equipment there is economy; without it, waste.

While there is this joint use of trunk line plant by both companies, the telephone and telegraph services are distinct and different. The telephone system furnishes a circuit and lets you do your own talking. It furnishes a highway of communication. The telegraph company, on the other hand, receives your message and then transmits and delivers it without your further attention.

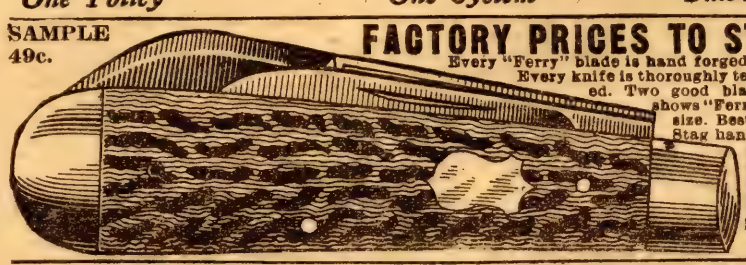
The telegraph excels in carrying the big load of correspondence between distant centers of population; the telephone connects individuals, so that men, women and children can carry on direct conversations.

Already the co-operation of the Western Union and the Bell Systems has resulted in better and more economical public service. Further improvements and economies are expected, until time and distance are annihilated by the universal use of electrical transmission for written or personal communication.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AND ASSOCIATED COMPANIES

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SAMPLE 49c.



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S.E. Ferry, Dept. A Irvington, Ind.

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Wanted—A man or woman to act as ourinfor mation reporter. All or spare time No xperience necessary. $50 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION. 629 Association Building, Indianapolis, Indiana

WHEAT NOW ON A WORLD'S BASIS FOR PRICES

What has President Taft got to say about a report like this:

CHICAGO, Aug. 24.—Largely because buyers were holding off, expecting lower prices to follow the Canadian vote on reciprocity, the wheat market today eased down. Latest figures were ⅜@½c to ½@⅝c under last night.

The wheat market took its cue mainly from northwest messages referring to slackness in demand for flour. *This condition was attributed to delay on the part of purchasers who were said to be influenced by the Canadian political outlook.* In addition a leading crop expert wired that even making allowances for damage the three northwest provinces of Canada will harvest 175,000,000 bushels at the lowest. This optimistic view led to a volume of selling here that more than offset an early advance resulting from Liverpool reports of light offerings by Russia and the Danube as well as by the Argentine Republic. North Dakota dispatches telling of wet weather injury to grain in shock braced up prices for a while, but *news of clear warm skies beyond the international boundary carried down the market further than before.*

Our readers should keep in mind that the President said in the Canadian Reciprocity agreement would not hurt the farmers of this country. Perhaps it is a question what hurts? Does 25 cents a bushel less in the wheat the farmer sells hurt him? The above report is not an isolated one. The reciprocity agreement has been the chief factor in the wheat market ever since it was sprung by the President.

The election to decide whether Canada will accept or reject the agreement will be held September 21st, next.

ANOTHER BENEFIT OF CO-OPERATION

We have referred to hundreds of benefits to the producers that can be gained through organization and co-operation. Another great benefit to both producers and consumers will be a uniformity of grades and packages and offering produce in large enough quantities to interest the markets. A handling company doing a very extensive business says that while in a few cases co-operation has not improved the quality of the goods shipped, in at least 75 per cent. of the cases it has, and with the larger associations it certainly always has. Out of thirty-seven letters received from commission men, at least twenty-six held that co-operation was the best for the growers, and in nearly every case the principal reason given was that they produced a better quality of goods that the trade is glad to pay for.

The benefit from co-operation is not only in obtaining a better quality of goods, but in getting that fact known to the trade so that the association brand on the goods will be known and the grower will thus get all the benefit from the better quality.

The great demand for Virginia Sweet Potatoes since a definite pack has been established has already been cited, and everyone is familiar with the high prices received by the growers from the Hood River and Wenatchee associations in the northwest, due entirely to the well established grade and the fact that a buyer can know exactly what he is buying.

Consumers' Leagues

(Continued from Page Nineteen)

pounds of butter, how many bushels of apples and potatoes, etc., they will want between seasons. The wants can be communicated to the manager of the distributing house, who will put them in storage *at the low harvest prices.* In this way the matter of market service and largely the prices and profits will be controlled by the consumers themselves.

If it has been found to be economical by the consumers of European countries to organize and co-operate in buying, and it has, why will it not be equally advantageous to the consumers of this city?

If the consumers in Europe could get together great capital stock societies and establish their own receiving and distributing stations and take all the mercantile risks, and they unquestionably did and have reaped great benefits through them, then what is to hinder our consumers to organize and co-operate on this simple plan which requires only a few dimes a year from each family to run it, no new establishments, no expensive equipments, no high salaried officers, no mercantile risks, no jealousies and no failure?

Scientific Competition

To the person who believes in competition this plan ought to appeal strongly. It provides for scientific competition. It is the same plan that is followed now by the city of Indianapolis, the State of Indiana, and the United States. When any of these want to buy a season's supply of groceries, grain, coal, or anything else, it asks for bids from those dealing in them and the lowest bidder gets the contract. This is not a new plan, but a new application of an old plan.

And all that I recommend has been recommended by others, but I believe the way to accomplish the results has never been proposed before. Our esteemed citizen, Mr. Andrew Steffen, recently said: "Unless something is done to bring a change in market conditions, I should be in favor of organizing a Consumers League, which would establish a central headquarters or store, where every person holding stock in it could buy his food stuffs at a low cost. This league could buy its produce directly from the farmers and growers and sell it to its members at a profit of 10 per cent., instead of at a profit of 100 per cent., as is now charged on much of the stuff sold on the market. The question of organizing a consumers' league could be taken up at a meeting of the business men. I suggest that the Commercial Club take this matter in hand and call a meeting."

Too Many Hands to Pass Through

The Indianapolis News said: "The marketing machine has become too elaborate. There are too many hands for our food supply to pass through."

Commenting on Secretary Wilson's recommendation that consumers organize to buy co-operatively the News said: "Estimating that one hundred householders live in five or six city blocks, an assessment of 75 cents a week on each, in all probability would pay the weekly rental of the building for the storage of supplies, the salary of a buyer who would need to know something about prices and values and the wages of two or three persons to look after the distributing, from the warehouse. By making a preliminary assessment of $20 on each, $2,000 could be raised. This to be used as capital on which to do business.

But this plan would embrace all the disadvantages and dangers that I seek to avoid, besides it would add one more store to an already over-burdened system.

Power of the Ultimate Consumer

I quote from the News further, as follows: "If the 'ultimate consumers' only knew their power. If they would only organize and mobilize themselves they could reform tariffs, 'bust' trusts, and do many other things, for which they now appeal in vain to congress or some other imagined stronger power. A solid and united public opinion is stronger than any law or administration. If the campaign against high prices teach the people that when united and in earnest they are invincible it will be one of the most valuable movements in history.

I quote further from the last annual report of Secretary Wilson as follows: "Farmers co-operative selling associations are numerous in this country, but buying associations among the people of cities and towns are few, why do consumers not buy directly from the farmers? Aside from buying associations maintained by farmers hardly any co-operation exists in this country. It is apparent that the consumer has much to do to work out his own salvation with regard to the prices he pays.

This, Mr. Mayor, is my recommendation to remedy the high cost of living in Indianapolis and it is equally applicable to every city in the country.

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Warehouse Charges; Who Pays the Bills?

DEAR EDITOR:

A farmer may think if he sells his crop at harvest time, he saves expense of storage and depreciation on crop, but is this true? The average farm crop, let us say, has one month of harvest time and eleven months of storage time. As we must eat every day in the year somebody must bear the expense of storage, and if storing did not pay as well as other business there would be little money invested in it.

As every farmer has a cellar and a barn, is there any reason why he should not use them at a profit like any other invested capital, instead of their being idle and unprofitable most of the year?

Potatoes or hay, well stored, depreciate at least one per cent. a month. Apples depreciate at least five per cent. a month, but ten per cent is nearer.

If the farmers were united strong enough to fix the selling price on their products, they could get a profit on storing. To illustrate: Let us say potatoes depreciate two per cent. a month and that two more per cent. a month should be allowed for storage charges. October is harvest time in Maine. Therefore, the minimum price on potatoes to the farmer in October should be say $1; November $1.04; December, $1.08; January, $1.12; and so on would bring old potatoes in September to $1.42 per barrel.

This method would be entirely fair and some of the results would be to improve farm storage, distribute farmers' sales more evenly through the year, relieve the railroad of harvest-time pressure and tend to decrease freight charges, and the storage charges would be less than consumers are now paying. City storage is always high.

Markets are sure to fluctuate until an absolutely graduated and steady supply of graded goods can be guaranteed each day from the farmer to the consumer.

Potatoes kept at a temperature below sprouting will keep more than a year. Ice in Maine is a sure crop and cheap, and putting a galvanized iron ice box into an farmer's ordinary cellar that will keep the temperature below the sprouting point is much cheaper and easier done than is generally supposed.

A galvanized iron wash tub with a hole in it leading to the cellar drain; will do, if nothing better can be afforded, but it will be necessary to use some salt on the ice in the hottest weather and the celler must be kept dark and closed.

The truth is that when farmers are united to protect and improve their own conditions they can easily double their present profits on the crops they are now producing, and they need not then trouble themselves much about middlemen and middlemen's profits.

The farmers need not hunt the markets or ask some board of trade to fix farm prices higher or fix them at all.

The markets must come to the farmers when they unitedly say the word, in fact, when ten per cent. of them say the word.

The world must have the farmers goods, it can not live a day without them. The farmer's greatest difficulty is his lack of foresight in seeing the importance of uniting to fix prices.—C. S. Griffin, Kingman, Me.

Will Go Twenty-Five Miles

DEAR EDITOR:

I now renew my subscription and send four more. I have not been an idler, I have done much work for our cause in this section and it is bearing fruit. In conversation with some old members recently they said they would go 25 miles to get to a union of the Farmers Society of Equity, so they could work out its plans. We want Michigan to have both the Farmers Society of Equity and the Ladies Society of Equity, and why not an organization of the young people—the Cadets of Equity—all over the state.

Yours for success in the Equity System.—W. H. Snyder, Mason Co., Mich.

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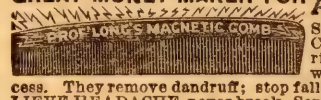
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I. Railway C. I., No. 48 Indianapolis, Ind.



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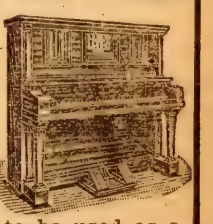
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A REAL BARGAIN; Ideal grass land; 3,492 acres for sale in solid tract, fenced, plenty good fresh fater; two residences; easy terms, $7.50 to $9.50 per acre. Write W. Thorn, Owner, Falfurrias, Texas.

GEORGIA FARMS—$5 to $20 acre. Write LeRoy Hushburg, Buena Vista, Ga.

MICHIGAN FARMS—Buy where prices are right. Catalog and map free. Kouw & Co., Holland, Mich.

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FARM WANTED—We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL YOUR PROPERTY write Northwestern Business Agency, Minneapolis.

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FLOUR AND FEED—Buy your flour and feed in mixed cars. Delivered quotations on request. Consumers Milling Co., Minneapolis.

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FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

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500 MEN 20 to 40 YEARS old wanted at once for Electric Railway Motormen and Conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Box 35, care of Up-to-Date Farming.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L511, Marden Building, Washington, D. C.

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We try to make UP-TO-DATE FARMING the most valuable farm paper in the country to farmers. Thousands tell us we succeed. If you want to help us be sure to mention Up-to-Date Farming when you write an advertiser even tho you see his announcement in another paper, also.

DEAR EDITOR:

I have read "the Third Power" book and pronounce it just what all farmers need to read. In my opinion it fills a want in farm literature and teaching, long felt, but never before supplied. The fulfillment of the third power will bless every American citizen.—L. H. Babcock.

Time to Awaken

MR. EVERITT, Pres. F. S. E.:

To my mind it is high time the American farmer is awakening to a realization of his situation as the sinews and backbone of our land. As such he ought to assert his rights. He can only do this through co-operation such as The Equity System. Great honor is yours for giving us this plan and founding the great organization that will apply it. I congratulate you on the great work you are doing.

And Up-to-Date Farming is serving the most important mission that any farm paper could serve. I once heard a lecturer say there were four essentials of good farming. First, deep plowing; second, a good seed bed; third, good, clean and pure seed, and, fourth, good cultivation. He did not seem to realize that profitable marketing is important. We here have the ———, which is much the same as the Farmers Society of Equity, and we thank God that we have Up-to-Date Farming. I hope the day is near when the farmers of the North and those of the South can clasp hands in a brotherly way and be under one great organization, as their interests are the same.

I will do all I can to get subscribers for our paper.—Attila Striegler, Gillespie Co., Tex.

A Circulating Library of Third Power Books

J. A. EVERITT, Pres. F. S. E.:

I am particularly pleased with the "Third Power" book. I note the wide range and the pungent force of your arguments. It seems to me that you have made it perfectly clear in this work that the organization of the farmers is not only desirable and necessary for their own welfare, but I think you have shown most conclusively that their organization into a co-operative body will, of necessity, be beneficial to all classes of legitimate business, and thus will confer benefits to all the people, financially, socially, morally and politically.

It seems strange to me that our farmers should be so slow to realize these things themselves, and why it requires so much work and labor and energy on the part of those who do see it to arouse their active interests. I believe it would be an excellent thing for all locals of the Farmers Society of Equity and other farmers' organizations to raise a fund and buy a dozen copies of "The Third Power" book to circulate in the community as a means of education for all the farmers.—W. A. Strickland, Eunice, N. Mex.

A new machine is on the market that practically makes a new farm out of old ones and greatly improved farms out of any farm. It is the Spalding Deep Tilling Machine. It brings up the virgin rich earth from deep down below the surface. Don't wear out a few top inches—go deep and raise crops twice your usual average with the use of this machine. Write to the Gale Mfg. Co., Dept S-8, Albion, Mich., for full free particulars. It is worth your while.

A cheap, serviceable and very satisfactory rubber roofing is sold and guaranteed for 2 years by the Century Mfg. Co., Dept. 630, East St. Louis, Ill. Free samples on request. Write them. They pay the freight.

If you want a handsome Blue and Gold set of dinner dishes send for Up-to-Date Farming's great offer. Every lady reader of this paper can get a set free. Page 2.

We Want Agents

UP-TO-DATE FARMING wants a man, woman, boy or girl agent in each community. There is about $50 or more in each community for any person who will go out and pick it up.

We can't tell you our plan in this, but we will tell you in a letter and show you how you can get this money, probably easier than any other money you ever made. Have you a way to use $50, or do you want it to keep?

Write for our plan. We want to put this paper in every farm home. You can not do a better thing for yourself or your community. Boys and girls can do the work and earn the money as well, or better than grownups.

A postal card or letter will bring full particulars by return mail.—**J. A. Everitt, Editor.**

INDIANAPOLIS, INDIANA

National Convention Postponed

NOTICE is hereby given that the 1911 National Convention of the Farmers Society of Equity will be held in Indianapolis beginning Tuesday, December 12, 1911, instead of on the date previously announced, October 23d.

The reason for this postponement is in the fact that several communications have been received to the effect that the latter part of October is such a busy time on the farm that it will be difficult or impossible for many to attend the convention.

Matters of great importance and of vital concern to future agriculture in America will demand the attention of the next national convention. Therefore, it is of the very greatest importance that it be held at a time when the pressing work on the farm will not be in the way of securing a full representation from all the states near and far.

One of the most important duties of the convention, and which might be pleaded against the postponement, is to decide on minimum prices. But the tentative prices now carried in the "Minimum Prices" table appear to give general satisfaction, therefore the little delay in having the convention review them will not be of great consequence.

Remember the new date—Tuesday, December 12, and to continue as long as necessary.

By Order of the Board of Directors.

J. A. EVERITT, President.

I. C. ROUS, Secretary.

LADIES SOCIETY OF EQUITY

President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

PANSY LOCAL MEETING

The members of Pansy local (West Mendon, Mich.) met with Mrs. Bower on August 2nd. Each lady came with a well-filleed basket and a bountiful dinner was served. After dinner some ladies from Parkville joined us and the afternoon was spent in entertaining conversation, reading papers and sewing.

Mrs. Bower, our oldest member, told us many interesting things about "pioneer days." Fifty-five years ago she came to Parkville, Mich., from Northumberland County, Pa. At that time the greatest part of what is now the village was woods. There were about ten families, one church, one saw mill, one grist mill, and a woolen goods factory. The people then lived nearly as one family, worked together and helped each other in sickness or health.

Mrs. Helen Hazzard gave a sketch of her trip to California overland, in 1852. She said she was then a child of nine years. The journey was made on horseback. The immigrant party left Centerville, Mich., the 15th of March, 1852 (sixty years ago). She related many dangerous adventures in crossing rivers, as there were no bridges, as the country west of the Missouri river was an unbroken wilderness, inhabited only by Indians. She mentioned crossing a portion of the great American desert, there being no water, nor vegetation for a distance of fifty miles, and the heat being so intense it was necessary to cross in the night. The road on each side was strewn with the bleached bones of animals that had fallen by the way. It was not unusual to see human bones and very often messages were written on human skulls. In crossihg the Sierra Nevada mountains there was snow, although it was midsummer when the summit was reached. The water from the melting snow ran in opposite directions. There were many wonderful things to be seen and scenery that is beyond description. She arrived in California after a weary march of four months, settled in a mining town of 600 inhabitants, but only three families; the rest were men who were "baching" it and digging their fortunes out of the gold mines.

We are preparing to hold a fair in the near future. We also expect to organize a union at Parkville very soon.—Mrs. Maude Daniels, Mendon, Mich.

IN OLDEN TIMES

Home Talent Plays by Ladies Society of Equity

In the Town Hall, at East Jordan, Mich., on August 23 and 24, was given "The Tom Thumb Wedding," and "Hulda's Paring Bee." with dances, songs, etc., by local talent. The plays were under the able direction of Miss Louisa E. Loveday, and the auspices of the several unions of the Ladies Society of Equity in the neighborhood of East Jordan. The funds resulting from the entertainments will be used for a farmers' rest room in the city.

Both entertainments were notable successes. The various participants performed their parts creditably, reflecting honor on themselves and much credit to Miss Loveday. The attendance was good and the worthy object has received a material boost. And not the least accomplishment is the livelier interest created all through the section in the Farmers Society of Equity and its mate, the Ladies Society of Equity.

We recommend that other locals follow the example set by East Jordan and thus the members will be living up to their legitimate rights to enjoy themselves socially and embracing the opportunity afforded them through organization, and which is one of the objects of the Equity movement.

Our Good Ship Equity

Fannie E. Pool, Hobart, Okla.

Our ship is launched and under way,
And sailing for the sea.
She's manned by tillers of the soil,
And christened Equity.

Brave hearts and hands are at the helm,
Who're battling for the right.
No blood-stained banner decks her prow,
To mar her canvas white.

No boom of cannon greets the ear,
Nor hiss of winged ball,
But peace, good will to all mankind,
And Equity to all.

We long have borne oppression's rule,
And bent beneath her yoke,
But now a wondering world
Proclaims our fetters broke.

We're all embarked on our good ship,
To buffet wind and weather;
We'll crowd her decks and stand by her,
With Equity forever.

SHIP YOUR GRAIN HAY STRAW

VEGETABLES FRUIT, POULTRY, EGGS, BUTTER COTTON, ETC., Direct to

THE EQUITY SYSTEM

In one hundred and two (102) greatest markets of the country, and get more money. If you have anything to sell, or will have, don't fail to send the blank on Page 5 in this issue.

Farmers Society of Equity Indianapolis Indiana

Yes or No

There are only two ways about it--either it will or it won't. We say it will, but we leave it to you to judge. You are the one to say YES or NO. We give it to you to try, without a penny, enough to try for a month, and if you try it and say "No" that ends it. If you say "Yes" it means you have found the thing you have been looking for, the right medicine at last; it means you have found new life, new strength, a new joy in living in a new state of health. We want to send you a dollar box of Bodi-Tone on trial in this way. Isn't it fair? We know how Bodi-Tone makes health in the Body and think your verdict will be "yes." We want it to be "yes," but you are to be the judge. You are the one to say YES or NO. It is all left to you. When you have tried it you will know why we can make such an offer. When it has cured you, you will bless the day you read this advertisement.

Bodi-Tone

does just what its name means—*cures disease by toning all the body*, and we want you to try a box at our risk and see what it will do for *your* body. Bodi-Tone is a small, round tablet, that is taken three times every day. Each box contains seventy-five of these tablets, enough for twenty-five days' use, and we send you the full box without a penny in advance, so that you can try it and learn what it is, so you can learn how it works in the body, how it *cures stubborn diseases* by helping nature to tone every organ of the body. Tone is a little word, but it means a great deal, everything in health. When all the organs are doing their part, when each is acting in a perfectly natural and healthy manner, when the energy, strength and power of resistance to disease are all at a natural point, then the body is in proper tone. When disease has attacked any part, the tone of the entire physical body should be raised to the highest possible point, to make all the body help in the cure. This is the power which underlies all of Bodi-Tone's great work for the sick, this is the power it offers you to help you get new health and strength.

Not a Patent Medicine

Bodi-Tone is not a patent medicine, for its ingredients are not a secret. It contains Iron Phosphate, Gentian, Lithia, Chinese Rhubarb, Peruvian Bark, Nux Vomica, Oregon Grape Root, Cascara, Capsicum, Sarsaparilla and Golden Seal. Such ingredients guarantee its merit.

When you use Bodi-Tone you know just what you are using, know it is good and safe and know you are taking the kind of medicine to provide real help for the body. It is a pure remedy that satisfies the most exacting. It contains no narcotics or habit-forming drugs, nothing that your own family doctor will not endorse and say is a good thing. It does not depend on killing pain with cocaine, opium, morphine, or other dangerous drugs. It does not excite the body with alcohol, but it tones the body and cures its disorders with remedies Nature intended to tone and cure the body when that power was given them. Thus, Iron gives life and energy to the blood, Sarsaparilla drives out its impurities, Phosphate and Nux Vomica create new nerve energy and force, Lithia aids in the Kidneys, Gentian does invaluable work for the Stomach and Digestive forces, Chinese Rhubarb and Oregon Grape Root promote vigorous Liver activity, Peruvian Bark raises the tone of the entire system, Golden Seal soothes the inflamed membrane and checks Catarrhal discharges, Cascara gives the Bowels new life in a natural way, and Capsicum makes all more valuable by bettering their quick absorption into the blood. *A remarkable combination that does wonderful work for health.*

All For Health

Each one of these valuable ingredients in Bodi-Tone adds a needed element from nature to the body. Each has work to do and does it well. They are used because of this ability. We claim no credit for discovering the ingredients in Bodi-Tone, each of which has its own well-deserved place in the medical books of most of the civilized world. We simply claim the credit for the successful formula which we invented, for the way in which these valuable ingredients are combined, for the proportions used, for the curative force which thousands have found in Bodi-Tone, for the cures which make it different from other remedies. Most of these ingredients are as old as civilization itself, for the curative forces Bodi-Tone uses are the forces which have always existed in nature for the restoration of the body's health. Many are regularly prescribed in some form by the medical profession for various diseases and irregular conditions, being used either separately or in combinations with such drugs as each doctor may favor, for there are wide differences of opinion among the doctors of various schools. The *exact combination used in Bodi-Tone* is what gives it the far-reaching and thorough curative and restorative power that makes possible the remarkable cures experienced by Bodi-Tone users, cures which prove the difference between Bodi-Tone and common remedies. That is why we want to send you a box on trial, for we know you will find it different and superior.

You Need It

If you are tired of ceaseless doctor bills and wearied of continual dosing without results, *you need Bodi-Tone right now.* If your local doctor has done you no real good, if you have given him a chance to do what he can and the ordinary medicinal combinations he used have failed, give this modern, scientific combination of special remedies a chance to show and prove what it can do for you. Its greatest triumphs have been among men and women with chronic ailments who had tried physicians and specialists at home and elsewhere without lasting benefit, and for this reason all chronic sufferers are invited to *try it at our risk.*

Bodi-Tone offers its valuable services to you right now, right from this page, if you are sick, if you need medicinal help, if your bodily organs are not acting as they should, if your body is not in right and natural tone. That is what Bodi-Tone is for—to restore health, vigor, vitality and strength by restoring tone to the body.

If there is anything wrong with your Kidneys, Bodi-Tone helps to restore tone to the Kidneys, helps to set them right. If there is anything wrong with your Stomach, Bodi-Tone helps to tone the Stomach, helps to set the wrong right. If there is anything wrong with your Nerves, your Blood, your Liver, your Bowels or your General System, the health-making ingredients in Bodi-Tone go right to work and keep on working day after day, exerting always a definite action that produces curative results of the kind sufferers appreciate. If you have Rheumatism, Bodi-Tone helps to eliminate the Uric Acid from the system while it restores tone to the Kidneys, Stomach and Blood, thereby preventing a continuance of Rheumatic poison and putting new activity into muscles, nerves and joints. Bodi-Tone should be used by all women suffering from any Female Ailment, for its toning properties have been found especially valuable in such ailments. Bodi-Tone should be used by all persons whose bodies are not up to the full maximum of natural vigor, strength and vitality, for its purpose is to restore the body to its highest plane by making health in every bodily function.

We Risk All

Why delay another day, when a trial of this proven medicine is yours for the asking. Why keep on suffering, when by clipping the coupon, filling in your name and address and mailing it to us, you can get a twenty-five days' treatment of this great remedy which has already restored thousands to health, which folks everywhere are talking about. It just costs a stamp and you don't pay a penny unless it benefits you. You take no chances, for the value and curative powers of Bodi-Tone have been amply proven by two years of glorious cures. It has been tested in thousands of cases, covering ailments in both sexes, at all ages.

Persons suffering from Rheumatism, Stomach trouble, Kidney, Liver and Bladder Ailments, Uric Acid Diseases, Female Troubles, Bowel, Blood and Skin Affections, Dropsy, Piles, Catarrh, Anaemia, Sleeplessness, LaGrippe, Pains, General Weakness and Nervous Breakdown, have tested Bodi-Tone and fully proven its great remedial value in such disorders.

Their experiences have proven beyond a shadow of doubt that the Bodi-Tone plan of *toning all the body* is a right plan that helps to *cure* these and other disorders, that it is *a real aid to nature.* Many who have for years been in poor health and have tried most all of the prominent medicines, have written that *one single box of Bodi-Tone* did more good than *all* the others combined. Others who had suffered for many months, and many for years, trying many doctors and specialists, found their first real benefit in Bodi-Tone, after all else had failed and hope was almost gone. It goes to the root in the body and cures because its work is rational and thorough, the only kind that makes cures permanent.

It Does More

Bodi-Tone does more than cure the disturbing disease, as hundreds of its cures have testified. Persons whom it has cured of Kidney trouble find something more than relief from pains in the back. Persons cured of Catarrh find much more than the stopping of Catarrhal annoyances. Men and women cured of Nervousness find other benefits than a mere quieting of the nerves. A change is found in the entire body, a better feeling is experienced throughout the whole system. They find they can eat and sleep better, think better and work better, have more life, spirits and energy, because Bodi-Tone has toned the entire body to make the cure. This applies to all Bodi-Tone cures, no matter what the disease, for the principle is the same in all. Bodi-Tone cures conditions which are totally unlike, all in the same way, for the body in health has but one way to act—*it goes to all the body and makes it well.* It makes up and repays for past sickness with a *strong and virile health* that is often better than the sufferer knew for a long time before sickness began to trouble. Bodi-Tone works what seems a miracle by *putting tone where tone was needed.* Send the coupon today, get a box of Bodi-Tone promptly and try it at once.

A Wreck from Accident and Disease

RICHLAND, N. Y.—Bodi-Tone has helped me more than any or all the medicines I had ever taken before. I had passed through enough to kill a man before I commenced taking it. I had been hit on the head by a falling tree, which left me with such terrible headaches at times that I was almost wild. I went down with a load of wood through a bridge, striking on my head and again injuring it, and causing my back to bother me so I could hardly get around. My back was so weak and lame, and my stomach was strained so I could keep nothing down that I ate. I got all run down and could not sleep nights, and could hardly do my chores or get from the barn back to the house. I had Rheumatism in my knees; one of them was so swollen that I could hardly step up or down on my foot. In fact, I was almost a complete wreck, and wished I could die, I suffered so. My wife read about Bodi-Tone and sent for a box on trial, and I started taking it. I began to get better right away. Now my Rheumatism is all gone, and I can work, eat and sleep, in fact, feel like a new man. Everyone speaks of how much better I look, and Bodi-Tone has done it all. ELBERT STOWELL.



Invalid Without Strength or Energy

DELIGHT, ARK.—My heart's gratitude is due for the benefits I have received from Bodi-Tone. I was an invalid, without strength or energy, when I began to use it; now I am doing my housework and enjoying good health for one of sixty-six years. I was all run down. I had no appetite, did not sleep well at night, and existence was little more than a drag to me. I had taken Rheumatism in my left shoulder and arm, and suffered misery from it. I tried doctors without any improvement, and was almost helpless. When I saw Bodi-Tone advertised in my weekly paper I made up my mind to try it. Before I had used it a full week my general health began to improve. By the time I used two boxes my Rheumatism was all gone. Mrs. S. T. BROCK.



Has No Aches or Pains at 72 Years

MONTEREY, IND.—I want to tell what Bodi-Tone did for me. I am a veteran of the Civil War, and during my service I contracted camp Diarrhoea and Heart Trouble. My Heart was so bad that I could not lie on my left side, and the Diarrhoea acted in extremes; my Bowels were either very costive or very loose. I had given up all hopes of any benefit at my age until I saw the Bodi-Tone advertisement and trial offer and sent for a box on trial. I had not taken more than half of the box when I felt greatly relieved. Soon I could lie on my left side and not feel the effects, and within a short time I had gained ten pounds in weight. This was over a year ago, and now, although I am seventy-two years old, I don't feel much over thirty. I have no aches or pains. I used but three boxes of Bodi-Tone, and it has done so much for me that I lack language to give it proper praise. W. W. DUFF.



COUPON

Clipped from Up-To-Date Farming

Bodi-Tone Company,
Hoyne & North Aves., Chicago, Ill.

I have read your offer of a dollar box of Bodi-Tone on 25 days' trial, and ask you to send me a box by return mail, postpaid. I will give it a fair trial and will send you $1.00 promptly when I am sure it has benefited me. If it does not help me I will not pay one penny and will owe you nothing. Neither I nor any member of my family have ever before used Bodi-Tone.

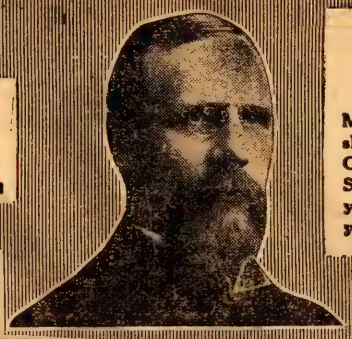
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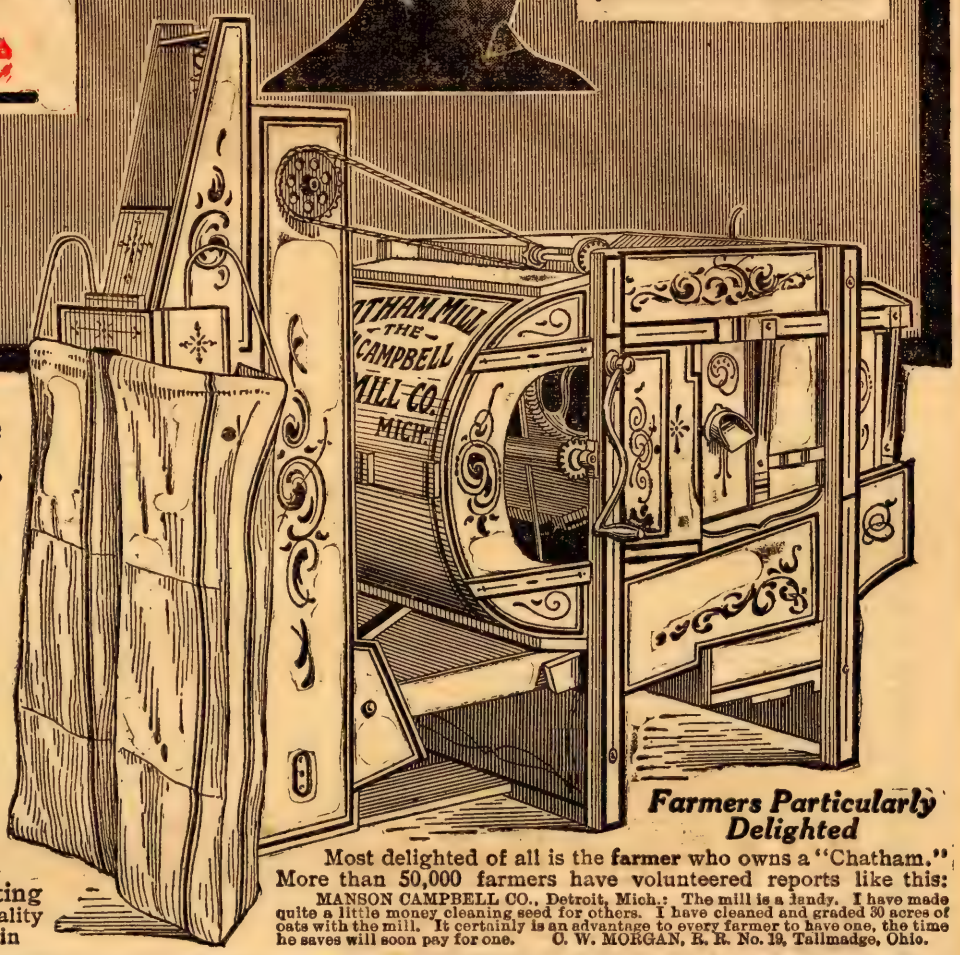
St. or R. F. D.

Greatest Money-Making Farm Machine On Earth



The Man Behind the Chatham

Manson Campbell (picture here shown) is the original maker of Grain Cleaners, Graders and Separators. He has spent 44 years in the business. The mill you see here is his *masterpiece*.



You see here a perfect picture of the greatest farm money-maker in the world.

—a machine that will earn you *dollars* where other machines earn *dimes*.

—a machine that will make you hundreds and perhaps *thousands* of dollars every season.

—a machine that has *doubled* the net crop profits of thousands of farmers.

—a machine which, on farms of 40 to 80 acres, as well as on *big* farms, is a veritable "*money mill.*"

—a machine which costs so little and *pays* for itself so *quickly* that anyone can own one and scarce miss the money.

Over a Quarter Million in Use

Although this Implement has been but little advertised, over **Two Hundred and Fifty Thousand** farmers are quietly getting rich from it. When one man buys one, a dozen to twenty in the same locality are apt to follow. Thus, in some communities you see hundreds, while in other communities you see but few.

Breeds Fat Crops

This Implement—the **Chatham Mill**—is the world's Champion Crop Breeder.

It gives you the very thing you have long wanted and needed **most—clean, fat, healthy seed.** Seed that produce **a strong, healthy, even stand of grain—full heads and ears—prize grains.**

For the owner of a Chatham Mill plants no shrunken seed, no unhealthy seed, no weed seed, no dirt, no chaff or no husk. Just **pure, perfect seed.** And Nature, true to her promise, fills your bins, your cribs, your mows and your granaries with bounteous fine crops.

Crop Brings Fat Prices

Not only at seeding but at **market** time, the Chatham Mill proves your "right hand" man. It grades, separates and cleans so fast and runs so easily that you run your grain through it before selling it. The valuable screenings you keep at home to feed, instead of giving them to the grain buyer.

You've disarmed the elevator man, too! Your **grain is clean and no longer has he any excuse to "dock" you.**

Makes You Independent of Seed Dealers and Elevators

Who wants to be running to a seed dealer every year to buy expensive seed or to haul seed grain to an elevator and get it cleaned there? It's so much trouble and expense that it's no wonder some farmers plant their own seed—dirt, weed seed, sickly seed and all.

Why not have pure seed—all you want—**cheap**—and at the same time be independent of elevators and seed houses—grade, separate and clean your seed at home with your own implement? Breed up your own seed. It's easy, inexpensive and it pays **big.**

Kill Off the Weeds!

Are weeds stealing a lot of your rightful profit every year? Do you realize that you sow millions of these weed seed if you plant ordinary, uncleaned seed? Well, you **do.** But farmers who grade, clean and separate their seed before planting don't plant any weed seed. The way to kill off the weeds is **not to let them get started.**

An "All-Purpose" Machine

The Chatham Mill, at **one operation,** cleans and grades Oats, Wheat, Corn, Barley, Flax, Clover Seed, Timothy Seed, or any **other** kind of seed. It removes all dust, all dirt, all foul seed. It bags all the good, healthy grains and deposits the poor, scrawny, irregular ones by themselves in a box. Moreover, if you have a mixture of grains (say, wheat and wild oats) the Chatham Mill not only cleans and grades but, **at the same time,** it **separates** the two kinds of grain.

This magic machine, handling almost every conceivable kind of grain, with utter precision, works **like lightning.** Cleans, grades and separates as high as 100 bushels per **hour!**

Anybody can adjust it, anybody **can turn** it. It almost runs itself. Yet it has a convenient power attachment for those who have gas engines.

The **Chatham Mill,** in its present form, is the crowning achievement of 44 years, being the evolution of the old-fashioned fanning mill. From season to season its popularity has grown, until today, it requires the output of two immense factories to supply the public demand in the U.S. and Canada.

Officially Endorsed Everywhere

Whererever scientific farming is preached or practiced, you'll see the Chatham Mill. On the great railroad Seed Trains, at State Agricultural Colleges, at State Fairs and on 250,000 Farms you see it. Its power, its capacity, its ease of operation, its simplicity and its ability to **bring bumper crops,** astonish the Agricultural World.

Farmers Particularly Delighted

Most delighted of all is the **farmer** who owns a "Chatham." More than 50,000 farmers have volunteered reports like this:

MANSON CAMPBELL CO., Detroit, Mich.: The mill is a dandy. I have made quite a little money cleaning seed for others. I have cleaned and graded 30 acres of oats with the mill. It certainly is an advantage to every farmer to have one, the time he saves will soon pay for one. O. W. MORGAN, R. R. No. 19, Tallmadge, Ohio.

Chatham Mill

Grain Grader, Cleaner and Separator

Low-Priced! Anybody Can Own One

If you had to pay two to three hundred dollars for a Chatham Mill, you would make big interest on your investment, but it doesn't cost near that much. Doesn't cost near **a hundred, or near half** a hundred dollars. The average cream separator, gasoline engine or manure spreader easily costs double a Chatham Mill. Don't let mere money stand between you and owning this greatest of all money-making farm implements. It costs so **little** and pays for itself so **quickly** nobody should hesitate at the price.

30 Days' Free Trial—No Freight to Pay—No Money Down!

For the benefit of those who have never had a chance to see the magic Chatham Mill **perform,** we have decided to make a free loan of 2,000 Mills. If you wish to try our mill free, please notify us at once. We will pay the freight and you won't be asked to put up a cent or to make any agreement, except to return the mill at the end of 30 days or keep it and pay for it, whichever you choose.

If you don't want the mill, we pay all the freight coming and going. Our friends say this is too liberal and that people will take advantage of us, but in dealing with farmers for nearly 50 years we have learned that 99 out of every 100 are square **if you treat them square. Try a Chathm Mill scot free.**

"The Chatham System of Breeding Big Crops," Free!



Write for this fine, free book. It reveals the famous Chatham System of Breeding Big Crops. It is not a mere catalog that tells about Chatham Mills. It is a large illustrated volume. We spent $5,000 to produce it and have had it copyrighted in the U. S. Patent Office. Send and get **your** Free Copy today. And if you wish to try a Chatham Mill free, let us know at once. Use pencil and postal, letter or coupon below, whichever you find handiest. **Write nearest office.**

Clip Out and Mail NOW!

THE MANSON CAMPBELL COMPANY

Detroit, Mich. Kansas City, Mo. Minneapolis, Minn.

See the Chatham Mill at your dealer's. If he hasn't it and won't get it, tell us and we will see that you are supplied

FREE BOOK

MANSON CAMPBELL, President Manson Campbell Co.
Detroit, Mich. Kansas City, Mo. Minneapolis, Minn.

Address Nearest Office, Dept. P

Please send me your Free Copyrighted Book, "The Chatham System of Breeding Big Crops," and all about the Chatham Mill, its price and how I am to try one if I wish.

Name.....

Postoffice.....

R. F. D. ..... *State*.....

DEALERS! **There are still a few localities in which we have no retail representatives where we will be pleased to make you a good proposition on one of the fastest-selling farm machines in the world. Territory going fast. WRITE US TODAY!** (4)

Pass This Paper to Your Neighbor---Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

OFFICIAL PAPER OF THE FARMERS SOCIETY OF EQUITY

Volume XIV | SEPTEMBER 15, 1911 | Number 18

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Up-to-Date Farming

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JOHN P. STELLE...Associate Editor

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RATES will be quoted on application. Only reliable advertisers are admitted to our columns, and we guarantee that they will deal honestly with subscribers. Should they not, we will make good any loss to paid-in-advance subscribers. It is understood that this guarantee is not binding on the publisher unless UP-TO-DATE FARMING is mentioned when you write and you report any dissatisfaction within a month of the date of the paper.

Committee Recommends Consumers' Leagues

From the final report of the Indianapolis committee on the high cost of living we quote the following:

The great bane of the present system of marketing to consumers is in the great number of people operating it. Is it therefore worth while to look elsewhere than to the system for the cause of the "high cost of living"? Any plan, to remedy the trouble that falls short of straightening the road from the farm to the table and of freeing it from the present toll gates will be inadequate to solve the problem.

It is a problem that deserves the most serious consideration of all the people. We claim experiments should be made and plans tried until a practical and successful one is found. We therefore recommend that Consumers' Leagues be organized for the purpose of dealing with and buying direct from the producer all articles of food necessary for the table. The producers are as anxious to deal direct with the consumers as the consumers are to deal direct with the producers. Neither one wants to deal with the middlemen. This is the solution of the difficulty, and when put into effect the "high cost of living" will be a thing of the past.

It has been officially stated by the Department of Agriculture that it costs 60 cents to deliver 40 cents worth of farm products to the consumer, or, in other words, when the consumer pays one dollar the present marketing system takes 60 cents and the farmer gets 40 cents. We believe by the proposed new system, 40 cents worth of farm products can be marketed, including transportation, for less than 25 cents. If it can be done for that amount, then it will cost the consumer 65 cents, a saving of 35 per cent. over the old way.

The plan for Consumers' Leagues was printed in September first number of this paper. Copies can be obtained at 5c each, ten for 25c, postpaid.

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

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UP-TO-DATE FARMING
INDIANAPOLIS - - - INDIANA

Three Grand Prizes Given Every Reader

For Distributing Postcards on My New Plan



I want to give every person who reads this advertisement an **Elegant Breakfast-Set, a Beautiful Japanese Rug, and a Pair of Handsome Lace Curtains.** Remember, every person who accepts my offer will receive all three of these serviceable premiums, and they do not cost you a cent. Never before was a plan devised that was as liberal as mine, and never before were such valuable prizes given away.

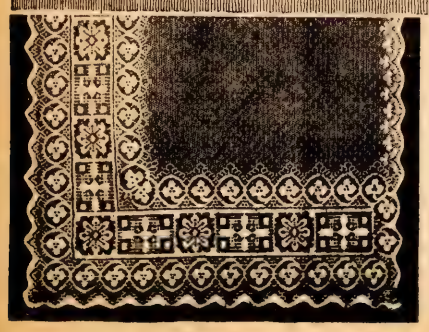
HERE THEY ARE

First: and most important—there is a full-size Breakfast-Set. It is made from clays imported from Europe, which makes it about equal to the finest imported ware. Each piece is first-grade—no seconds—and of full size. The beautiful and elegant design is shown up to the very best advantage by the rich coin gold decoration. This set was designed for those people who desire something out of the ordinary and distinctly different from regular goods. There are 31 pieces in the set, enough to set the table for six. The manufacturers guarantee the quality, workmanship, and genuine gold decoration.



Second: there is the bright, cheerful, serviceable Japanese Rug. It is 30 x 60 inches in size, woven from a fine quality of yarn with both ends fringed. The colors are permanent and the rug will wear in a manner perfectly satisfactory to the most exacting housekeeper.

Third: there is a pair of full-size, 40 inches wide and 90 inches long, Lace Curtains. In service, durability, quality, style and finish, these fine Nottingham-Lace Curtains are sure to delight every person who receives them. No room is now considered furnished in good taste without pretty, white lace curtains.



Don't forget that I give you all three of these articles FREE. Furthermore, I guarantee that each one is just as represented, and guarantee them to reach you in perfect condition. Any one, or all of them would make an elegant gift that will gladden the heart of a mother, wife, sweetheart, or sister.

READ HOW I CAN GIVE THESE PRIZES AWAY

I am a special distributing agent and have a grand Introductory Offer that I want you to explain to your neighbors and friends. I want you to give away a big package of beautiful postcards in connection with my great 25-cent Introductory Offer. Just send me your name and address on a postcard and I will send you 16 big packages—no small lots of cheap cards, but 16 Big Packages of Handsome Embossed Postcards. I trust you with the cards and send them prepaid. Just as soon as you distribute the 16 packages on my easy plan and send me the money I will send you the Breakfast-Set, Rug, and Lace Curtains. If for any reason you can not distribute all the 16 packages I will see that you get one prize anyway.

Send No Money and Don't Write a Letter Just send us a postcard, like the following, with your name and address. You will be under no obligation, and if you do not care to distribute the cards you can return them at my expense.

Mr. O. W. Western, Box 375P, Augusta, Maine.

"Send me, postpaid, your 16 big packages of embossed postcards to distribute on your grand 25-cent Introductory Offer. When I have distributed them, and have sent you the money, you will send me the Breakfast-Set, Rug, and Lace Curtains, all Free. I can return the cards at your expense if I do not care to distribute them." Send a postcard like the above at once to

O. W. Western, Distributing Agent, Box 375 U Augusta, Maine

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ABSOLUTELY FREE For Solving This Puzzle

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Directions. Take any number from 1 to 9 inclusive and arrange them in the squares so that when added together vertically, horizontally and diagonally the total will make 15. No number can be used more than twice.

Every one sending an answer to this puzzle will get a prize. The prizes range in value to piano buyers from $50 to $175; the nearer correct the answer the more valuable the prize.

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EDITORIAL

On the Farms or in the Cities

STRANGE as it may be, some of our statesmen and public speakers and writers seem to think that farmers are too prosperous in this country; that the tillers of the soil are having too easy a time, and that agriculture, while it is well to boost its productive ability, its wealth getting powers should be restrained. To settle this question it is necessary to go among the farmers themselves. Are they satisfied? How do they live? What privileges have they for restful recreation and travel? Are they so contented with their opportunities and prosperity that they stay on the farms, and do their children become farmers as they grow up?

Fortunately, we have the answer to nearly all these questions in the recently completed census. In 1910 there dwelt in cities and towns of 2,500 inhabitants or more 46.3 per cent. of the population, as against 40.5 per cent in 1900 and 36.1 per cent. in 1890. This shows that the rural part of our population, and they were not all farmers as the people in all towns of less than 2,500 inhabitants were included, was 63.9 per cent. in 1890, 59.5 per cent. in 1900, and only 53.7 per cent. in 1910. This constant reduction could not have taken place had the farmers been prosperous and satisfied with their condition and surroundings. In the great farming States of Ohio, Indiana, Illinois, Iowa and Missouri, the cities grew in population, but the country population, including the farmers, of course, actually declined in number, and in fifteen other States the rate of increase of this class of their population was less than 10 per cent. In only two States of the Union, Wyoming and Montana, was the increase of country people, farmers, greater than of city people. It is true the census shows that the value of far property and products has increased, but this, in the opinion of the farmers themselves, has not made up to them the economic disadvantages under which they labor, hence their rapid removal to the towns and cities.

The secret of this is disclosed by an investigation made by the agricultural experiment station of Cornell University. The investigation covered four whole townships in Tompkins county, New York, one of the best farming regions in the country; and there it was discovered that, after deducting 5 per cent. for interest on the capital invested, the average return of all the farmers operating their own farms, in payment for their own labor and their skill in directing and management, was $423 a year, and that of tenant farmers was $379 a year. Farmers whose capital investment was $2,000 or less received for their compensation only $192. Speaking of this showing, a writer on this subject declares that even these figures do not show how bad the case really was, for it appears that of all these men operating their own farms about one-third received for their labor and superintendence less than the wages of hired men; one-third about the same as hired men, and about a third received more than hired men. The editor of the Market World and Chronicle, discussing this subject, says:

"The average man among these farmers would have done much better, as a matter of well-being, to put his capital in a savings bank and to get a job as a trolley car conductor or as a laborer in any of the more skilled trades in a city. The most intelligent and successful among them would have been infinitely better off to have their capital of $10,000, $15,000 or $20,000 invested in almost any business in the city where the same degree of superintending ability would certainly have obtained a far higher compensation as well as a better rate of interest on the money. Such are the hard facts about farming in this country at present."

It is not our purpose to discourage farmers, but rather to stimulate them to action. We have no hope of changing the attitude of those who appear never content except when throwing additional obstacles in the farmers' way. But the farmers themselves have a remedy if they had the courage to apply it. In the first place, they have the ballot. It is their own, and they have a right to cast it as they please. Party name or party prejudice should never deter them from rejecting those who have clearly forfeited their support.

In the second place, farming is the source of the world's supply of food and life's greatest necessities. Were farmers to organize as those of other callings do, they could at once become masters of the situation, and without harming anyone, or making life harder for any other calling, take their proper place in the business world, then retain their population, and the cities could be fed much cheaper than at present.

A Serious Matter, If True

THE following quotation is from the Nashville Tennessean, and appears over the signature of Mr. A. C. Dale, of East Nashville:

"It is claimed by the Agricultural Department at Washington that the production of the farms of the United States in 1908 was nearly $8,000,000,000. These figures have attracted the eyes of the world, yet they have failed to satisfy the greed of the combines, trusts and corporations that are robbing the American farmers. With this enormous production of the farms it is hard for us to believe our own history. In 1860 the farmers owned 60 per cent. of the wealth of our government; today they own less than 16 per cent. One-half of them are living on mortgaged or rented farm. Thousands of the farmers of Tennessee are in this list. For the last forty years farmers have been taking lessons in a dear school. They have been the burden bearers of the world. The results of the war were thrown on their shoulders. The mistakes of our Government have been corrected through their suffering. They have been led by political tricksters until they have become slaves to the corporate bodies of our country.

"You can see it is not an education we need; it is justice. There will have to be changes made in our Government before the country boy will take much interest in an agricultural education. They are not to blame. They see the injustice. The boy that becomes a farmer becomes a commercial slave.

"There are about seven millions of farmers in the United States, and they are virtually without representation in the lawmaking bodies of the Government. We have 400 Congressmen, and not a farmer among them. The State of Tennessee is 115 years old and has had from six to ten Congressmen for the last fifty years. Will some man who is interested in the farmer boys give me the name of the farmer that has represented Tennessee in the Congress of the United States?

"There has been much comment on the high price of living in connection with the drift of the rural population to the towns. Without changes in Government these conditions will increase."

That is strong language, and we admit that we admire boldness of speech. But the question for the American people is as to the truth of the allegations in the above quotation. At all events, we may ask some questions and try to find honest and true answers to them. Who creates the wealth enjoyed by the people of the United States? The farmers, tillers of the soil, are the only creators of wealth. Others may discover wealth and bring it into use (miners); others may add to wealth already created (manufacturers), and others may accumulate wealth, but agriculture alone creates it. Who supports the people of the United States; that is, who feeds and clothes them? From the farms comes every article of food except what comes from the water or what may be found wild in the forest, and every article of civilized clothing is made from raw material that comes from the farms. Who owns the wealth of the United States, and are the farmers gaining or losing what they once owned? Fifty years ago the farmers owned 60 per cent., 10 per cent. more than half, of the nation's wealth; to-day they own less than 16 per cent. of that wealth, which is less than one-sixth of it. At the same rate of decrease it will require but few years to make our farmers what the farmers of the ancient nations were—serfs and dependents of those who accumulate but do not create the wealth.

Do not say we are writing absurdities when applied to a civilized people like we are. Note once more how far down the scale farming has gone during the last fifty years. The same influences prevail now that have prevailed during that period; and even worse, for within the present year a President of the United States, by the power of his great office coerced a cowering Congress to take from the farmers every legal protection the government had ever accorded them, and by three separate vetoes forbade that same Congress from removing any part of a similar protection accorded to other classes, thus compelling farmers to bear all their accustomed burdens, at the same time taking from them everything that in the past had helped them to do it!

Whether we are able to say the above quotation is true or not, the situation is decidedly serious. While the farmers have lost so much in the percentage of the nation's wealth, they have not lost it for lack of production. The above figures of eight billion dollars tell a story of increased production unparalleled in the world's history. During the fifty years the farmers lost such a percentage of national wealth they have constantly increased the amount of wealth they have created, until the world stands in wonder and amazement at what our farmers have achieved and are achieving.

What of the future? We have already said it. The powers of absorption are greatly increased and the ability to retain are taken from agriculture. Organization and concentration have done it. The only remedy farmers have is to save themselves by the same means. They have the numbers and they may exercise the power; but they must do it as MEN. The days of childhood and trifling are past.

Who Gets the Benefit?

ONE of our prominent daily papers, discussing the unprecedented shortage shown by the crop report, says:

"Of course, it is an ill wind that does not blow some one good, and the speculators who have accumulated great stocks of grain will, in truth, reap a golden harvest. But all such gain means nothing in the way of joy to the unhappy consumer. The flour bin must be kept filled, and the speculators' price will have to be paid, no matter how high."

Yes, under the present system of marketing, the speculator is the one that gets the benefit. Even public calamities are turned to his advantage. With his hoards of stored products he commands the situation, and though current crops may be short he has the supply safe in his storage rooms and elevators. The scarcity on the farms may make farm prices higher, but the farmer cannot gain thereby because he has little to sell. Not so the speculator. When crops were abundant and prices were low he laid up his stores, and now greed alone limits the price to consumers.

But a fact so generally ignored remains. When the farmers fail in their income others suffer in the same way. The paper from which we make the above quotation has this also:

"The shortage of crops will, of course, prove a disappointment to farmers, some of whom will have to forego purchases that have been contemplated, and perhaps the reduced demand for commodities may reflect itself in lessened employment in the factories and mills."

In other words, if farmers cannot sell they cannot buy, and any decrease in buying by the farmers diminishes the demand for manufactured goods. This reaches to the mills, the shops and the mines, as well as to the railroads and the boats, and it affects injuriously every worker for wages.

If there should be a hunger-producing scarcity, of which there is no danger in this country, the vast quantities in storage would be a blessing. The thing to dread is human greed—the greed made price. The questions is how to secure and maintain an equitable price. Study direct marketing and farm storage, and organize to secure it.

The Fun of Victory

Contributed by Taylor Bros. of West Virginia.

There's a heap of satisfaction
In a trouble if you grin,
If you keep your nerve in action
And you wear a lifted chin.
There's a joy in doing something
That you've never done before,
So don't be a deaf and dumb thing,
Chance is knocking at your door.

Down and out? There's fun in rising,
Fun in facing heavy odds,
Doing deeds that are surprising,
And the happy fellow plods.
Plods along and hums a ditty
As he journeys down the street
Of the busy gold-mad city,
Till he's back upon his feet.

It's in overcoming trouble
That a fellow gets his fun;
It's in shattering the bubble
That is labeled "can't be done,"
It's in striving night and day time
When the problem hopeless seems,
Man appreciates his play time
When he's realized his dreams.

To Read and Consider

A POSTAL card received by the press, and evidently sent out by Chicago stockyard interests, has the following to say:

A remarkable cattle situation exists in the United States. Until recently all markets were full of fat cattle. Now the supply situation shows a radical change. Ohio, Pennsylvania and Kentucky have marketed their crops of fat cattle, and eastern points are not getting enough good cattle to supply their local needs.

The character of receipts at Missouri river points shows the western supply of fat cattle has been cleaned up, which leaves Chicago about the only place on the market map of the United States where buyers can get adequate selection, and that is likely to be the case for a long time to come.

The present situation had its origin in the drought conditions of last summer, which forced all the regions west and southwest of the Missouri river to prematurely market young and growing stock, which was largely absorbed by Illinois and surrounding states. Then followed a magnificent corn crop and a splendid winter feeding season, resulting in abundance of fat cattle.

The supply is lasting much longer in the territory directly tributary to Chicago than either east or west, simply because conditions for a year past have favored an abundance of good cattle in this territory, and will make Chicago from now on until the next crop is fed the chief and almost only supply point for fat cattle.

Domestic demand for beef is increasing and there will be a strong and constant demand for beef of good quality.

Adequate rains during the remainder of the season and another good corn crop will reveal the shortage of growing cattle in the country more sharply than at any time for twenty years, and prices for both young and fat cattle must almost certainly advance materially in the near future."

That may be true or it may not be true, but it affords food for thought to stockmen and farmers. It demonstrates as few arguments could the necessity for real information. As it is, one side of the market sends out depressing stories and the other side sends out stories just the reverse. One side would boost prices and the other would pull them down. Between the two the farmer and stockman is always in a quandary. He does not know what to look for nor what to depend on. True information is necessary to the management of any business, and the only reason why the business of farming is such a drag and so doubtful in its results is that the farmer can not rely on the market information he gets. If farmers, as a class, knew what supply would be adequate to the demands from time to time, or from season to season, and were so organized that they could act together or co-operate in supplying that demand, not once for all as by the dumping system, but to fully supply it as the demand developed, farming would be as definite in results as any other business. And this condition, apparently so remote from the ordinary farmer's vision, is entirely practical and easy to attain. All that is needed is the trustworthy information, which could easily be provided for, and the willingness to co-operate for the general good.

The element of doubt, however, in the closing paragraph of the above quotation, is no longer a doubt. There can not be other than a short corn and feed crop. Whatever affect that may have on the cattle supply and market is fixed. It only remains for farmers to know how to make the best of it. A nation-wide effectiveness of the Equity System of marketing would supply the need at times like these. Reliable information, free of either "bear or bull" influences, is its prominent feature. When farmers wish to sell it tells them where is the best demand and how to reach it. If farmers wish to buy, as many will before another season can make good present deficiencies, it tells them where is the fullest supply and the shortest and cheapest route to it. We want to see, closely linked together, progressive agriculture and business farming.

Reciprocity and Tariff

PRESIDENT TAFT exercised the entire power of the Administration and all of the Republican party he could control, the entire party machine, to secure the adoption by this country of his secret agreement with Canada that all farm products, including live stock, poultry, etc., should be made free to enter our markets at will; that is, that all protection should be taken from American farmers, but that the tariff should be retained on manufactured commodities. To secure this result he made free use of the public press, and even lowered the dignity of his great office by canvassing the country to the extent of making a great many speeches in the interest of free trade in farm products with tariff protection to everybody but farmers. He even intruded upon the legislative powers of the nation to the extent of telling Congress that his agreement must be ratified as he had made it—that he would not tolerate any changes or amendments. Congress, cowering beneath the executive lash, ratified the agreement, and Mr. Taft hastened to attach his signature to it, thus doing all in his power to take every protection from American agriculture but to still extend exorbitant protection to manufacturers.

Since then the very same Congress enacted three distinct measures, one called the farmers' free list, which pretended to remove the tariff from certain commodities of constant use by farmers, in order, as was claimed, to compensate that class in a measure for what they had lost by the free trade agreement. President Taft, who had forced free trade in farm products, vetoed the bill. Another bill reduced the tariff on cotton goods, so as to make the cheaper grades of clothing and all cotton commodities cheaper. It did not place any of these articles on the free list; it merely reduced the excessive tariff they now bear. President Taft vetoed it. The other measure reduced the tariff on woolen goods—did not take protection from the manufacturers as the Canadian agreement had taken it from the farmers; it merely reduced the tariff. President Taft vetoed it. The President that forced free trade on the farmers would not allow the Congress of the United States to make the slightest reduction of the tariff on manufactured goods.

When the Democratic majority in the present House of Representatives, led by Speaker Champ Clark, tumbled over themselves to get under Mr. Taft's free trade in farm products banner, and helped him to force upon America the Canadian agreement, we gave them fair warning that they could thus take all protection from the farming classes, but that they could not diminish by so much as a farthing the tariff protection extended to other classes. That is precisely as it is today. Their pretended relief measures have all failed, and they stand responsible before their constitutents and the country for taking all protection from the farmers and opening our market doors to the inexhaustible fields and pastures of Canada, while the least commodity those farmers must buy comes to them burdened with a price built up by a high protective tariff.

This is the situation. Farmers must know it; and whatever pretenses may be made by cunning politicians, party leaders and officeholders, and whatever appearances may seem to indicate, the farmers are thus wronged by executive usurpation and congressional perfidy, and voters should hold them responsible.

PRICES TO GO LOW

THERE must be a different system of marketing. Producers cannot stand the present system. Neither can the consumers. So far as these two classes are concerned, price is guesswork from beginning to end. The farmer never knows what he is to receive, and the consumer can make no calculation as to what he will be required to pay. According to a recent statement in the St. Louis Republic, made apparently on authority, prices of poultry are to rule very low during the remainder of the season. Turkeys are to go, it is said, from 6 to 8 cents lower, and broilers are to suffer a like reduction. Eggs will be cheap, too, declares the same authority.

The buyers give as a reason for these tragic reductions, that there is an unusually large production of these commodities; but poultry raisers know that is not true. The following paragraph from the same article comes nearer giving the reason:

"The busy season has commenced for the poultry dealers. They have begun to dress the different fowls and the cold storage warehouses are daily receiving hundreds of pounds of turkeys, geese, ducks and chickens for the winter trade. The freezing will end about February 1."

This was about the middle of August and there was already in storage in St. Louis **a million dozen broilers,** as asserted by a St. Louis packer; and there will be, he declared, 10,000,000 pounds of poultry of all kinds in storage. Turkeys will average about a million pounds, and ducks and geese will range from two to three thousand dozen each. Right now, said he, there are 170,000 cases of eggs in storage, and that is 30,000 cases more than there was at this time last year. Eggs are put in storage during April, May and June, and the storers begin to put them on the market in October. They go into storage during the cheapest period, and they begin to go out to the consumers as the high priced period begins. But the buyers make the prices they pay for the stuff, and then the same combination, becoming sellers, makes the prices consumers must pay.

Butter comes in for its share of this same treatment. At the time in August of which we are writing there was in storage in St. Louis about 500,000 pounds of butter, including packing stock and creamery, and that was 250,000 pounds more than was held at this time a year ago.

This system of marketing, we repeat, is disastrous to both producers and consumers. The former must sell when everything is cheapest, made so by the buyers, who put the stuff in the storage to prevent its going on the market to cheapen prices to the consumers, who must buy at all seasons any pay prices made by the former buyers, who have now become sellers.

What the people need, and what they must have, is a system of marketing that goes direct from the producers to the consumers; that knows where the stuff is and where it is needed, and will find the most direct and cheapest route from the one to the other. In modern trade and production this will, in many cases, require the intervention of cold storage, but that storage should be controlled by the producing sellers, and not by speculation. Such storage is a cheap and simple matter, and farmers by co-operation can easily provide and control it. It will naturally result in the steadying of prices so that farmers need not be in doubt as to what their income will be, and buying consumers may make easy calculation as to how much of their income may be saved after their necessary supplies are paid for.

TO CURB CORNERS

THE Chicago Board of Trade has adopted a rule, or rather an amendment to a rule designed to limit the profits that may be realized from a corner in the wheat market. It provides that those who "bull" the market and get the "shorts" into their power, shall not boost the price unreasonably, as has been done in the past, but shall settle with the "shorts" on a basis of not less than 5 per cent. of the true commercial value of the commodity and not more than 10 per cent.

That will evidently work an improvement on the Board's past record; but why have "bulls" and "bears" and "shorts" at all? These terms are unknown in legitimate commercial transactions, and the adoption of the amendment to the rule is a confession that there is an evil in the Board's system of doing business. Why should anybody sell what he has not and what he never expects to have, and why should anyone buy what he does not want and what he never expects will be delivered to him? When the time for delivery arrives he expects the seller to pay him the difference the then current price is above the contract price, and if the current price is below the contract price he expects to pay the seller the difference. There is no transaction in wheat at all, and yet these transactions affect the price of wheat all over the country. If these transactions can not be prohibited entirely the restraint of the amended rule may help to keep prices more steady as they can not be artificially forced above 10 per cent.

THE ABUSED AUTOMOBILE

SUPPOSE a big, strong freight engine were subjected to the treatment given the average automobile for a hundred-mile run. Uphill and down, over rough roads and smooth, through mud, slush and dust. How long do you suppose the locomotive would keep going?

Few engines on railroads run more than two hundred miles at a stretch. Then the entire distance is over perfectly smooth steel rails that are always kept in good condition.

During the trip the engine is in the hands of an expert who has, perhaps, given nearly a life-time to learning and caring for it.

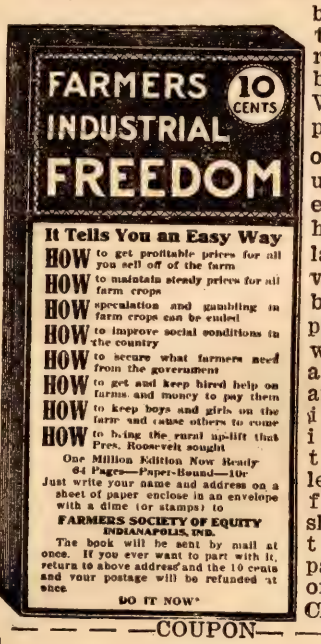
After each run the engine is carefully gone over by experienced men in the "roundhouse" and every particle examined and repairs made.

Contrast with this the care received by the average automobile and you will appreciate the strength and flexibility.

The automobile is the universal locomotive that goes everywhere, any time, with anybody. The farmer with an auto waits not for time or tide.

SEND FOR THIS GREAT BOOK

If you are a farmer and have any business troubles read this book. We want to place a copy of this volume in every farm home in the land. It is valuable beyond price, but we will send a copy to any person interested in solving the problems on the farm as shown on the title page, for only 10 CENTS.



—— —— —— COUPON —— —— ——

Farmers Industrial Freedom

Farmers Society of Equity,
Indianapolis, Ind.

Enclosed is 10 cents for which send me the new 64 page book *FARMERS INDUSTRIAL FREEDOM* which explains fully the Equity System for farmers co-operation in marketing, how it will be established, how it will be operated and the benefit to be derived.

My Name .....

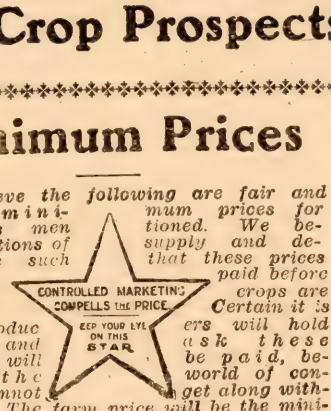
My Address .....

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago	$....
WHEAT—No. 2 Northern Spring	....
OATS—No. 2 White, at Chicago	.55
BARLEY—Good malting, at Chicago	1.00
RYE—At Chicago	....
HAY—Choice Timothy, at Chicago, ton	$22.00@$24.00
COTTON—New crop, to the grower	.13
CATTLE—Good to choice, Steers, at Indianapolis	$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis	7.00@7.50
HOGS—Good to choice, lights and mediums	6.50@7.00

1910 CROPS

CORN—No. 2 White, at Chicago	$ .65
BUCKWHEAT—At home market	.65
BEANS—At Chicago	2.50
BROOMCORN—Choice Illinois, at Chicago, ton	$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton	100.00@150.00

Advice

As long as the matter of free trade in Canadian farm produce remains unsettled, we will not give any advice, or recommend a minimum price for wheat and rye. Market corn, barley, potatoes, cattle, hogs and beans. Stop marketing as soon as the minimum prices, or higher, will not be paid. Hold oats and broomcorn.

AS THE year advances it becomes more evident that the 1911 drought was not confined to the United States, but it was very general over the Northern hemisphere. It is rare, taking the world at large, that there is any great variation in total production. While there are short crops in some sections there are unusually large crops in other sections to maintain the balance, or average. This year, however, threatens to be an exception. While there have not been any official figures to prove it, there is enough evidence to warrant the conclusion that the crops of the Northern hemisphere will be so far short that even the most favorable conditions in the Southern half of the globe can not make up the deficiency. A student of crop conditions, speaking of Europe, said: "In many countries throughout Europe, with its population of 400,000,000 people, vegetables, and root crops, including potatoes, have been almost total fairures, while the rye crops of the two largest producing countries, Russia and Germany, are far below a normal."



This shortage in Europe would ordinarily be of little direct importance to us, but it comes when precisely the same condition is present in this country. Many of our states have had the nearest to a failure of some important crops that they approached in many years. The pinch has been felt in vegetables and potatoes particularly. While the potato crop of the Northern states promises to be good, it must be remembered that there is a great void to be filled in the middle states which ordinarily is filled by the local crops of the states. We recommend sections having good crops of potatoes, cabbage, fruit, etc., to carefully save them and then ask profitable prices. Nothing can be gained by dumping this year, but much will be gained by controlled, or gradual marketing. In cases where storage is not available on the farms, produce may be sent to the cities and stored. With that in view, the Farmers Society of Equity has arranged with storage houses in many cities to co-operate with its members to hold temporary surplus. If farmers will avail themselves of this means of holding to a sufficient extent, it will mean steady prices, instead of the violent fluctuations so common under the old dumping system.

According to the government report as of September 1, the condition of all crops combined, in the United States was approximately 15.2 per cent. below the average. This percentage does not, however, mean that the crops will be equally short, because for some crops there is an increase in acreage. While the government reports are probably the most reliable we have, this paper believes the September 1 estimate did not correctly represent the loss; we mean that we think it was more than 15.2 per cent.

The reader who studies the statement of the market below will observe that the wheat visible increased very little in the last two weeks against an increase of over seven and a half million bushels the two weeks before. Oats, on the contrary, made a large increase and beat the former two weeks' period by nearly a million bushels. It is worthy of remark that the wheat visible now is sixteen million bushels more than a year ago, and nearly thirty-eight million bushels more than at the corresponding time two years ago. Comparing prices we have now, 93c; a year ago, $1.00½; two years ago, $1.07.

Wheat is about 2½ cents a bushel higher than two weeks before; corn about 3 cents higher and oats about unchanged. Cotton prices are declining, on the prospect of the biggest crop the country ever raised.

Farmers Society of Equity local unions in Oklahoma are shipping their cotton to Galveston to store. They report that they get a cash advance of 90 per cent. of present value, when wanted, which is almost as good as an outright sale. But it is much better than an outright sale, because the cotton does not go into the visible supply and is held for the minimum price.

We can not too strongly urge the potato and apple growers to organize and control their marketing. Potato growers now have the opportunity to make up what they should have made out of the two previous crops. Will they?

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on September 2, 1911, with comparisons, are shown in the following table: (The sign — before the figures means decrease, X means increase.)

	Sept. 2, 1911 Bushels	Change from 2 wks. before Bushels
WHEAT	53,602,000	X 423,000
CORN	8,309,000	X 708,000
OATS	25,229,000	X 6,458,000
BARLEY	1,480,000	X 795,000

The visible supply of grain in Canada on the same date, with comparisons, was as follows:

WHEAT—4, 362,000 bushels. This is 3,220,000 bushels less than two weeks before, and 696,000 bushels more than a year before.

OATS—4, 624,000 bushels. This is 135,000 bushels more than two weeks before and 191,000 bushels more than a year before.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on September 9, two weeks before and a year before, as follows:

	Sep. 9	2 wks. before	A Yr. before
WHEAT, No. 2, RED			
Chicago	92¾@93½	90½@91	$1.00½
St. Louis	.92 @92½	89½@90	1.01
Kan. City		89	1.00
Cincinnati	.92½@94	90 @92	1.02
New York	99½	95¼@96	1.07

Minneapolis—No. 1 hard spring $1.07⅜; No. 1 northern spring, $1.05@1.06⅜. Two weeks before, $1.07¾ and $1.04@1.07¼ respectively. A year before, $1.13¾ and $1.13 respectively.

CORN, No. 2, WHITE			
Chicago	.66½@66¾	63¾	59½
St. Louis	.66	63½@64	59½
Kan. City		61	58½
Cincinnati	.68 @68½	65½	63
New York	.74 @74½	70¾@71¼	67
OATS, No. 2, WHITE			
Chicago	.44¾@45¼	41¾@42½	34¼
St. Louis	.45 @45½	42½	35
Kan. City		43 @43½	35
Cincinnati	45½@46	42 @42½	36
New York	.49 @49½	45½@46	39½

Future Grain Prices

Chicago grain futures closed September 9, 1911, and two weeks before as follows:

WHEAT—September, 93⅜c; December, 97¾c; May, $1.03¼. Two weeks before, 90½c, 94⅛c, and $1.00¾ respectively.

CORN—September, 66½c; December, 64¼c; May, 66½c. Two weeks before, 62⅞c, 61⅝c, and 64c respectively.

OATS—September, 43½c; December, 46¼c; May, 48⅞c. Two weeks before, 42⅛c, 44½c and 47⅜c respectively.

COTTON—The price of cotton in New York on September 9, was: Middling uplands, 12.00c; middling gulf, 12.25c. The price is 70c per cwt. lower than two weeks before.

Live Stock

Indianapolis Market, September 9, 1911

Cattle—Good to choice steers, 1300 lbs and upward ..... $7.00@7.65

Good to choice, 900 to 1100 lbs. $5.50@6.25

Two weeks before the price of heavy cattle was about 75c a cwt. lower; the lighter weight, unchanged.

HOGS—Best heavies, 210 lbs. and upward ..... $7.45@7.65

Good to choice lights, 110 to 180 lbs ..... $7.50@7.60

The price of hogs is 20 to 30c per cwt. weight lower than two weeks before.

Chicago Produce Market

September 9, 1911.

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—A steady feeling prevailed The main trade was in Wisconsins at 85 to 95c for ordinary to choice stock and at $1.00 for extra fine Northern Burbanks. For Saturday the volume of business transacted was very fair. Receipts were about 50 cars.

Sales reported were: Wisconsins—1 car at 85c, 1 car red at 87c, 1 car round white and one car rose at 90c, 3 cars (2 cars mixed white stock) at 92c, 1 car Triumphs, 1 car Burbanks and 1 car Rurals, all sacked, at 95c, 2 cars of extra fine Burbanks late yesterday at $1.00. Minnesotas—2 cars Burbanks at $1.00, 2 cars Ohios sacked at $1.07.

The market was quoted as follows:

Sacks or bulk, per bu. Minnesota Ohios, ordinary to choice	$ .90@1.00
An occasional car of extra fancy higher, up to	1.05@1.07
Burbanks, choice	@1.00
Wisconsins, as to kind and qual.	.85@ 95
Northern Wisconsin Burbanks, fancy	@1.00
Michigans, Northern, immature and small	.75@ .85
Southern, ripe and good size	90@1.00
Maine Cobblers	1.10@....
North Dakota Ohios	@1.05

The price is about 20 cents a bushel lower than two weeks before and about 25 cents a bushel higher than a year before.

HAY—(Monday, Sept. 12) Timothy Hay steady. Demand and offerings fair. Choice Prairie Hay in only fair supply and demand moderate. Market steady. Low grades in large supply and very dull. Demand light.

Change from a year before	Change from 2 yrs. before	Change last year
	Bushels	Bushels
X 16,608,000	X 37,994,000	X 8,892,000
X 2,454,000	X 4,190,000	X
— 2,329,000	X 11,318,000	X 12,989,000
X 232,000	— 188,000	

Choice Timothy Hay	$21.50@22.00
No. 1 Timothy	18.00@19.00
No. 2 Timothy	17.00@18.00
No. 3 Timothy	14.00@16.00
Kansas and Oklahoma Prairie choice	16.00@16.50

The price of Timothy Hay is 50c to $1.00 a ton lower than two weeks before. Prairie Hay $1.00 to $1.50 a ton lower. A year before the price was $1.00@1.50 lower.

STRAW—Rye Straw $9.00@9.50. Oat Straw $7.00@7.50. Wheat Straw $5.50@6.00.

Rye and Oat Straw 50c to $1.00 higher than two weeks before.

BEANS—Very little is doing. Demand is small. Stocks are small. Few now offered by the country. Crop advices are very uneven, so that no conclusion can be arrived at.

The market was quotable as follows:

Pea Beans—	
Hand picked, choice	$2.15@2.20
Good but not strictly hand picked	2.00@2.05
Mediums nominally about the same as Pea Beans.	
Red Kidneys, depending on quality	2.75@3.00

The price is practically the same as two weeks before. A year before the price of Pea Beans was about 60c a bushel higher.

BROOMCORN—Steady at late range of prices.

Illinois Corn, depending on quality	$ 80.00@120.00
Oklahoma, per ton, poor to good	60.00@100.00
If badly damaged and stemmy no regular value.	

Price is the same as two weeks before. A year before the price was about $80.00 a ton higher.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned, as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	x....	5,774	x.....
Tuesday	7,543	10,977	o7,694
Wednesday	10,146	8,805	10,652
Thursday	7,648	5,971	13,899
Friday	6,875	7,110	6,333
Saturday	5,796	7,759	6,425
Total	38,008	46,396	44,320

xLabor day.
oTwo days.

Receipts, April 1, 1911, to September 9, 1911, 2,098,504 cases.

Receipts, April 1, 1910 to September 10, 1910, 2,429,414 cases.

Receipts, April 1, 1909, to September 11, 1909, 2,297,785 cases.

A firm feeling exists and prices favor sellers. An advance of ½c was made today.

There is a good trade and fine Eggs are selling all right. There is a good, steady, inquiry on home account and some inquiry to fill outside orders, with enough doing to take up the offerings. The receipts are moderate and less than corresponding time last year and the quality is good, but there are still some poor lots coming from the Southwest, and also occasional lots from the North which are mixed with stale and shrunken Eggs.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned—Eggs which will not grade—10½@14½c, depending on quality.

Ordinary Firsts quotable at 15½c.

"Firsts" quotably 17½c per dozen.

"Prime Firsts" quoted at 19c.

Checks or Seconds quotably 5@8c, depending on quality.

Dirties quotably 10½c per dozen, and candled stock will command a higher price.

The price is 1c to 2c higher than two weeks before. A year ago the price was about 3c a dozen higher.

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

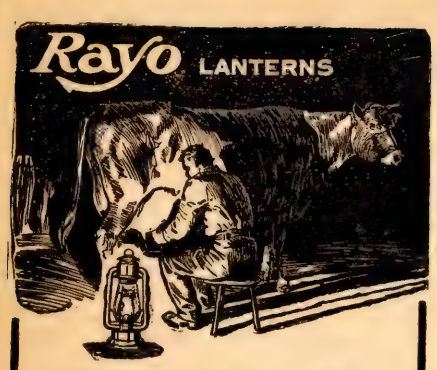
Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R. .....County .....State.....

Are you a member of F. S. E.....My Shipping Station is ..... On Railroad .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.



Good Light

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Rayo Lanterns **will not blow or jar out.**

They are easy to clean. Easy to fill and light. Made to stand hard wear.

You can get Rayo Lanterns in various sizes, finishes and styles. Each is the best you can buy of its particular kind.



All Rayo lanterns are equipped with selected Rayo globes, clear, red or green, as desired, and wicks are inserted in the burners, ready to light.

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Production and Marketing

WORK AND REST

Hayin' time is over—Landy! but you bet
I'm mighty glad!
Back feels kind o' achey and my arms as
if they'd had
Just about all that they wanted pitchin'
up that clover hay,
But, by jinks, it's under cover—last load
sent along today.
Now I've kind of got a right to just lay
back awhile and laze,
Dreaming o' the world that lies there out
beyond the purple haze,
And of things I'm goin' to do here as I
upward work my way.
Wonder if I'll ever want to be back here
a pitchin' hay.

GRASS AND CLOVER SEEDS

THESE seeds are unprecedentedly scarce and high; so high, in fact, that many farmers are deterred from sowing them, though they feel that they have lands that ought to be so seeded, and that both the lands and themselves would be benefited thereby. We scarcely know why these seeds are so high in price and so scarce. It is true hay is scarce and high also, but this is the result of unfavorable seasons rather than a scarcity of meadows. But farmers seem to have acquired the habit of selling the hay unthreshed, rather than threshing and saving the seed for market. Two things, at least, have contributed to the building up of that habit—the remunerative price paid for hay, and the more unfortunate fact that meadows have more foul growths than they had some years ago, resulting in contaminated and practically unmarketable seed. It is the pure and clean seed that sells high. We would particularly urge farmers to sow none but pure and clean seed, and then to keep their meadows free from noxious growths. Every spring the meadows, particularly the timothy meadows, should be carefully gone over, and every bad weed cut or pulled out. This is by no means the bad job it is usually thought to be, and its benefits are almost always underestimated. It is neglected because it seems to be work that can be put off until something else is done; and as the spring work thickens, the fact that a crop may be produced without it becomes the ruling factor, and that work is not done at all.

We may give a hint as to the clover crop and seed production. Depending somewhat on the locality, the common red clover is cut for hay about the middle or latter part of June. After the hay crop is removed, if the season is favorable, another growth starts immediately, and this makes the seed crop. The time of ripening of the seed depends largely upon the time the hay crop was cut, whether early or late, and whether or not there is a good seed crop depends upon the season, though other contingencies have a material effect upon it. It appears that the yield of clover seed per acre has been falling off for several years. This has been attributed to various causes, but we think it must be on account of lack of fertilization. The bumblebee is the principal aid in the fertilization of the clover bloom. The honeybee performs a part, but the latter is not nearly so efficient as the former. There are not so many bumblebees to be found on the farms as there were some years ago, and not so many honeybees are kept by farmers as there used to be, and the wild honeybees have disappeared with the forests. We believe if there is really a shortening of the yield of clover seed, the cause may be found in these conditions.

The time of cutting the first or hay crop, however, as we have already intimated, has a material effect on the production of seed. The hay crop should be cut early. The best hay is obtained by cutting just after the crop is in full bloom, but the best seed crop follows by cutting a little before the crop is in full bloom, and the increased value of the seed crop more than compensates for the loss in the earlier cutting of the hay crop.

For seed it is better to cut when the heads have turned dark brown and most of the seeds have reached the dough stage; otherwise the stems become brittle, easily break off, and much seed is thus lost. On the other hand, if the clover is cut too green the seeds are liable to shrivel, and loss be sustained in that way.

In cutting the seeds crop of clover there may be used a special clover harvester or buncher which may be attached to any mowing machine. This attachment bunches the clover and leaves the heads up so that they may dry quickly from the natural green stage or if wet by rain. If cut with an ordinary mower without the buncher, hands should follow the machine and carefully bunch the clover out of the way of the machine and team on the next round. The seed clover should never be run over, and it should be handled as little as possible, for the heads break off easily, and the seeds are liable to shatter. In such wastes light yields may often be accounted for. But in wet times the bunches may have to be turned to prevent rotting.

The seed should be thrashed only when the clover is very dry, otherwise much seed will be lost. Never start the huller until the dew is fully dried off.

Their Names

Three men named More, Strange and True,
Met to have a talk and a stew.
Said More, "Of us three,
The whole town will agree
There is only one knave, and that's
Strange."
"Yes," said Strange, rather sore,
"I'm sure there's More,

How It Got There

Customer to Milkman—I found a little fish in the milk I bought from you yesterday.

Milkman—Well, I am sorry, but the cows got out and drank in the creek the day before.

"EVERYBODY"

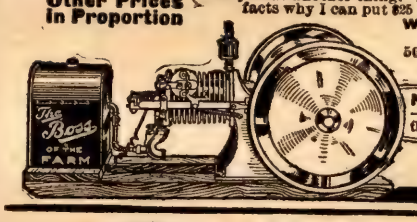
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1½ HP $27.50

Other Prices in Proportion

You've never before heard of such startling values—I've never offered anything like them and you know full well that no one else has ever come anywhere near my regular prices. But this time I've a startling reason—*I want 10 men in every township in the county to own and operate a Galloway Engine*—I've decided to double my factory capacity by increasing the sales twice and sell two where I formerly sold one—this calls for unusual values—hence, the greatest offer I have ever made. I can save you from $25 to $300 on an engine according to the H. P. needed. It doesn't matter what sized engine you want I've got the one to fit your wants and do more work and better work at less actual cost than any other engine in the world. Write at once for full information of the Greatest Offer Ever Made To American Farmers—don't delay but send me your name and address now, before you do another thing. Let me prove to you in cold facts why I can put $25 to $300 in your pocket.

WM. GALLOWAY COMPANY
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No Such Quality in any engine—no matter what price you pay—the Galloway price saves you $25 to $300



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The Steel Shoe Man

Every Step Like Walking On Carpet

I want you to know about my Steel Shoes even if you never buy a pair in your life. The more your feet bother you, the harder you are on shoes, the more I want you to read my free book, "The Sole of Steel." I just want you to know why mud, brush, water, snow, ice, are all alike, all good footing, if you have on a pair of my Steel Shoes. I want to show you why Steel Shoes will cure corns, bunions or callouses if you have them—or how to always keep your feet free of these troubles. I want to show you how over half a million men are each saving about $20.00 shoe money a year, because Steel Shoes outwear about 6 pairs of leather shoes or rubber boots. Not only that, but I want to prove to you that

Steel Shoes Protect Your Health

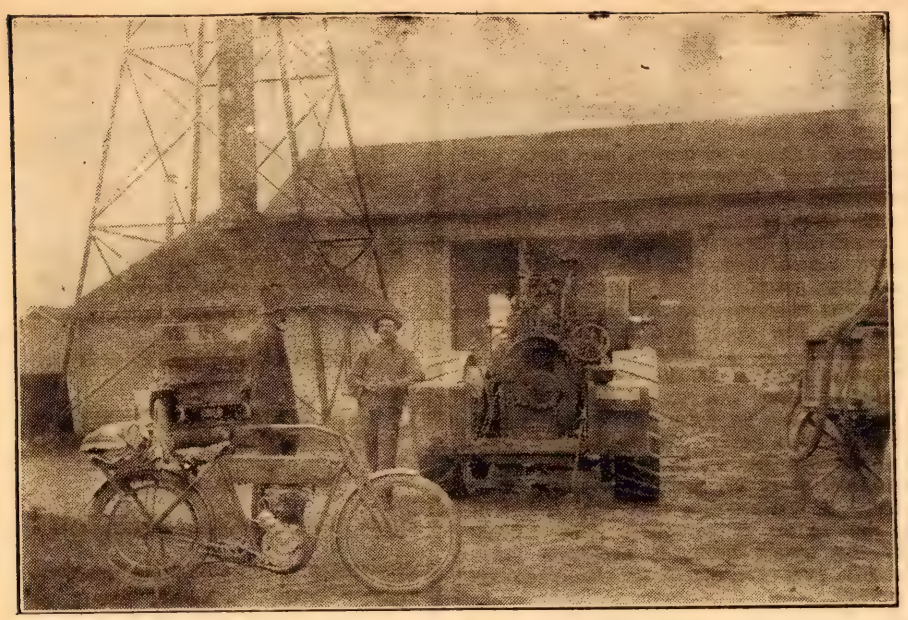
Cold, wet feet lead to lumbago, rheumatism, neuralgia, colds, grippe, bronchitis and even pneumonia. Steel Shoes insure you against all these dangers. because the steel sole comes up one inch all around and is bound to the leather by a riveted, water-tight joint. Your feet are powder-dry in Steel Shoes, perfectly comfortable all the time, winter and summer, and secure against injury from nails, stones and all sharp things that rip through leather or rubber boots. When over 500,000 men will never do another day's work in anything but Steel Shoes if they can help it—isn't it time for *you* to investigate?

Write For My Free Book Now

Just a postal will do. It's worth that, surely, to gain health protection, foot comfort and a saving of $20.00 a year. Then if you decide to try a pair, I'll send them on *Free Examination and Try On* in your home. I have a size to fit every man—and boy too. Write me now for the book.



N. M. RUTHSTEIN, The Steel Shoe Man
227 Seventh Street, Racine, Wisconsin
Canadian Factory: Toronto, Canada
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WILL THE MOTORCYCLE REPLACE THE DRIVING HORSE?

THIS is a question which is receiving considerable attention from many farmers to-day. The advantages of a driving horse are perfectly apparent to any farmer. It is impossible to work a team all day and drive them in the cool of the evening. And somehow it always seems that it is the busiest season when the team must necessarily work all day that trips on the road are imperative.

To the farmer who does not care to keep a special driving horse or who does not feel that the expense of keeping and feeding such a steed is warranted, the motorcycles should appeal and appeal strongly.

The motorcycle to-day can be equipped with a luggage carrier for carrying freight up to 200 pounds. Also with a tandem seat when two can ride as well as one. This spells pleasure for the whole family.

The average motorcycle can be operated at a cost of from one-tenth to one-sixth cent per mile and will travel from three to fifty miles an hour. Trips can be made to town for repairs or groceries in one-fifth of the time formerly taken in driving. Its saving of time alone is a most desirable feature, especially during busy seasons. It provides a very desirable means of conveying the children to school and other similar uses. The motorcycle on the farm does not increase the desires for city life. It seems to furnish just enough possibilities for city and pleasure enjoyment to keep the children closer than ever before to the old home.

The average good motorcycle is very long lived, and will cover, on the average, 100,000 miles. Farmers who have purchased these machines state they have saved them more than their original cost besides having furnished a most pleasant source of recreation.

Compiled the Ark

Teacher—Billy, who compiled our big dictionary.

Billy—Daniel Webster, ma'am.

Teacher—No, it was not Daniel Webster; it was Noah.

Billy—Noah nothing'. Noah compiled the ark.

A Different Change

Mrs. Observer—Why, your husband has changed so I did not know him.

Mrs. Dothings—No, my husband hasn't changed; I've changed husbands.

They Thought of Him

Father—I reckon you never once thought of me while you and your mother were away.

Young Son—Oh, yes we did. Mamma heard a man quarreling with his wife and said, "That's just like papa!"

The Simple Life

Sills—I can tell you how to live on ten cents a day.

Squills—No use; I've only got eight cents.

BOYS, PRINTING PRESS FREE

Here is your opportunity, Boys, to get a printing press all your own. This is a real press, with a side lever, self-inking, as shown in illustration. We give complete outfit of metal type, wood furniture, ink roller, ink, gold, silver, bronze, cards, etc. Chase measures 1½x2½ inside.

Print Your Own Paper, Cards, Circulars



Do you want one of these dandy presses, and do real printing? We want to give you one. Costs you no money. Write to us today and say you want the press. By return mail we will explain how you can get it, all for a little favor to us.

UP-TO-DATE FARMING
Indianapolis, Ind.

HARLEY-DAVIDSON

MR. FARMER

SEPTEMBER AND OCTOBER are two ideal months for motorcycling. It is then you have the time and opportunity for pleasure riding. It is then that the fish bite best, the nuts ripen and the ducks begin to fly. Sooner or later you will purchase one of these time saving machines. Why not do it now? A

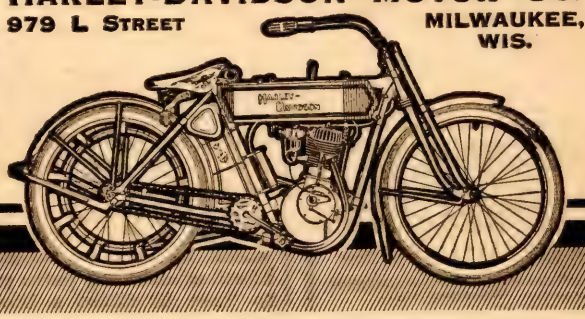
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MOTORCYCLE

will carry you anywhere you wish to go and at any speed you wish to ride. Will travel 10 miles for a cent, carry 200 lbs. of freight or an extra passenger. This machine holds the World's Economy Record as well as innumerable speed and endurance records.

Nearly one-third of all the motorcycles made and sold in America are HARLEY-DAVIDSONS.

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HARLEY-DAVIDSON MOTOR CO.
979 L STREET MILWAUKEE, WIS.



How the Hudson "33" Reduces Maintenance Costs

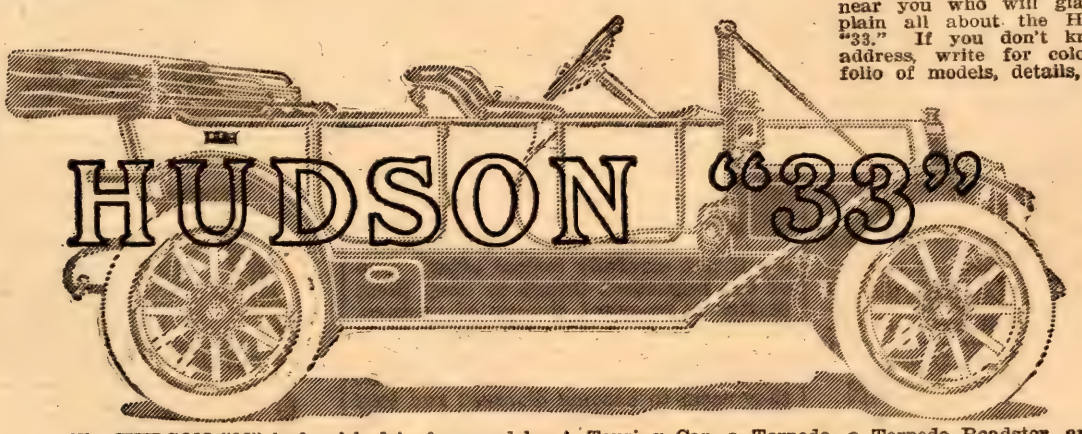
THE big cost item for all articles is for labor. Iron is worth only a few cents a pound, but when transformed by labor into a delicate steel watch spring its value is increased a thousand-fold.

THE HUDSON "33" has some 900 fewer parts than has the average automobile. The money thus saved enables us to triple the quality of the parts that are used. That is why experts always compare the HUDSON "33" with cars which sell above $2,500. Without some such way of saving, it would be impossible to give as good value for the money.

BUT the saving to the owner is even greater in the item of repairs than it is in the matter of low cost. The more complicated the car—the greater is the burden for its repair maintenance. It is not difficult to see how much simplicity keeps down the cost of operating a HUDSON "33," to say nothing of the advantages of its better quality as compared with any car selling for less than $2,500.

EXAMINE any automobile you think well of. Then see the simple, dust-proof, quiet, beautiful HUDSON "33." You don't need to know a lot about automobiles to appreciate the difference. Other cars are a jumble of exposed rods, wires, valve mechanism, etc. Many have exposed moving parts where the dust settles and wears away adjustments and causes the car to get noisy. Such cars call for frequent and costly repairs. Not so with the HUDSON "33." Anyone can easily see where in every particular it is superior to any other car at its price.

There is a HUDSON dealer near you who will gladly explain all about the HUDSON "33." If you don't know his address, write for color portfolio of models, details, etc.



The HUDSON "33" is furnished in four models: A Touring Car, a Torpedo, a Torpedo Roadster, and the *Mile-a-Minute* Roadster. The price of each is $1,600 f. o. b. Detroit. All models except the last named have closed bodies, genuine mohair top and wind shield. Demountable Rims, extra rim, tire irons, 34x4 inch tires, highest grade black enameled lamps, Bosch magneto, Prest-O-Lite tank, tools, etc.

The *Mile-a-Minute* car has storm apron and 100-mile-an-hour Warner Auto-meter. Both Roadsters have luggage box on rear, around which extra inflated tire can be carried.

"See the Triangle on the Radiator"

Hudson Motor Car Company
7114 Jefferson Avenue, Detroit, Mich.

PAID HIM TO CHOOSE

SHARPLES

Tubular Cream Separator

Has anyone tried to convince you that disks or other contraptions are needed in modern cream separators? If so, read this:

West Newfield, Me.

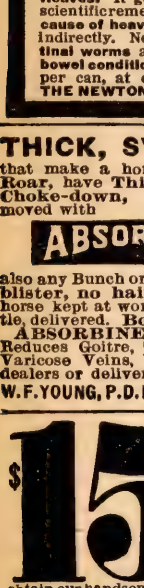
The Sharples Separator Co.:

The Tubular Separator I bought of you paid for itself in six months with only six cows and left a balance to the credit of the Tubular of $14.00. People came to my house, saw the Tubular at work, and purchased a Tubular for themselves; others that had separators of another make, after seeing the Tubular at work and the ease with which the bowl was cleaned, traded their separators for a Tubular. GEO. T. WILSON.

Geo. T. Wilson personally appeared before me and declared the above statements to be the fact.

Luther E. Saaborn, Justice of the Peace.

It paid Mr. Wilson to choose the Tubular, for Tubulars have twice the skimming force of others and repeatedly pay for themselves by saving what others lose. Dairy Tubulars contain no disks—wear a lifetime—are guaranteed forever by America's oldest and world's biggest separator concern. You will finally have a Tubular. Buy The World's Best first. Save yourself the expense of discarding some cheap or complicated separator. Other separators taken in exchange. Write for free trial and catalog 136.





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NEWTON'S REMEDY Is Death to Heaves, Coughs, Distempers. Safe, positive cure that is Guaranteed for Heaves. It gets at the root of the trouble. A scientific remedy for indigestion, which is the real cause of heaves. Heaves affect the lungs only indirectly. Newton's Remedy drives out intestinal worms and is an excellent stomach and bowel conditioner. Book explains fully, free. $1 per can, at dealers', or sent direct, prepaid.

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A Little Horse Sense

THOUGHTFULNESS in handling horses is what too many farmers lack. A bad horse, that is, a spoiled horse, a horse with a bad disposition, is not desirable on any farm, for only certain of the folks can use him, and they are almost constantly in a dread.

We believe in gentling colts when they are very young, and like men, it is easier to lead them by gentle persuasion than it is to drive them. Don't get impatient with their awkwardness; you were awkward at many things when you did them for the first time.

Strong, hardy colts, even of one or two years old, may be worked in light harness to light vehicles if handled wisely, not so much for the purpose of doing a service as of learning how and becoming accustomed to work. The first lesson to teach the horse is that you are his friend as well as his master.

Don't carry a whip at all unless you really need it, and never touch the horse with it unless you are deliberately sure it is necessary. The driver who always carries a whip and thoughtlessly keeps tapping the horse with it will never drive anything but a sluggish scrub that has become so used to the whip that he cares nothing for it.

Be on such terms with the horse that you can easily catch him, no matter where he may be when needed. We know of nothing more provoking than to have to chase a horse all over a field before he can be caught. Perhaps a majority of farm horses are of that kind, and unwise treatment by somebody has made them so. Always meet the horse in a friendly way, and no matter what the task to be done, do something that will please him when he is caught.

The refuse-to-be-caught habit is the worst horse habit we know of unless it is the balk habit. This, too, is the result of education, a lesson learned in some way. An overload and a beating to make him pull it, with a final inevitable surrender to the horse, is a very successful beginning. Then a faltering on a bad road, or at a bad place in a road, and another beating and another surrender, just about completes the schooling. It is not always this way, but it is some way similar to this. It is almost always the fault of the driver. If the load is too heavy make it lighter; if the road is bad make it better. Remove the difficulty, and always be kind to the horse. It is easier to urge this than it is to do it, especially if the horse is a confirmed balker, but it is just about the only remedy. If the horse is persistent, remove the difficulty as best you can, and then quietly unhitch the horse or the team, walk around a bit and hitch up again. Start with a somewhat different pull, but without any harshness, and it is a badly spoiled horse, indeed, that will not start as though nothing had been wrong.

SHEEP DEGENERATION

IN the central States of the Union where sheep for a few years have been gaining in numbers and in prestige on the farms, they will degenerate if not carefully looked after. One of the important things to keep them thrifty is frequent change of pasture. Sheep will do fairly well on pastures where other stock will get lean, but if kept on the same pasture all the time they seem to become diseased and lose stamina and robustness. The farm sheep raiser needs fences so that he may frequently change the sheep from one field to another. Almost any kind of growths makes good sheep pasturage, and one of the best ways to keep a farm clean is to have sheep in the fields; and the best guarantee of strong and healthy sheep is this varied pasturage. But it requires more good fencing than farmers usually care to have, or than they need if they do not keep sheep, though such fencing is often a great aid in hog raising.

In the breeding there should be an annual change of bucks, and none but strong and vigorous animals should be accepted on any terms. Cull out the ewes each season. Keep none but the young and fine looking ones. Whenever a ewe begins to lose her wool in patches, usually about the neck at first, she has reached the end of her usefulness in the flock and should be disposed of. It is better to have a systematic mating of the breeding sheep than to have the males run with the flock. Mate in time for early lambs, but not too early. If the lambs come before the first of March special preparation must be made for their comfort. A lamb chills very easily, but in a day or so, if getting a good supply of the ewe's milk, it becomes quite hardy, and will stand considerable exposure.

There has recently been a tumble in the price of both sheep and wool, that is very discouraging to sheep growers. We are sure this fall in price is not because of any decrease in the demand for these products nor in an over supply. Price has come to be a thing manipulated by powers unseen, and that are interested only in the profits they may make by these variations of price, sometimes up and sometimes down. These things are bad for the producers, but they will continue until the farmers decide to control their own business.

THE WORK OF THE COW

WE DOUBT if the average farmer estimates at its true value the work done by the cow. An ordinary good cow will produce from two to two and a half tons of milk in a year and a good dairy cow should raise this to not less than four tons. This not only contributes to the country's milk supply, but it also means the supply of cream, butter, cheese, and other articles whose base is some form of this product of the cow. Were the cow taken from the human family there would be a marked food deficit to be supplied from some other source. And from what other source?

Binks—Do you tell your wife everything you do when she is away from home?

Jinks—No, the neighbors do that before I have a chance.

$33 From Chicago to California

VIA

Chicago & North Western

Union Pacific

Salt Lake Route

Sept. 15th—Oct. 15th, 1911

No matter what you may want to raise—cattle, wheat, fruit or chickens—California is the place. The people out there now can't raise enough to supply the demand. Let us tell you about the orange and lemon groves, the fruit lands, the wheat fields, the egg farms and the cattle lands.

On September 16th, 17th, 18th and October 13th, 14th, 15th, 16th, the Union Pacific will run Colonist Trains de Luxe clear through to San Francisco. Solid through tourist sleeping car trains, with diner (serving full meals for as low as 50 cents), and a lounging car in which will be given, three times daily, Victrola Concerts. This is your opportunity to go for little money and in luxury. Write

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New Butterfly Cream Separator

are now ready in any size and capacity you need. Ready to ship from our big Chicago factory direct to you at our risk without a penny down, and on 30 days' free trial. If pleased, you pay our low factory-to-farm price in 2 mos., 4 mos., or 6 mos., just as you prefer. No interest—nothing down. The extra cream you get pays for your separator.



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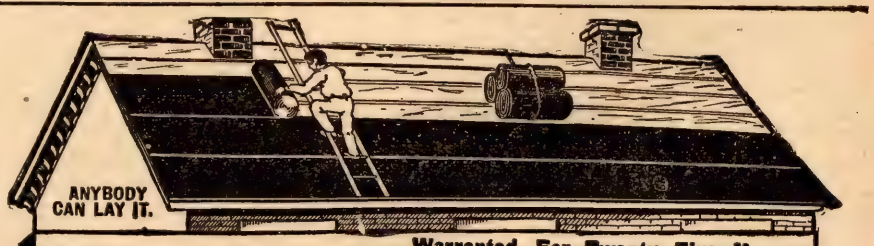
right away. Pick out the machine you want and the plan of easy payment that suits you BEST.



Send for free catalog now—showing two styles, five sizes and six easy ways of paying for New Butterfly Separators. Try the size you need free 30 days before you decide. See for yourself why New Butterfly Cream Separators turn lighter, skim closer, clean easier and last longer. See why we sell at such low prices on such easy terms and guarantee every machine a lifetime. Remember not a penny down—6 months to pay and no interest. Send for catalog NOW.

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FREIGHT PAID To Any Station East of Rocky Mountains, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

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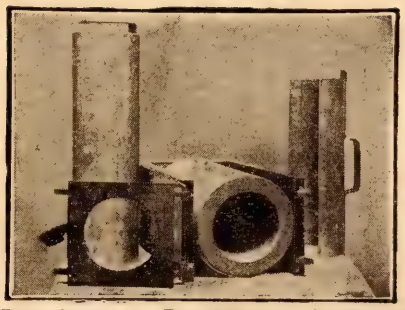
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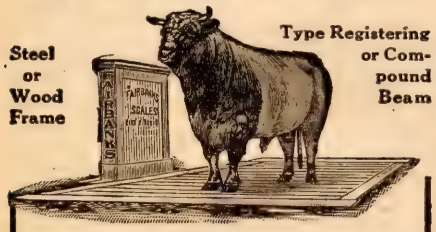
One man can make 1,000 Tile in 10 hours with this little wonder. Nothing like it. Makes more and better Tile than the big, high priced machines. Hundreds in use; no failures. With this same machine one man can make 500 building blocks in a day. The only combination machine of its kind on the market.

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A Way Out

"Go whenever, wherever, you please. But understand—yon can't take my grandson. Remember, I'm his legal guardian," Mme. Steel said in a hard, measured voice, not looking at Fenella, but over her head.

Fenella was slight and small, with eyes as dusky as midnight, yet shining like midnight stars. She was beautifully made, notwithstanding she was so little—therefore she had an impressive air of distinction. "I think you forget, dear madame, that I am Billy's mother," she said. "Even the law takes cognizance of the fact which no doubt seems to you insignificant."

"The law takes cognizance of—many things," madame answered, a slow flame kindling in her gray eyes. "As, for example, the good of unfortunate children. It will not leave them in the hands of—a wilful pauper. You have no money but what I choose to give you. Is there any way you can earn it?"

The sneer, the insult, flashed all through Fenella. She glowed with inner fire, yet still the distinction showed. "I shall leave your house immediately," she said. "All the answer I make you is this; because you are Billy's grandmother, I am sorry you choose to insult me. Out of respect to his father's memory, I can not provoke you to do it any more."

"As you will. But I shall keep Billy—I have taken advice—" madame began.

Fennella held up her hand. "Let us say no more," she said. "But Billy goes with me. You are guardian of his property—no court will take a child of three away from a fit mother."

"But you are not fit—" madame began, her eyes blazing.

"Fenella was already away. She gained the stairhead with the older woman panting ponderously at the foot, behind her. There she turned to say: "Billy is—safely out of reach. I sent him away, hoping to spare you pain."

An hour later, cloaked and bonneted, her eyes shining through her widow's veil, she sat in the office of Judge Jennings, who had charge of the big Steel estate. The judge sat regarding her with something between a scowl and a smile. "Tell me what's back of all this?" he asked. "Who is he? Where does he live? And what does he want?"

"You are unkind. There is no he," Fenella protested. "Oh, I know there ought to be. But it is just a case of incompatibility. I am tired of being a luxuriously-tended pauper—made to feel my pauper estate every minute of the day."

"H-m," the judge snorted. "Is madame as bad as that? Confound women! Excuse me, young woman—you're another sort. Even a hard man would feel in this case that you had an equitable right, not only to your boy but your husband's fortune. It's that absurd will which made his mother his heir, if he died before coming into legal possession of the fortune, unless he had married with her full consent," the judge said, getting up and walking back and forth on the hearth. "You'll let me speak plainly: Legally you are a pauper—poor Willy Steel didn't live to get a shadow of the title to that money. Wasn't to come into it till 30, you know—and he married you without madame's knowledge, much less consent. Your face is your fortune—no offense—it's a great one. But just now, now you're up against it—hard. There are just two things for you—submission or—another husband. Anybody in mind for the place? Tell me the truth!"

"I would rather starve—I can work—oh, ever so hard," Fenella cried, rising to her whole majestic height, five feet two. "No—there's nobody—nobody I care about. I've sent three men about their business since—since Billy—went away. I can't ask them to come back, or go out and sandbag somebody else."

"No—besides there's no need," the judge said with a short laugh. "But work! Lord! You are not the sort that is allowed to work."

"I don't understand," Fenella faltered, her eyes dimming for the first time.

The judge laid his hand on her shoulder, saying in a high, hard voice: "I mean you—are—ah, well, the sort of woman men, good or bad, want to—to kiss and cuddle and keep in cotton wool. Now don't flare up and stamp your foot"—as Fenella sprang upright—"Men aren't ravening wild beasts—but oh, they are so easy—when such a creature as you comes along! You couldn't work anywhere, at any thing that wasn't physically easy—nature attended to that part. Indeed you're a piece of her choice bric-a-brac—you've got to be taken care of—else there'll be a dreadful smashing—of hearts and reputations and all that."

"I won't kill myself! You make it appear that's the only way out," Fenella said superbly.

The judge drew a deep breath. "George! if only you were not you, I believe you'd conquer Fate," he said: "You'd do it anyway—only Fate happens to be a woman."

"Thank you," Fenella said, still superb. Suddenly she crumpled in her chair, sobbing hard. "I can starve myself—and laugh over it," she said at last. "But Billy! Suppose he had actually to go hungry?"

"Yet—you won't go home," the judge said almost eagerly. Fenella sobbed again. "If only I had a home—the poorest, tiny place—it would be heaven," she managed to say at last. "I had a home—the cabin Billy took me to, up in the mountains. But the castle!—It has been only a prison. I can't go back to it. But how can I let my baby suffer?"

"There is a wayout—it may be harder," the judge said loftily.

Fenella looked up at him, moist-eyed and tremulous. "Only tell me. Nothing can be harder. I will work, and pinch, and save—I have frocks enough to last ages.

(Continued on Page 13.)

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WELL AND PROSPECTING DRILLING MACHINERY



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AMERICAN
Motorcycle or Bicycle
We give 30 Days' Free Trial and Prepay the Freight. Write for our introducing offer and catalog and say whether you want Motorcycle or Bicycle. Do it now.
American Motor Cycle Co., F16 American Bldg., Chicago

GINSENG $25,000.00 from one-half acre. Easily grown throughout U. S. and Canada. Our booklet C E tells particulars. Send 4c for postage, McDOWELL GINSENG GARDEN, Joplin, Mo.



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It also means that all Jewel Stoves and Base Burners are doubly guaranteed; by the dealer who sells it to you and by the makers. Besides it means the owner will enjoy one-third more heat and use one-half less fuel.

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And every stove of one quality—the best.

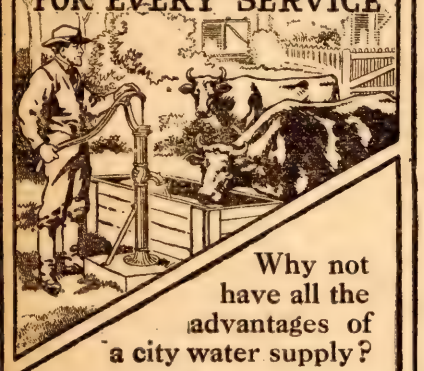
Every Jewel Stove is designed on practical, scientific lines to give long and satisfactory service. Every mechanical problem has been overcome, and every improvement is embodied. Over 4,000,000 "Jewel" Stoves are in use today and 4,000,000 housewives pronounce them the best. "Jewel Stoves are sold by over 10,000 dealers; generally the best and leading dealer in the vicinity. Our book showing "Jewel Stoves" and describing how they are made, will be sent on request.

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Why not have all the advantages of a city water supply?

Water right at the sink will save the wife many steps; water in the barn, stable, dairy or stock yard will save your men time and strength that is needlessly wasted. From our large line we can meet any requirement. Tell us your water problem and we will gladly help you solve it, no matter how small or large it may be.

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The difference in cost between the best and the poorest is so small, compared with the big difference in service, that you will always be sorry you did not buy a Goulds.

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before you think of buying any pump. It contains many valuable suggestions on pumps and pumping and will show you the type best suited to your needs.

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NULITE GASOLINE TABLE LAMP
A complete Light Plant weighing 7 lbs. Portable, absolutely safe, 300 c. p., brilliant light, one-third cent per hour. Saves 90 per cent of your light bill.

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DOLLARS AND HOW THEY ARE MADE from a bunch of letters written by successful agents; also one 25c working sample Triumph Fruit Jar Wrench. All for 10c—to hustlers who write today. Benjamin P. Forbes, 17 Beckman Bldg., Cleveland, O.

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Don't Throw it away! **MENDETS** A PATENT PATCH
Mend all leaks instantly in granitewares, hot water bags, tin, copper, cooking utensils, etc. No heat, solder, cement or rivet. Any one can use them. Fit any surface. Smooth. Sample box, 10c. Complete box, assrtd. sizes, 25c, postpaid. Wonderful opportunity for live agents. Write today. Collette Mfg Co., Box 183 Amsterdam, N.Y.

Wanted—A man or woman to act as our information reporter. All or spare time No xperience necessary. $50 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION, 439 Association Building, Indianapolis, Indiana



IT WAS MOTHER

"She made home happy!" Through the long sad years
The mother toiled and never stopped to rest
Until they crossed her hands upon her breast,
And closed her eyes, no longer dim with tears.
The simple record that she left behind
Was grander than the soldier's, to my mind.

—Henry Coyle.

AUTUMN AND THE LAWN

THE fall of the year is when the lawn is most neglected, but, as a rule, then is when it needs greatest care. It will be noticed that the blue grass lawn is greenest where there has been most constant shade during the heat of summer and on those spots where the summer sun has had full power, the lawn grass has thinned out, and crab grass and various weeds have appeared in the vacant or partly vacant places. As a rule, neglect has allowed the weeds to get beyond the power of the lawn mower to cut them, and the creeping habit of the crab grass makes it independent of that machine also. The weeds should be pulled up by the roots. This can easily be done after a rain, except in the case of dock and a few others that should be dug out by the roots, being careful to level the ground again. A rake skillfully used may tear loose the creeping stems of the crab grass, when they may be brought together and the main roots pulled out by hand. When this work is done, or while it is in course of being done, resow with clean lawn grass seed, and next spring the lawn may be as pretty as ever. The frost will kill the crab grass, and it may then be raked up and removed, if it be not removed before. Young dock may be pulled up in the spring by hand. The freezing will lift it so as to give room to get hold of it.

NOW IN THE SCHOOL

THE school house doors are opening all over the country, and the children are collecting their slates and books and making other arrangements to enter them. How earnestly do we wish them success! Much depends upon the teachers and the parents, but after all ultimate success, the success that lasts through life and makes the world brighter, revolves around the work, the thought, the purpose and the ambition of the children themselves.

The passing days are considered too lightly; the days are so much alike, and the schools are so certain to continue, term following term, and there being no limit to the recurring opportunities. But the last day will come by and by, and some time the school house door will close and that of the world and responsible life will open to every pupil. What will this change mean to the young people who are readers of this paper? What will be your position when you take your place in a busy and progressive world? We know so many who never give this matter a thought. They simply drift, and like the trash on the swollen stream, they lodge on the first obstruction that offers resistance, and there they remain a part of the unsightly drift.

Young friends, there are better things for you in life, and it is up to you to work to them. There have been great men and great women. We call them great because they found great places and filled them. There are great places lying just ahead of you. Is it you or some one else that will find and fill them?

THE AMBITION TO BE SOMETHING.

THOSE who have an ambition to be something are anxious to please, provided they do not have to overstep the proprieties or do something wrong in order to do so. Above all things, be polite and courteous. Everybody has rights as well as ourselves, and we should respect those rights just as we would have our own respected. Those who go through life in a rough and ill-considered way as though their preferences were of more importance than the preferences of any one else, cannot be pleasing to others, nor can they get along well in the world.

How we do love to see young people thoughtful and considerate. The mind, the spirit, is the better part of humanity, and it manifests itself in thought. Be thoughtful if you would be progressive, and if you would gain favor with people around you. The truth is, little things are big things. The stars are beautiful as they twinkle in the heavens, but they are very small, yet they are larger than all the world. We cannot measure what we do with tape or yardstick. What seems the smallest may be the largest. Therefore, we repeat, be kind and courteous, always considerate, and with the mind and life constantly tending upward.

"Children Teething"
Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

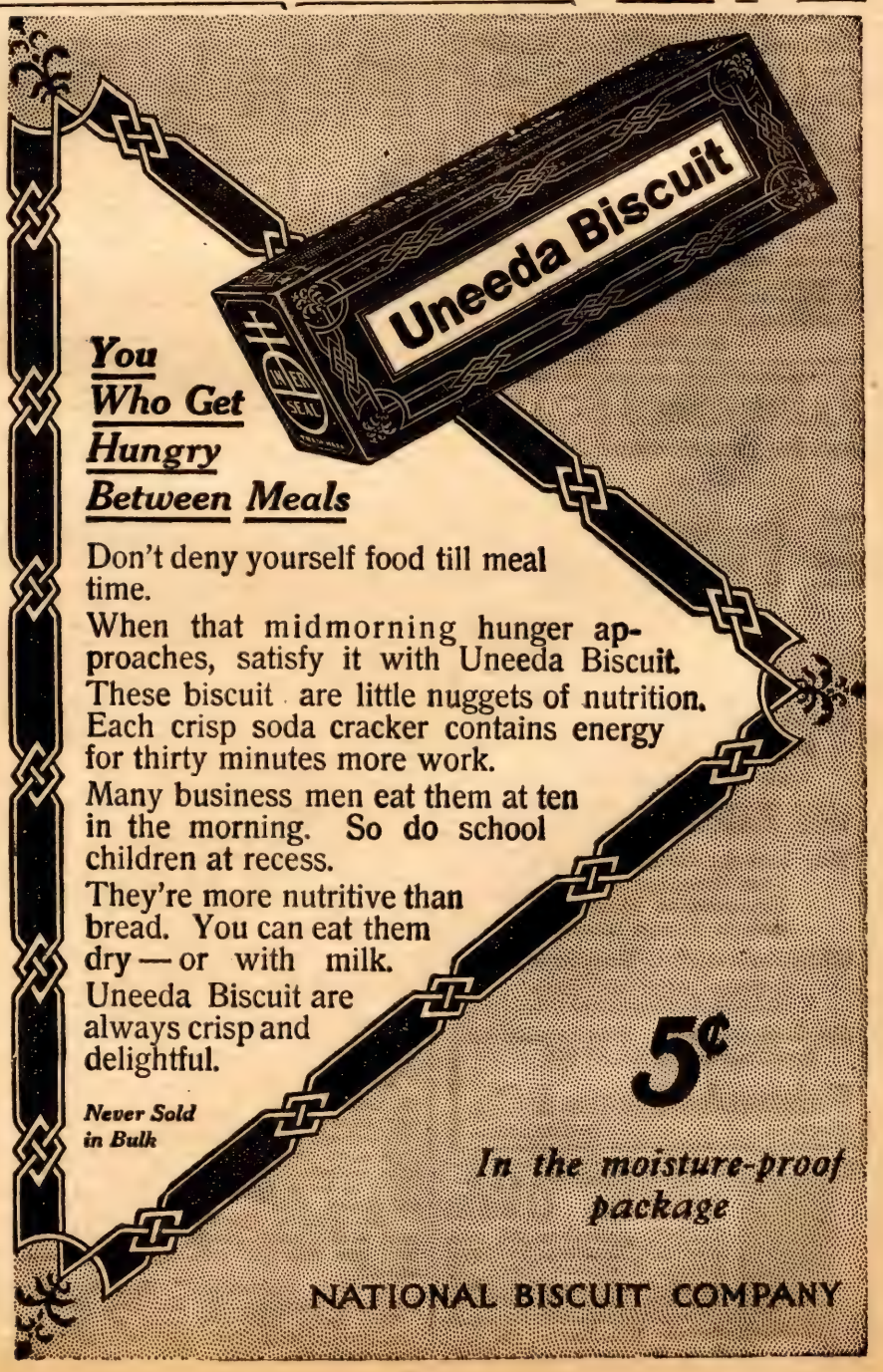
STEM WIND & SET **WATCH RING & CHAIN FREE**
FOR SELLING POST CARDS
We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain. WILLARD WATCH CO., Dept. 903 CHICAGO

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We positively give to BOYS and GIRLS a BEAUTIFUL American-Made stem-wind, stem-set watch with handsomely designed case, proper size. GUARANTEED 5 YRS. Also dainty ring, set with three sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain. We Guarantee Satisfaction.
Dale Watch Co., Dept. 53 Chicago

BRACELET AND RING FREE
This beautiful Bracelet, equal in appearance to solid gold, set with genuine muscatine pearl as shown, also dainty Ring for selling 20 packs high grade art post cards at 10c a pack. Order cards today, when sold send us $2.00 and we will send you Bracelet and Ring by return mail. WELLS MFG. CO., DEPT. L47 CHICAGO.

12 POST CARDS FREE
I will send 12 of the prettiest souvenir post cards you ever saw for 4c to pay postage and mailing if you will show my cards to six of your friends.
A. D. ALVIN, 233 South 5th St., Phila., Pa.

GUARANTEED BEAUTY PINS 3 of these beautiful one-piece guaranteed Beauty Pins sent prepaid for 25c. Genuine brazed plated, choice of 5 styles. Rare bargain—money refunded if not satisfied. Novelty Jewelry Co., Sec. B, 955 Edgecomb Pl., Chicago.



You Who Get Hungry Between Meals

Don't deny yourself food till meal time.

When that midmorning hunger approaches, satisfy it with Uneeda Biscuit.

These biscuit are little nuggets of nutrition. Each crisp soda cracker contains energy for thirty minutes more work.

Many business men eat them at ten in the morning. So do school children at recess.

They're more nutritive than bread. You can eat them dry — or with milk.

Uneeda Biscuit are always crisp and delightful.

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In the moisture-proof package

NATIONAL BISCUIT COMPANY

CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

ONE of the pleasantest duties I have in connection with Up-to-Date Farming is preparing the Cadet letters for publication. I wish we had room for twice as many. If the Cadets could help us more in obtaining subscribers, thus increasing our usefulness, we might add a few more pages to the paper, and thus make more room. We have some extra good letters for this issue, particularly the one describing the historic Moravian settlement in Pennsylvania, and the one describing that remarkable peak, Pilot Mountain, in North Carolina. There are others that please us greatly—those whose writers have obtained subscribers for the paper, and who say they are going to do so soon.

DEAR CADETS: I am a farmer's daughter, 15 years old. My home is among the Pennsylvania hills, about two miles from the Susquehanna river, which is noted for its beautiful scenery. The famous Tehoppekong Spring (the Indian name for Cold Spring), is situated along the river, about two and a half miles from my home. It is a favorite resort for fishermen and picknickers. The first settlement in this part of the country was made about three miles from my home by the Moravians in 1765. The village was called Friedenshutten. The main street was eighty feet wide. The village numbered 29 log houses, with windows and chimneys, 13 log huts, a church, a school house and a mission house. Between the river and the village were 250 acres of rich farming land upon which the settlers raised corn. In 1767 the Moravians built a larger church that was provided with a bell, the first ever heard in this country. The population numbered 150 people. The site of Friedenshutten is marked by a granite monument. David Wilmot, who offered in Congress the celebrated Wilmot Proviso, that prohibited slavery in any territory the United States might afterward acquire, was a resident of our country, and his tomb is at Towanda, the county seat. I have taken Up-to-Date for four months, and like it very much. I live on a small farm where we raise wheat, corn, oats, rye and potatoes. Papa and I also have 70 hives of bees. I would like to exchange letters or cards with the Cadets.—Rachel Van Luvanee, Wyalusing, Pa.

DEAR CADETS: I live in Michigan. "Every crow thinks her crows are the blackest," and I think this is the best place I was ever in. I am 18 years old. I subscribed for Up-to-Date Farming last spring, and got as a premium a lot of field, vegetable and flower seeds. My Farmers Interest corn is 7 feet high and not yet tasseled out, and I have a pumpkin 20 inches in diameter. Our principal crops are beans, corn, oats, wheat, barley, rye, hay and fruit. We have 4 big fruit farms in this neighborhood that are known for 30 miles around. We have 3 churches and a fine school. I do not use tobacco in any form, nor do I drink or play pool, billiards or bowl. I would like to exchange view cards with all the Cadets.—Alex Geno, Almont, Mich.

The following letter shows us what they think of Up-to-Date, even in the cities:

DEAR CADETS: About three weeks ago my father told me he was going to get a new farm paper. Busy in some geometry work, I paid no more attention than to ask what kind of "trash" it was going to be, for we have farm journals that are scarcely worth the blank paper. Two weeks elapsed and no paper came. So I began to tease my father. His reply was, "Wait, watch and see." One day I saw my father reading Up-to-Date Farming. He was so intensely interested that he did not notice me enter the room. At the first opportunity, I read the paper myself, and found it was a real farm paper. If there were a world contest for appropriateness of name, Up-to-Date would win the prize, for it certainly deserves its name. Cadets who wish information about New York are welcome to write me, and I will be glad to reply. I am 17 years old.—Gus. Schaffer, 102 West 29th St., New York City.

DEAR CADETS: I am a Pennsylvania boy 14 years old. My father has taken Up-to-Date for some time, and I enjoy reading the Cadet letters. Last winter I got up a club, which was very easy to do, and the subscribers think it a fine paper. I shall get up another club soon among the Grangers, for I am a Granger myself. The wheat crop of this section was very poor, but there is now prospect for a fine corn crop. I joined the Grange some time ago, and I think it is fine, but I do not think it comes up to the F. S. E. —Harry Hiller, Montoursville, Pa.

DEAR CADETS: I am 20 years old, and live on a farm in western North Carolina. We raise wheat, corn, tobacco and vegetables, tobacco being the main crop. I will tell of my vacation trip to the mountains. Two friends a little older than myself boarded a Saturday evening train for a small town near Pilot Mountain, altitude 3,000 feet. From the town we took it afoot across country to the mountain, three and one-half miles we reached the "foot," whence we had a 30 per cent grade for a mile, where we reached a spring of clear, cool water, a delightful place to rest, and from which we could see the peak in all its splendor. The other half mile is a grade of 60 per cent. This mountain is in the shape of a potato hill, and on the summit is a rock called the pinnacle. It is most round, but it is smaller at the base than at the top. It's more than perpendicular walls of rock extend 200 feet in the air, and its top contains about one and a half acres of trees and shrubbery. This is reached by ladders. We spent the night on the top, and saw the sun set and rise. De had a view over abount ten counties in North Carolina and Virginia. My friend said it was a better view than one could get from Mt. Mitchel in this state, the highest peak east of the Mississippi river. One could easily imagine himself viewing the Holy Land from some Oriental peak, Mt. Pisgah, for instance. After a couple of days camping on the mountain, we returned to our homes. I wish some of the Cadets from the prairie states, and the editor of this paper, could have been with us. I will be glad to receieve cards and letters from the Cadets.—W. Blaine Newsome, Germantown, N. C.

DEAR CADETS: My father and I are constant readers of Up-to-Date Farming, and we are in full sympathy with its objects. We began with the June number. We are too busy to do much hustling for the paper until a little later in the season. When a farmer hustles for this paper he is really hustlying for himself. I am 20 years old. My mother has gone to the Summer Land. My father, myself and my sister, of 16, came from Rochester, New York, a year ago last April. I wanted to get out of a city store and become a farmer. Pa understands farming and is a good cook, so we are keeping house a mile from Calistoga. Mount Helena, 15 miles from Calistoga, is in full view. This is the northwestern end of the Nappa valley, a very beautiful and fertile region. Very little irrigation is needed. We raise almost everything except tropical fruits, our main first crops being prunes and grapes. Corn is fine without a drop of rain since planting—we don't need rain until the crops are harvested and taken to market. Father is raising chickens and Belgian hares, and has a fine garden; sister will attend high school next term. Calistoga is a terminus of the Southern Pacific, and is a popular resort, with mud springs, hot water springs, sulphur baths and a swimming pool. One spring is so hot that it cooks eggs in seven minutes. Geologists tell us that this water is made hot by contact with hot rocks, others think that chemical combinations may produce the heat. I love to drink the crystal waters. I shall be pleased to hear from any Cadets, and will answer all first letters or cards.—Leon F. Cook, Calistoga, Cal.

DEAR CADETS: I am a Kansas boy, and was born and raised in this state. I am 23 years old, and the only one in the family. We live in the Smoky Hill river slope; the river being about seven miles north of us. We are one mile from Navarre and fourteen miles from Abilene, our county seat. We raise wheat, corn, oats, and such fruit as apples, peaches and plums. Dairying is carried on to a great extent here. We live on a 320 acre farm, and do most of the farm work ourselves. Land is worth from $65 to $100 per acre. Will answer cards or letters.—Ernest Shockey, Navarre, Kan.

Once more I must be content with giving the following names and addresses of writers:

Lottie Smith, Loyal, Wis	14
Chessie Bourn, Rosedale, W. Va.	14
Maggie Anderson, 812 First St., Jackson, Mich.	
Ralph McCoy, Chariton, Iowa	17
Sarah Zook, Belleville, Pa.	13
Floyd E. Shaffer, Hyndman, Pa.	15
Mercy Raymond, St. Louis, Mich ..	10
Goda L. Biggs, Cranberry, W. Va. ...	13
Jennie Hale, Bladen, Ohio	14
Jack G. Harrison, Errol, N. H.	

Special from Nellie Tipton

So many write to me that I can not answer all, but they ask me to answer through our dear Up-to-Date. My piano fund is growing. I am delighted to tell you I lack only $12 now of having enough to get the piano. I will be so glad then. And just think! It all started through the reading of Up-to-Date Farming. What a grand paper it is. It has made my life very happy; and I thank you all for your beautiful cards and letters. My mail seems a part of my life, and it makes me happy. My general health is good, but my limbs are no better; I can not use them any, nor have I been able to do so since I was first paralyzed, September 9, 1905. I do not go from home often, but I have just returned from a visit to Mrs. E. E. Bailey's, of Sevierville, Tenn., about 50 miles from my home. Mrs. Bailey is the lady who proposed the dime shower for my birthday. She certainly did give me an enjoyable time. Many have asked about my picture. I have a nice one seated in my rolling chair, that I send for 25 cents, the money being added to my piano fund.—Nellie Tipton, Maryville, Tenn.



Backache

Is only *one* of many symptoms which some women endure through weakness or displacement of the womanly organs. Mrs. Lizzie White of Memphis, Tenn., wrote Dr. R. V. Pierce, as follows:

"At times I was hardly able to be on my feet. I believe I had every pain and ache a woman could have. Had a very bad case. Internal organs were very much diseased and my back was very weak. I suffered a great deal with nervous headaches, in fact, I suffered all over. This was my condition when I wrote to you for advice. After taking your 'Favorite Prescription' for about three months can say that my health was never better."

Dr. Pierce's Favorite Prescription

Is a positive cure for weakness and disease of the feminine organism. It allays inflammation, heals ulceration and soothes pain. Tones and builds up the nerves. Do not permit a dishonest dealer to substitute for this medicine which has a record of 40 years of cures. "No, thank you, I want what I ask for."

Dr. Pierce's Pleasant Pellets induce mild natural bowel movement once a day.

THIS AWL



MYERS
Famous Lock Stitch SEWING AWL

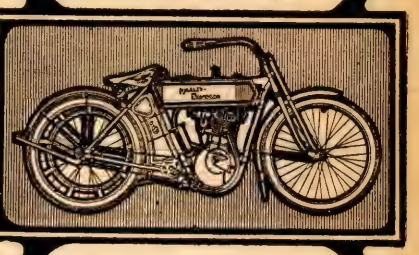
sews shoes, harness, belts, rugs, gloves, etc., etc. A time and money saver in every household, on every farm, for every teamster. Curved and straight needles. Can be carried in the pocket. Always ready to mend a rip or tear. Saves trips to town. Will make it unnecessary to buy many new things.

My Offer Send $1.00 and your own subscription for four years, or two subscribers for two years each, or four subscribers for one year each and I will send this genuine Myers Awl and guarantee it. This is a great offer. Send today.

J. A. EVERITT, Editor, **INDIANAPOLIS, IND.**

HARLEY-DAVIDSON

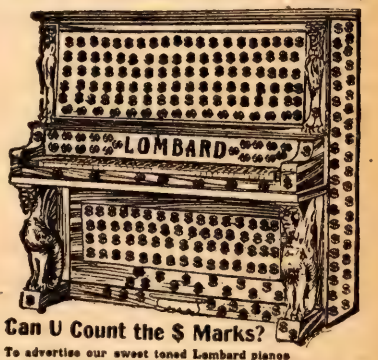
IN one section of Indiana one out of every eight farmers own a motorcycle. These farmers have realized the economy, the convenience and the pleasure of this best of road steeds. Most of these machines are Harley-Davidsons. Selected because they are the most economical (they hold the World's record for economy). Because they are the most reliable.



(In the New Jersey and Peninsular Motorcycle Clubs Endurance Contest, as well as the Cleveland Road Contest held this year, every Harley-Davidson entered, got a perfect or 100% score. The average of the 11 other makes competing was 43%). Nearly one-third of all the motorcycles sold in America are Harley-Davidsons. Made and guaranteed in the largest exclusive motorcycle factory in the World. Send for catalog.

HARLEY-DAVIDSON MOTOR CO.
869 L STREET MILWAUKEE, WIS.

$200.00
PIANO PURCHASE CHECK FREE
FOR CORRECT ANSWER TO THIS PUZZLE



Can U Count the $ Marks?

To advertise our sweet toned Lombard pianos

A $200 PIANO PURCHASE CHECK

will be given any person who sends us the correct number of $ marks. $1 will be deducted from the check for each $ mark wrong in your count. Look close—get them all.

IF YOU WANT A PIANO

Count the $ marks, and earn a Lombard Piano Purchasing Check. If your count earns the $200 Check, by using it you can save $200 on the price of the piano. Balance on price you can pay in cash, or payments if you wish.

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131 South Cherry St. GALESBURG, ILL.

CORN HARVESTER with Binder Attachment cuts and throws in piles on harvester or windrow. Man and horse cuts and shocks equal with a corn Binder. Sold in every state. Price $20 with Binder Attachment. S. C. MONTGOMERY, of Texaline, Texas., writes:—"The harvester has proven all you claim for it. With the assistance of one man cut and bound over 100 acres of Corn, Kaffir Corn and Maize last year." Testimonials and catalogue free, showing pictures of harvester. New Process Mfg. Co., Salina, Kan.



LOVER'S GUIDE

Tells "How to Woo an Heiress" "How to Court a Bashful Girl" "How a Lady Should Manage Her Beau to Make Him Propose Marriage" "How to Catch a Rich Bachelor" "Love Letters" "How to Win the Favor of Ladies" "Wedding Etiquette, etc. All subjects treated in a way most helpful to lovers. This great book will be sent postpaid for only 10c, 3 for 25c; coin

B. D. Cooper, Horton, N. Y.



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BRAKEMEN, FIREMEN, ELECTRIC MOTORMEN, CONDUCTORS, TRAIN PORTERS

Hundreds put to work. $65 to $150 per month. **500 more wanted.** Experience unnecessary. Application blank and map of new lines free. Give age and position wanted. Enclose stamp.

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X-RAY KATHODOSCOPE. Latest pocket curiosity Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver Alden & Co., 1033 N. Keystone, Indianapolis



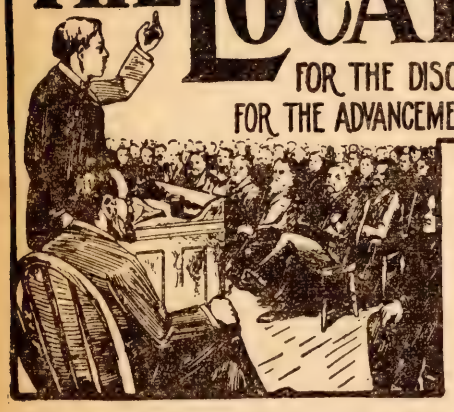
BOYS VIOLIN  **FREE!**

We give this fine, sweet-toned violin, good white horse hair bow and box of resin for selling only 20 new MOTTO PICTURES at 10c each. We trust you. Send for pictures today—When sold, send $2.00 and Violin and Complete Outfit will be sent you promptly. Satisfaction guaranteed.

ALTON WATCH & MDSE. CO., Dept. 1429 Chicago, Ill.

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

The marketing problem is the greatest one.

—o—

The high prices demanded for food is the most threatening element in modern life and a remedy for it is the most momentous problem confronting the nation.

—o—

The problem is truly a national one. North, South, East and West it is the chief topic of conversation and of newspaper publicity. Employers of labor recognize it as a menace, as on it depends the stability of wages. Employees also discuss it, as, if prices go higher they must ask for more wages. Farmers talk of it, as high prices curtail consumption and their markets. Everybody is living in at atmosphere that clearly shows that things are not well. From a correspondent in the ——— part of the country we quote this:

—o—

DEAR EDITOR:

Your favor containing a "proof" of your report on the high cost of living and a solution is at hand. How my soul rejoices with the note of its contents. Out here things are growing ominous. On every hand bankruptcy and ruin stare the people in the face and on every street corner and in other places little groups gather to talk quietly, "what next?" Workingmen and employers join in such talks and then as they go about their affairs they try to get up hope for "better things tomorrow.

We have no other purpose in publishing the above extract than to emphasize the importance of everybody doing all they can to set things right as far as it in the power of the people to do it. We even concealed the section of the country where the letter came from; but knowing the writer as a person of large experience, having a wide acquaintance and closely in touch with current events, we are obliged to accept the report as correct, at least as far as that section is concerned.

—o—

We have seen that during recent years, while the farmers were producing in extravagant abundance, the cost of food to the consumers kept constantly rising. Even when prices to farmers went down, recently, about 25 per cent. on an average, the prices to consumers remained stationary, or advanced, in no instance was there any material reduction. The present marketing machine we compare to a ratchet and wheel. Every excuse for higher prices turns the wheel ahead but there has been no provision made to lift the pawl and let the wheel reverse.

—o—

Investigations, federal, state, municipal and private, covering a period of several years have been made and reports rendered. But none of the recommendations were practical to carry out, or were inadequate to meet the conditions, and prices continued to climb.

—o—

At this juncture this paper printed a plan. It was published in the September 1st number. It is too early to hear from many people as to their opinion of it, and, of course, it has not been possible to give it a practical test. But it is so simple, and so many proofs were submitted of the benefits through co-operative buying on a much more complicated plan (the Roachdale plan) in Europe, that it does not seem possible that this plan could fail to meet the needs of consumers in this country. If it does it will solve the problem of the high cost of living and help very much to solve the one of profitable prices for the producers.

—o—

As regards the matter of marketing the interests of the two classes—producers and consumers—are identical. Both are suffering from the iniquities of a system that has grown up between them that often gives poverty prices to the former and charges almost starvation rates to the latter. It is eminently proper that they should combine to crush the wicked system.

—o—

From the final report of the Indianapolis committee to investigate the high cost of living and recommend a remedy we quote as follows:

The great bane of the present system of marketing is the great number of people operating it. * * * Any plan to remedy the trouble that falls short of straightening the road from the farm to the table will be inadequate to solve the problem.

—o—

And we quote further from the same report:

We recommend that Consumers Leagues be organized for the purpose of buying direct from the producer all articles of food. The producers are as anxious to deal direct with the consumers as the consumers are to deal direct with the producers. Neither wants to deal through the middlemen. * * * This will be the solution of the problem and when this plan is put into effect the high cost of living will be a thing of the past.

—o—

Ever since the Farmers Society of Equity was started the great question has been, "How can we cut out the middlemen?" And this demand has often been made: "Show us how to market direct and every farmer will join the Society."

—o—

Thus the one greatest need of the Society has been agencies on the markets to receive its members' produce, dispose of it direct to the consumer, or as direct as possible, and make prompt returns; such agencies always working to improve the marketing system in the interest of the producers and consumers and not in the interest of the boards of trade, produce exchanges and storage combines.

—o—

The Farmers Society of Equity has met the need in the Equity System of Marketing. This is the first time that farmers ever had a successful system to go around the middlemen and reach the final market where their own personal representatives will look after their shipments as well as though they accompanied them.

—o—

We do not claim that the present system is complete now, but it is growing every day. All that remains to be done is for farmers everywhere to use it and get their neighbors to do the same, when, in a reasonable time, they will be able to get prices set by their own organization instead of taking "the market price."

—o—

The Equity System is established in 102 of the large markets of the country. All its representatives are experienced men and among the most responsible in their respective places. The System must appeal to the best people or it would have been impossible to enlist such a fine lot of representatives to help improve the System of Marketing, as the Directory discloses.

—o—

As evidence that the best buyers and consumers are as desirous for a new deal as the farmers are, we print some extracts from letters as follows: (We omit the city at to publish The Equity System representatives to the public would be an injustice to the members of the Society.

—o—

This is to inform you that we store poultry, meats, butter, eggs, cheese, noncitrous fruits, vegetables and nuts. We will always be glad to quote rates to your members and local unions.—*Harrison Street Cold Storage Co., N. Y.*

We have the "Directory" explaining the Equity System of Marketing, storing, etc. We thank you very much for this, and assure you that any goods coming into this house marked to "The Equity System" will have our very best attention.—*The Wichita Ice and Cold Sorage Co., Kan.*

We have received your "Directory" of the Equity System Markets and are much pleased to know that you have placed our name in your Directory. We will be glad to co-operate at any time with your members, and anything that they have to dispose of in our line, we will give them the full market value at all times. We know that there are times when farmers hold back certain classes of poultry when it is against their best interest to do so, and in such cases we could be a benefit to them in a financial way, if they will co-operate with us.—*The Seymour Packing Co., Kan.*

We are in receipt of the "Directory" of the Equity System Markets. We feel highly honored to be named in this Directory and assure you that we will do all in our power to give prompt attention and good service on all business that comes from the Farmers Society of Equity's members and local unions.—*H. H. Carr & Co., Ill.*

We have received the "Directory" of the Equity System Markets and we appreciate being listed in that Directory. We will do all that we can to make the system successful and of benefit to your members.—*R. D. Elwood, Allegheny Co., Pa.*

Tell your members that apples stored last year realized a large profit to the storer. We have the best storage house in this vicinity and are prepared to handle any quantity of apples. Our apple rooms are right, no better place to put apples to hold until the advance comes. Also our storage rates are lower than can be found any other place in the United States. Tell your members if any of them want to store their apples to let us know and we will quote rates and co-operate with them to market to the best advantage.

Also if they have poultry, butter and

50,000 MEN WANTED
In Western Canada

200 Million Bushels Wheat to be Harvested

Harvest Help in Great Demand

Reports from the Provinces of Manitoba, Saskatchewan and Alberta (Western Cannada) indicate one of the best crops ever raised on the continent. To harvest this crop will require at least 50,000 harvesters.

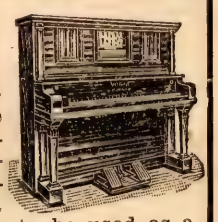
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Excursions are run daily and full particulars will be given on application to the following authorized Canadian Government Agent. The rates are made to apply to all who wish to take advantage of them for the purpose of inspecting the grain fields of Western Canada, and the wonderful opportunities there offered for those who wish to invest, and also those who wish to take up actual farm life. Apply at once to

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W. H. ROGERS,
3d Floor, Terminal Traction Bldg., Indianapolis, Ind

FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley, the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. No lands for sale; organized to give reliable information. Sacramento Valley Development Assn., SACRAMENTO, **California**

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Only one person in each vicinity desired. Write at once for full particulars. It is an opportunity of a lifetime to secure a High Grade Piano, to be used as a sample in your home. Write today.
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HONEY—Calif. sage honey, freight paid, per lb.—Light Amber, 10c; White, 11c; Water White, 12c—Will ship allowing inspection before payment. Large sample, 10c. Honey leaflet free. Spencer Apiaries Co., Box 43, Nordhoff, Cal.

TIME TO PLANT will soon be here. We sell direct to planter at lowest prices for best of Stock. Apple and Cherry trees 8c, Peach 4c and up. Send for Catalogue. It's valuable to you. ERNST NURSERIES, Box 11, Moscow, O.

PERFECT HAIR If you have lost or are losing your hair, if troubled by dandruff or gray hair, let us send you large illustrated Treatise, FREE. Koskott Laboratory, 1269 Broadway, 434 C, New York, N. Y.

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST., CHICAGO, ILL.

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Money Making Southern Lands
In Delightful, Healthful Baldwin County Alabama

There is no section of the United States so healthful as Baldwin County. The climate is ideal. Warm in winter and cooled in summer by the fresh sea breezes from the Gulf of Mexico. It is a perpetual pleasure to live in this county. The land will produce crops that net $100 to $400 per acre. Fruits, including Satsuma Oranges, make large profits. Berries and Nuts are big money crops. Early vegetables are grown for northern markets in January and February, when prices are highest.

Stock raising and Poultry raising are very profitable. Green pastures the year around. Money crops every month. Baldwin County produces the famous shade grown wrapper tobacco, often yielding $1,000 per acre. Its sun grown tobacco sells at a fancy price.

Two or more crops produced on the same ground every year.

I have the best lands for all purposes at low prices. One company is selling tobacco land at $125 per acre. I have equal land at $25 per acre up. Will be glad to correspond with intending purchasers and assist in selecting. Lands sold on easy terms if desired. Information free.

L. GLENDINNING, Box 1, ROBERTSDALE, ALABAMA.

—INDIANA FARM BARGAINS—

I have several fine farms in Pulaski County, Indiana, only 85 miles from Chicago, the world's greatest market. These farms are improved. Soil is rich loam, very productive, well drained. Produce 18 to 35 bushels wheat; 50 to 90 bushels corn. Located in the famous Tippecanoe River valley.

Prices range from $40 to $75 per acre for improved farms.

My farms are close to thriving towns, good roads, churches, schools, telephone, rural delivery, interurbans, good neighbors, prosperous community.

For full information write to

OTA J. SHAW, Dept. A, Winamac, Indiana

eggs to store, tell them that we have the finest freezer rooms in the country.—*Indiana Refrigerating Co., Ind.*

For several years we have tried to make our purchases as near direct from the farmers as we possibly could. We buy white and yellow or mixed corn and want good stock. We pay cash for all we buy and deal square with our fellow men. When we find that we do not get the same dealings in return, then we quite that man. Will be glad to have samples and offers from your members and local unions.—*Boney & Harper Milling Co., N. C.*

We are very fond, indeed, of buying direct from the farmers. We buy a great deal of our wheat from Kansas shippers. If we can get it from the growers who are members of the Farmers Society of Equity we will only be too pleased to do so.

Hope you will put them in communication with us through your system of marketing.—*Bernet, Craft & Kauffman Milling Co., Mo.*

We assure you that it will be a pleasure to us to handle any business that any of your members and local unions favor us with. We handle both wheat and corn and will be pleased to hear from as many as possible at any time.—*The Goodlander Milling Co., Kan.*

We are in receipt of your letter, with the "Directory" enclosed. You may rest assured that any produce, except onions and cabbage, that your members and local unions send to us for storage will receive our best attention.—*Syracuse Cold Storage Co., N. Y.*

We are duely in receipt of your "Directory" and are glad to be among the number to whom your members can sell their produce direct. We have been doing quite a business with the farmers direct for the past four years. We wish you great success in your efforts to improve the system of marketing and will do all in our power to help along your association.—*The Kaw Milling Co., Kan.*

We have the "Directory" and will be very glad to co-operate with your Society in any way we can along the line suggested for the betterment of the marketing system of farm crops.—*Hayes Grain & Commission Co., Ark.*

We are large users of hard spring wheat and would be pleased to have you put us in touch with shippers of such grade in Western Minnesota and North and South Dakota, as that is the territory from which we draw our supplies.

We wish you success in your efforts to improve the marketing methods for farmers.—*Listman Mill Co., Wis.*

We prefer to buy grain from the farmers direct at all times when possible. We are in the market continually for wheat, oats and barley, and will be glad to be placed in communication with growers of the best qualities of these grains.—*Albers Bros. Milling Co., Ore.*

We have seven mills, and use large quantities of white corn, yellow corn and natural white oats. We also grind wheat and rye. As a rule we usually buy Pennsylvania wheat and rye for less money than the West quotes, but this year the crop in Pennsylvania is not nearly as large as usual and we will have to probably buy some from the West. Any of your members and local unions who are in a position to offer us virgin grain, we will be pleased to have their samples, or we will make offers.—*Miner & Hillard Milling Co., Pa.*

We will be glad to trade with your members and local unions direct on wheat. We like to get the wheat as it comes from the machine, before the elevator people get it.—*Mountain City Mill Co., Tenn.*

We have always tried to make it a point to buy direct from the farmers, giving them every advantage possible. We have found this more satisfactory than to buy from the elevators or wheat buyers at country stations. We deal in soft winter wheat only and have always endeavored to be friends of the farmers. Now we hope that your members and local unions will communicate with it.—*Eisenmayer Milling Co,. Mo.*

A WAY OUT

(Continued from Page 9.)

And Billy is so little it won't take much for him—only he must have a dog to play with—and I hope he can have a pony—"

"Certainly," the judge interrupted. "Also three square meals, a French nurse—and a college education. Also again a better training than his daddy had."

"How? Only tell me how? You said it was hard—but I sha'n't mind—anything," Fenella said, her eyes sparkling, then blushing vividly, the lids dropping. "You would not let me do anything that would make my boy ashamed."

"Never!" the judge said. "You see—I love the little chap. Can't you guess the reason."

"You loved his father?" Fenella answered wonderingly.

The judge smiled. "Well enough—but not as I love his little mother," he said. "Fairy—I called you that the very first time I saw you—I've loved you ever since. Let me take care of you as my darling wife."

Fenella sprang up—for a minute she was too breathless to speak. But she flung herself in the arms held out to her, and at last managed to say, "I wanted to do this at the very, very first—but, oh, I never dreamed I should dare to be so brave!"

"Only brave?" the judge asked tenderly. She nestled closer, saying as her arm crept shyly about his neck, "And so, so happy!"—Martha McCulloch Williams in *Kansas City Journal.*

It is wonderful what results have been gotten by leading fruit growers in planting trees with Dynamite. It will not be long before this powder is as much a part of the farm equipment as a manure spreader. Dynamite will increase any farm's profits. It is safe when used with horse-sense. Write for interesting, instructive, illustrated booklet No. 214 to S. G. DuPont De Nemours Powder Co., Wilmington, Del.

Speed like the wind on a motorcycle. It helps a farmer in his business and it is a great pleasure. A motorcycle will carry a passenger besides the driver, or 200 lbs of freight. For full particulars write Harley-Davidson Motor Co., 869 L. Ct., Milwaukee, Wis.

—o—

If any farmer is sinking in the bog of bad marketing let him become a member of the Farmers Society of Equity at once and be entitled to the co-operation of nearly 300 personal representatives on 102 of the biggest markets of the country. Don't wait until you sink so deep that you can't reach a helping hand. Use the coupon. One shipment to the Equity System will make enough extra profit to pay the dues of the Society many years.

—o—

If there is any community that is ready to rebel against the old system of marketing, and every community in the country is, let some enterprising reader of Up-to-Date Farming, a member of the F. S. E., send for authority to organize a local union. The Equity System will quickly help it out of the bog of bad marketing. Tens of thousands of extra dollars will be the inevitable result of a local union that uses the system. Send the coupon.



THIS IS THE COUPON

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

Gentlemen:—I enclose $1.00 to become a member-at-large of the Farmers Society of Equity with all dues paid for one year, for one year's subscription to Up-to-Date Farming, and for the use of the Equity System of Marketing for one year, with advice and direction for selling any or all of any crops I have to sell during the term of this membership. At the same time it is understood that I am not under obligation to sell through the Equity System if I do not wish to.

My Name .....P. O. .....

R. R. .....County.....State .....

Will you undertake to have a Local Union organized?.....

What is the name of your market town? .....

FREE DISHES



WHY BUY DISHES WHEN YOU CAN GET THIS 33-PIECE DINNER SET FREE.

This complete dinner set is yours for a favor—it doesn't cost you a penny. The above picture gives a faint idea of the beautiful old rose and gold design and the size of each piece in this magnificent dinner set which we want to send to you free. As soon as you send in the coupon below we will mail you a large picture of the entire set with each piece in all the pretty colors of red, white, green and gold, showing just exactly how the set will look when you take it out of the box in your own home. In the center of each plate or dish there is a beautiful cluster of bright roses, surrounded by green foliage, all in perfectly natural colors. Around the edge of each piece there is a very heavy and artistic design in gold. The combination of gold, green, white and red, makes the most popular and striking design yet produced in tableware. The ware itself is pure white and dainty enough to delight the most fastidious housekeeper. It is made by the famous Colonial Potteries at East Liverpool—each piece is stamped with their trademark, which insures their superior grade. When you get these dishes on your table you will have something to be proud of indeed. And we don't want you to pay us a cent of your money for them. What we ask you to do is so easy you will never miss the spare time it will take. Don't let this opportunity escape, for no home has enough dishes. It is positively the most liberal dish offer you ever did or ever will see. You can't buy this dinner set—it's not for sale, but I give it to my friends for a little favor on their part.

SEND NO MONEY---JUST THE COUPON BELOW

and we will send you prepaid, 100 Sharp's best needles, sizes 3-9, 1-5, 4, 5 and 6, and 15 darners and bodkins, all fitted in a handy and convenient needle case. The darners are for cotton, wool, lace gloves, carpets, etc. Everyone of these 115 needles is high grade, big eyed, extra quality steel, Dix and Rands brands, made in Austria and Germany. When you receive them show them to your friends and also show them a copy of The Weekly Star Farmer, and ask them for twenty-five cents each in connection with a special offer I will authorize you to make. When you have collected only $4.00 for us in this way the lovely dinner set will be yours. Put your name on the coupon and send it at once. We give two EXTRA PRIZES for promptness—big generous gifts—so hurry. Send no money—just your name.

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THE WEEKLY STAR FARMER, Dept. 12 St. Louis, Mo.

Please send me the 115 needles and complete outfit for earning the 33-piece Dinner Set, with the understanding that this does not obligate me to pay you one cent.

My name is .....

My address is .....

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No Others in the World Like Them

Hoosier Stoves

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SAVE HALF THE COAL

Bluefield, Col.—I received my stove and have tried it thoroughly. I am perfectly satisfied with it. I use about one-half the coal and get about one-third more heat than I did with my old stove. I don't see how you can put the material used and the excellent workmanship on your stoves and sell them for the price you do. I could not duplicate mine in my town for $60.00. I have saved $20.00 on my stove. SAML. L. WADE, Prof. English.

WE HAVE MORE THAN 18,000 LETTERS LIKE ABOVE.

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No matter where you live, we deliver Hoosiers to you to use 30 days free in your own home before you buy.

The new improvements on Hoosier Stoves and Ranges absolutely surpass anything ever produced. You can't afford to buy until you know all about these wonderful improvements. Send for Free Catalog and prices.

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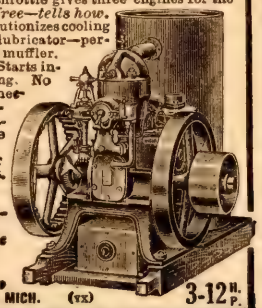
Gentlemen—Please mail me free your Stove Catalog containing full particulars in regard to your new improvements on stoves. I may purchase a Cook Stove, Range, Heating Stove or Base Burner in the near future. (State the kind of stove you are interested in.)

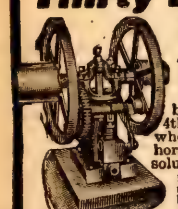
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Cut out this coupon today, sign your name and address in full and mail to us.

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WE PAY THE FREIGHT
KEROSENE
gasoline, distillate, any fuel oil, perfectly—without change
Cheapest, Safest, Simplest
POWER
for barn work, house work, mill work, dairy work, well work, spraying, sawing, irrigation, electric lights, pumping.
Astonishing success. More power gallon for gallon. Hundred less parts. Patent throttle gives three engines for the price of one. *Catalog free—tells how.*
Double duty tank revolutionizes cooling systems. Force feed lubricator—perfect oiling. Automobile muffler. Ball bearing governor. Starts instantly. No pre-heating. No crank. Experience unnecessary. Women can operate. Vibration eliminated. Quality high—price low. Comes complete.
Always hungry for work—and thrives on it.
FREE TRIAL
No obligation till satisfied. 10-year guarantee. *"Engine Facts" free write for it* NOW.

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3-12 H. P.

STOP! STOP! STOP!
Thirty Days Trial of

United States Bonded Engine. Burns gas, gasoline, kerosene, distillate. Consider these
12--Advantages--12
1st, Pays for itself in fuel saving in short time. 2nd, No violent vibration. 3rd, Greatly reduced bulk. 4th, Easily portable; mounted anywhere. 5th, Every engine part and horse power guaranteed. 6th, Absolutely frost proof. 7th, Positively most economical running engine made. 8th, Only engine with pulley on both sides. 9th, Small pulley on cam shaft, for very slow machines. 10th, Perfect Lubrication, cooling & ignition. 11th, Lowest cost engine in the world. 12th, Made by reputable firm, 60 years in business.
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Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No lies. Durable, cheap. Sent on trial. Pat. Sept. 10, '01.
CATALOGUE FREE.
C. E. BROOKS, 5424 Brook Building, Marshall, Mich

1911 National Convention of the Farmers Society of Equity

The next national convention of the Farmers Society of Equity will be held at Indianapolis, beginning December 12, next.

At this convention national officers will be elected and every other thing done that may be considered for the good of agriculture and for the extension of the Society. As relates to the election of officers, we quote from the by-laws as follows:

ARTICLE IX

Officers

Sec. 3. The officers of the National Union shall be a President, a Vice-President, a Secretary, a Treasurer, a National Organizer, other Directors to make nine, and a Director to represent each principal crop or class of crops as they may be grouped in the plan of the Society to facilitate marketing. Such crop Directors to be appointed by the Board of Directors as their necessity arises.

Election—Representation

Sec. 4. The officers and directors of the National Union, with the exception of the Secretary, shall be elected by a popular vote of the members on blanks furnished by the National Union, and forwarded to the National Union by mail or by delegate, to be voted in the National Annual Meeting of the Society. * * *

The term of the officers shall be for one year, or until their successors are elected and qualified. *The names of all candidates must be published in the official paper at least three times, the first publication being at least six weeks before the time of the Annual Meeting.*

Any member or local union can make nominations. The nominations should be accompanied by a statement of the fitness of the candidate for the position, which may be published for the information of the membership.

Nominations should be made on this blank and sent to Farmers Society of Equity, Indianapolis, Ind.

For President ..... Address .....
For Vice-President ..... Address .....
For Treasurer ..... Address .....
For National Organizer ..... Address .....
For Directors ..... Address .....
..... Address .....
..... Address .....



QUESTION: *Where can I buy a carload of wheat or oats straw?—J. E. Evans, Sisterville, W. Va.*

ANSWER: Will our members and local unions in W. Va., or states bordering, who have it, please answer.

Q. *We are supplying the leading hotels in New York and a great many private families with newly-laid eggs and we want to make direct connection with more farmers to ship their eggs direct to us from Indiana and Illinois. Kindly give your advertising rates.—Organized Producers Company, 150 Chamber St., New York.*

A. We sent advertising rates. We advise our members and local unions to correspond. They said in their letter: "We are an established concern and we can give ample references, if desired." We recommend asking for references.

Q.-A. *Mr. S. P. Caldwell, New Castle,*

YOU CAN DOUBLE YOUR CORN CROP

Patented
if your Seed Corn is right. It will be if you use the Perfect Seed Corn Drying and Storage Rack. Every ear identified by number. Ears don't touch each other, hangs from ceiling, rats can't get to it, 40 ears on rack, 20 bushels hang in space 9 ft. square, made of metal, lasts a lifetime. Price 50c each, freight paid in dozen lots. It will soon be time to use them. Order today. Big money to agents, farmers who have taken a corn judging contest preferred.
J. C. BLACKFORD
426 Willow St. Fayetteville, Ark.

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Trial Treatment FREE
To prove what dermol will do for Eczema, Tetter, Salt Rheum, Pimples, Blackheads, Itch and all kinds of itching skin diseases, we will send you a liberal trial treatment that will stop the itching almost instantly and give relief to cases of 20 years standing. Thousands are being cured every day. Read this letter from Mrs. J. Klahunde, Cass Lake, Minn., which is one of the many received daily: "I thank you many times for the sample box of dermol for Eczema. It cured me, my face is just as white and clean as milk."
If you suffer the agonizing itching of Eczema or any other skin disease—don't delay—write today for the free treatment. You risk nothing.
Lycoming Laboratories, Dept. 13, Williamsport, Pa.

SCIENTIFIC RUPTURE CURE
Don't Wear a Common Truss or Appliance
Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.

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76 Pearl St. Grand Rapids, Michigan

FITS I CURED MY DAUGHTER
Doctors gave her up. Will send free. "Give express office." D. Lepso, Island Ave., Milwaukee, Wis.

We Want a Representative
IN EVERY COMMUNITY
A high-class proposition. No merchandise to sell. We want a Retired Farmer, College Student, Insurance Agent, Canvasser, Subscription Solicitor or Bright Boy who can give all or part time to business. No experience necessary. Representatives
MAKE $25.00 WEEKLY
and many make more. Work in your own locality or travel. Income continues yearly to our representatives. Write today and secure territory. Appeals to the best people in every community.
J. A. EVERITT, Editor, Dept. . Indianapolis, Ind.


—33-PIECE FLOW BLUE DINNER SET—

EXQUISITE 33 PIECE DINNER SET
ROYAL BLUE AND GOLD
Every Woman May Have a Set FREE

This is an exceptionally serviceable set of dishes. It is a set that you will be very proud to place before your *"company."*

The entire thirty-three pieces are all large and useful. There are none of those small, useless pieces so often found in dinner sets.

This set has been *selected*, after examining all those put out by the leading manufacturers, as being both the *most beautiful and serviceable obtainable.*

6 Large Dinner Plates
6 Fine Cups
6 Fruit Dishes
1 Large, Fine Vegetable Dish

The edges of these dishes are tinged with a very *beautiful deep blue*, fading into a pure white. Being carefully *glazed* these dishes always hold their color.

A rich, wide gold band decorates each piece and delicately intermingled therewith is a beautiful gold wreath.

The entire set is one of rich, dainty and ultra-fashionable design. The ware is the *most serviceable* that can be secured *at any price.*

We positively guarantee *safe delivery* of these dishes. You need not accept any broken ones. And if they are not perfectly satisfactory in every manner we will make them so.

These are *"distinctive"* dishes. There is a vast difference between these and that inferior, cull stuff often given as premiums.

BEAUTY AND SERVICE

This illustration can give you no real idea of the beautiful, rich and dainty design of this "exceptional" set of dishes.

You will be very much surprised at the ease with which you can secure one of these beautiful sets.

Cut the coupon below and send it to us. We can't make our offer here. All we ask now is that you show *sufficient interest* to send us the coupon.

Send that coupon and you'll never regret it. Do it now lest you *forget and then regret.*

No set of dishes ever given surpasses this one in *beauty of design and quality of ware.* We give this set to our friends. You don't

6 Breakfast Plates
6 Saucers
1 Fancy Bowl
1 Oblong Meat Platter

have to pay us one cent. It is, by far, the greatest offer of all time.

This is no prize contest wherein a few win and many are disappointed. *Everyone will share alike.* Just send the coupon and we will reserve the dishes for you.

UP-TO-DATE FARMING
Indianapolis, Indiana

FREE DINNER SET COUPON
UP-TO-DATE FARMING, Indianapolis

Please send me full particulars about your 33-piece Royal Blue and Gold Dinner Set. I want one of the sets; tell me how to get it without cost. Be sure to reserve a set for me.
My
Name .....
Address
.....
.....

IF A BEAUTIFUL DINNER SET YOU WANT—JUST SEND THE COUPON

BUSINESS EXCHANGE

This Department is intended to bring Buyers and Sellers together at Moderate Cost

Auctioneer School

MISSOURI AUCTION SCHOOL, largest in world, Trenton, Mo., Kansas City, Mo.; Oklahoma, Okla.

Dogs and Pets

FOR SALE—Coach and Collie dogs and winter wheat seed. Particulars for stamp. Wood Bros., Glen Haven, Wis.

Farm Lands For Sale

ARKANSAS FARMS—Fertile land, ideal climate, $8 to $15 an acre. Large list and Homeseeker's Guide mailed free. State map 15c. Ross-Moore, Searcy, Ark.

BOOK 500 FARMS, etc., everywhere, for exchange. Send description of yours. Graham Bros., Eldorado, Kan.

GOOD STOCK AND GRAIN farm with improvements. Full particulars from owner. John B. Doyle, Alanthus, Va.

Farms Wanted

FARM WANTED—We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL YOUR PROPERTY write Northwestern Business Agency, Minneapolis.

Flour and Feed

FLOUR AND FEED—Buy your flour and feed in mixed cars. Delivered quotations on request. Consumers Milling Co., Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

RICE—New crop, 100 pounds beautiful, clean, white table rice, in double sacks; freight prepaid to your railroad station for $3.85. J. E. Cabaniss, Rice Farmer, Box 26, Katy, Tex.

Help Wanted—Male

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A-839. No obligation. Earl Hopkins, Washington, D. C.

500 MEN 20 to 40 YEARS old wanted at once for Electric Railway Motormen and Conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Box 35, care of Up-to-Date Farming.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L511, Marden Building, Washington, D. C.

YOU ARE WANTED for Government position; $80.00 month; send postal for list of positions open. Franklin Institute, Dep't N-27, Rochester, N. Y.

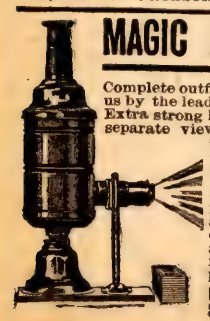
Patent Attorneys

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PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Miscellaneous

FREE—"INVESTING FOR PROFIT" Magazine. Send your name and I will mail you this magazine absolutely free. Before you invest a dollar anywhere, get this magazine. It is worth $10 a copy to any man who intends to invest $5.00 or more per month. Tells you how $1,000 can grow to $22,000. How to judge different classes of investments, the real power of your money. This magazine six months free if you write today. H. L. Barber, Publisher, 452, 20 W. Jackson Boulevard, Chicago.



MAGIC LANTERN FREE

Complete outfit of the latest design, made for us by the leading European manufacturers. Extra strong lenses, beautifully finished, 60 separate views, sent prepaid. Any young person may make a nice sum of money giving home entertainments. Send no money. Just send your name and address today on a postal, say you want a Magic Lantern free and we will send you our great combination offer and 10 packages of beautiful post cards for 10 of your friends. An extra prize for promptness.

R. L. BLAGG, 325 Factory St., Springfield, Ohio

Va., also wants a carload of oats straw. Parties having it please offer.

Q. *I like the Equity System of Marketing plan but a difficulty presents itself. Wheat, oats and corn are the chief crops here. Now how is a local union to load and ship such grain without first having an elevator with dump, scales, etc., and a sheller for corn? How can the system be made immediately available here?—Cecil Hughes, Moultrie Co., Ill.*

A. Organize your union. Get all the farmers in or a large number of them. Then you will be in *control* of the grain as you already own it. When that day comes the elevator manager will make satisfactory terms with you for the use of the elevator, or will sell to your union at a fair price. An elevator is worth nothing if there is no grain to put through it.

If impossible to get enough members promptly to control the situation the grain can be delivered direct to the car, shipping corn in the ear. This is a matter that, where there is a will a way can be found. Farmers may need to meet and solve some pretty knotty problems before the new system is working smoothly. But they will not get any less complex by delay.

Q. *Our local will have a great quantity of potatoes to ship and we must arrange for packages. Therefore can you give us the addresses of makers of potato barrels, boxes, etc.—J. E. Baxter, Otsego Co., N. Y.*

A. The following are names of manufacturers of potato, fruit and vegetable shipping barrels, boxes, crates, etc:

H. V. Bostwick, Ithaca, N. Y.; Grand Rapids Stave Co., Grand Rapids, Mich; Augustus Taylor, Lunenburg, Mass.; Buckley & Douglas Lumber Co., Manistee, Mich.; Anderson Tully Co., Benton Harbor, Mich.; L. H. Baldwin, 40 Prince St., New York City; Berlin Fruit Box Co., Berlin Heights, O.; Chas. G. Butts & Co., North Tonawanda, N. Y.; E. B. Estes & Sons, 45 John St., New York City; Saginaw Basket Co., Saginaw, W. S., Mich.; E. J. Vance Box Co., Ltd., Bay City, Mich.

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

50 Per Cent. Saved Equals 30 Per Cent. Increase in Wages

DEAR EDITOR:

It is quite true, that if you can reduce the cost of living 25 per cent to 50 per cent. it will be a practical increase in wages, although not in the same proportion that you would decrease the cost of living. I am assuming, of course, that by the cost of living, that you refer simply to the necessities of life. I should say roughly, that if you reduce the cost of living 50 per cent. for example, it would be equal to an increase of wages of about 30 per cent. in a normal man's expenditure. This would vary quite a good deal in different cases.

I thank you for sending me the marked copy of Up-to-Date Farming.—Rev. Charles Stelzle, 156 Fifth Ave., New York City.

Covered the Entire Stiuation

MR. J. A. EVERITT, Pres.:

I read your "Open Letter to President Taft," and also your address on reciprocity, all of which are very interesting to me.

It seems to me that you have practically covered the entire situation. I am inclined to believe from my experience in the wheat business, which has extended from 1882 to the present time, that wheat is selling at least ten cents lower than it would be were it not for the fear of the reciprocity with Canada. In other words, the farmers are losing ten cents per bushel on the mere prospect of having Canadian wheat come in free of duty. With the short crop of nearly everything the farmer raises, including wheat, prices are nearly ten cents lower on the bushel than last year, and there is no reason why wheat should be that much lower, except for the reason advanced above.—M. L. Moffit, Vice Pres. Hubbard & Moffit Commission Co., St. Louis.

Consumers' Leagues Will Help Organizing

DEAR EDITOR:

I have just finished reading your report of the Committee on the Hight Cost of Living and think the plan to organize Consumers' Leagues is all right. If the consumers will organize first, then the farmer will see his place to sell.

Several months ago I got a report of a Housekeepers' Association that was organized in Pittsburg. I tried to locate them but failed. The plan was to buy direct from the farmers and cut down the price of living. I thought it would be a good plan to have such a league organized at all towns where the farmers are organizing nearby. This would give local unions of the Farmers Society of Equity a market for eggs, butter, milk, vegetables, apples, etc., and their own prices set in their local unions would prevail. It would benefit both the producers and the consumers. It would also help the organizing work.—Mrs. Jas. Howey, Charlevoix Co., Mich.

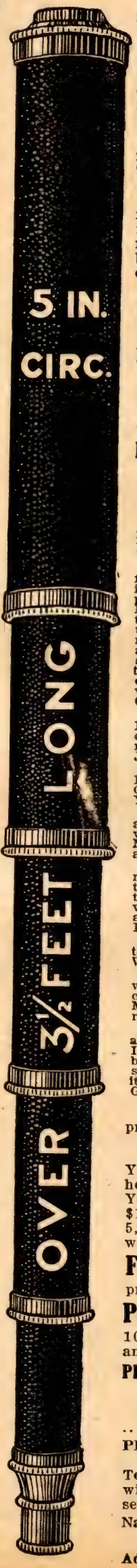
A Long Time

The dispute was over an auger. "Do you swear that you know this auger," asked the lawyer.

"Yes, sir," answered the witness.

"That auger? I've known it ever since it was a gimlet.

To Introduce Our Big New Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—.O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there. —Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

.....

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.

Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

From the factory to you

Save Money in Buying Your
Storm Proof Wagon



Direct from the factory

Here is a wagon with which to do your marketing and light hauling in perfect comfort regardless of the weather. With the

COZY WAGON

you need not worry about the sudden showers, the heavy rain storms, the cold winds of winter. In thirty seconds, without leaving your seat, with three, simple one-hand movements you can change the Cozy Wagon from an open, pleasant-weather vehicle, to a closed, wind-proof, water-tight cab.

There is plenty of room inside—not stuffy and close, because fresh air is supplied without draught by a special ventilating system. There are windows on all sides, so you see in every direction, just as though the wagon were open.

Thirty days' free trial

We are so convinced that this vehicle will be satisfactory to every farmer, that we agree to send it for a free 30-day trial. You can ship it back at our expense if it is not entirely satisfactory.

Write to-day for descriptive folder, giving factory-to-buyer prices. We will also send you—FREE—our big catalog showing 16 different styles of storm-proof Cozy Cab buggies. Write to-day. Address

The Fouts & Hunter Carriage Mfg. Co.
Dept. DF4 Terre Haute, Ind.
Use this coupon for the Special Folder

Send Cozy Wagon folder and catalog of Cozy Cab buggies to

Name.....

Town.....

R. F. D. No..... State.....

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SELF RAISING GATE

is the result of 15 years successful gate making.

Expert gate builders and high grade materials are combined to make the PEERLESS gate right.

Big, extra size frames; filled with the famous Peerless all No. 9 wire fencing, crossbars 6 inches apart. Self-raising, no dragging over snow, ice, rubbish or grass—it lifts itself.

But this is not enough; we are now installing, at enormous expense, equipment to galvanize our gates. Every part will be

HEAVILY GALVANIZED

will be rust proof, will look better and last longer than a painted gate, without raising the cost to the user.

Your dealer can get Peerless Gates. If he will not—write to us.

Peerless Wire Fence Co. 229 Mich. St. ADRIAN, MICH.

KITSELMAN FENCE



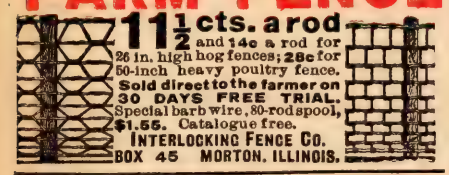
Sold direct to you at factory prices on **30 days trial.** Save the dealers profit. Farm, Hog and Poultry Fence at from

11½ CENTS A ROD UP.

All wires are heavily galvanized 80 rod spool of Ideal galvanized **Barbed Wire $1.55.** Write today for large free Catalogue showing 75 different styles and heights of fencing.

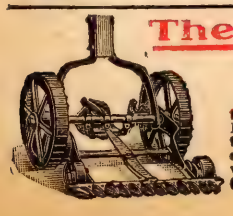
Box 289 **KITSELMAN BROS. MUNCIE, IND.**

FARM FENCE



11½ cts. a rod and 14c a rod for 26 in. high hog fences; 28c for 50-inch heavy poultry fence. **Sold direct to the farmer on 30 DAYS FREE TRIAL.** Special barb wire, 80-rod spool, **$1.55.** Catalogue free.

INTERLOCKING FENCE CO.
BOX 45 MORTON, ILLINOIS.



The CLIPPER

There are three things that destroy your lawns: Dandelions, Buck Plantain and Crab Grass. In one season the Clipper will drive them all out.

Clipper Lawn Mower Co., Dixon, Illinois.



RED WAVE

New Smooth Headed Wheat ---King of the Wheat Field

(Late sowing lessens danger from Fly, as early sown affords place to breed in the fall. On latitude of Indianapolis sow until October 10th. Farther South can sow later.)

The average yield of wheat in the United States for a number of years has been only 12 to 14 bushels per acre. To make this low average, probably half the growers had a yield below the average, while the other half had a yield above the average. It is an established fact that 60 bushels of wheat have been raised on an acre of ground.

What yield do you get? Are you striving to get the maximum yields? Are you getting such yields as our customers of former years report below? This is a matter that concerns every farmer and his pocketbook.

It is the poorest kind of economy to sow runout varieties of wheat. Every variety runs out—dies—in time, just like people do. The wise farmer will watch when that time comes and will not continue growing a variety after it is in its decline. There is no better way to determine this than to sow the new, vigorous Red Wave, with new blood, alongside of your old kinds. In this way, an occasional small investment will keep any farmer up-to-date with the best grain and it will mean hundreds and thousands of dollars extra profit each year with no more work. We claim our seed wheat is not an expense, but an investment.

When you sow our well-graded and cleaned seed wheat do not count its cost as all cost. You save the value of your own wheat, which you would have used. Our kind requires only 1 1-4 bushels per acre—yours 1 1-2 to 2 bushels per acre. Besides, to extra clean yours costs time and wheat cleaned out. In fact, it costs very little more, if any, to sow our new, hardy sorts, and the extra yield will return many more bushels per acre.

When offering Red Wave wheat for the first time two years ago, we predicted that it would be one of the most popular rough and ready sorts in cultivation. We meant that it possessed so much natural vigor that it would withstand hard seasons, bad usage and on even indifferent ground make surprising yields. Our prediction has been verified and wherever it was grown it is taking wheat growers by storm.

On hundreds of farms is yielded 10 to 20 bushels more per acre than other varieties. When the increased yield is considered it really is one of the best investments a farmer can make to get seed of the Red Wave. But then there is the satisfaction of growing such a reliable wheat, the profit in selling it for seed and the benefit to the community.

Red Wave is a cross between Early Red Clawson and an unnamed cross breed of Russian wheat. It has a very long, smooth head; grains medium long, large, firm, amber color as harvest approaches, strong and stands medium to tall, has thick walls, clean, golden color, very strong in gluten; the straw grows up splendidly.

In our 30 years' experience in growing and introducing new improved wheat, we have not had one we could recommend more unreservedly to winter wheat growers than Red Wave.



Section of a field of Red Wave on farm near Indianapolis. The man in the picture is manager of O. K. Seed Store. His height, to the top of his hat is six feet three-quarters inches. This illustration is an exact reproduction from the photograph.

NORTH CAROLINA
100 Bushels From 1 Bag

I bought one bag of Red Wave seed wheat (2 1-2 bu.) have just threshed 100 bu. of fine wheat from it. It is better than any other wheat I have seen.—J. E. G., Rowan Co., N. C.

The Top Bushels are Profit

Strive for the top bushels. It costs so much for seed, cultivating and harvesting, whether you raise 15 bushels per acre or 40. Good, vigorous seed will increase your yield. Costs very little, if any, more than your own seed. Every added bushel means extra profit for you. Begin to make more this year with the help of our improved seed wheat.

Read These Reports From the Field

We glean these reports from letters from customers. We do not give full name and address as that would advertise our customers seed to the detriment of our own business. Every reprint is from a bona-fide letter on file in our office.

INDIANA—Farmers Coming to See Wheat

Red Wave has done remarkably well for us. It started out more vigorously last fall, grew uniform all along the season, withstood the hard winter much better than any others, and in the spring stooled better than any other variety. It has longer, better filled heads than any other we have seen. We have grown wheat for many years, but we never had a variety which has attracted as much attention and elicited as much favorable comment as the Red Wave. Farmers from all sides are coming to see the wheat.—J. B. C. & Son, Decatur Co., Ind.

CONNECTICUT—50 Bushels or More an Acre

Red Wave is by far the finest I ever saw. I have selected heads that measure 5 1-2 to 6 inches long, firm, compact and full of plump grains. The parts of the field where the land is good I estimate will yield 50 bushels or more per acre.—L. S., Hartford Co., Conn.

OHIO—45 to 50 Bushels Per Acre

Red Wave Wheat is simply all right. It is not threshed yet, but it is sure to make 45 to 50 bushels per acre. It can't be beat.—W. S., Montgomery Co., O.

MISSOURI—Heads 5 to 6 Inches Long

My Red Wave is one of the best varieties I ever grew compared with other kinds. It is not threshed yet but will make 35 to 40 bushels to the acre. It grows strong in straw, and has long heads that measure 5 to 6 inches long.—Wm. H. S., Jefferson Co., Mo.

ILLINOIS—50 1-2 and 55 Bushels Per Acre

I sowed 30 bushels of Red Wave on 19 acres and threshed 1009 bushels, one-half the field averaged 50 1-2 bushels and the other half, which I fertilized, averaged 55 bushels per acre. The wheat is the finest I ever raised and tests 62 pounds. Just before cutting many people in the neighborhood called to see it and they all pronounced it the finest field they ever saw.—J. H. C., Morgan Co., Ill.

PENNSYLVANIA—Ahead of All Others

I sowed Red Wave wheat late but it has excelled everything in this part of the state in hardiness, vigorous growth, strength of straw, length of head and will easily yield one-fourth more than any other sort around here.—Geo. W., Indiana Co., Pa.

HOW TO ORDER Send remittance with order, or we will ship to responsible parties payable on arrival and subject to examination if one-fourth is sent to guarantee good faith.

Every reader of this paper can, with care and good seed, raise crops like those reported above. We refer to any bank or business house in Indianapolis. Central location. Low freight rates. Prompt shipments. Circulars free

PRICE OF RED WAVE WHEAT

By mail postpaid, 1 lb. 25 cents; 4 lbs, 75c. By freight or express, not prepaid, ¼ bu. $1.00; ½ bu. $1.50; 1 bu. $2.50; 1 bag (2½ bu.) $5.50; 2 bags (5 bu.), $10.00. More than 5 bushels at $2.00 per bushel. We do not charge extra for bags.

O. K. SEED STORE DEPT. A. INDIANAPOLIS, IND.

Pass This Paper to Your Neighbor—Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

OFFICIAL PAPER OF THE FARMERS SOCIETY OF EQUITY

Volume XIV | OCTOBER 1, 1911 | Number 19

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Up-to-Date Farming

PUBLISHED TWICE A MONTH
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J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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A Foreign Nation Compels Protection to Agriculture When Our Own Government Refuses It



J. A. EVERITT, Editor of This Paper and President of Farmers Society of Equity.

The United States does not need boundless new territory to produce food for its population, but it does need protection to agriculture when production will keep pace with population, even to 500,000,000 or more, and always large surplusses to export.

The high cost of living problem can never be solved by free trade in farm products. The solution must come through a simpler, less expensive and more scientific system of marketing in which the prices and terms of handling are absolutely in the hands of the producers and consumers.

(See also Page Four.)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

See the Self Starting 1912 HUDSON "33"

NEXT year all leading automobiles are bound to be equipped with a *Self-Starter* and will have Demountable Rims. You make a mistake if you buy any car not now equipped with a *Self-Starter* and Demountable Rims.

You get these features on the HUDSON "33" now. The price complete is less than was charged for last year's model.

We have tested practically every starter thus far produced. The one your HUDSON dealer will show you is the only one Howard E. Coffin and his Board of Engineers would approve for use on the HUDSON "33".

It is the most reliable of all we have seen. It starts the motor without cranking. We left a HUDSON "33" in a cold storage room for a week. The temperature was below freezing but the motor instantly responded to the operation of the starter.

There is nothing complicated—it has only a dozen parts. It is not heavy. The weight is less than four pounds. In thousands of tests it was 98 per cent. efficient.

Do you understand what that *means?*

No more cranking. No more lame backs. No more sprained or broken arms due to "back-firing."

A *child* can start the motor of the HUDSON "33" as easily as it can push a button that rings an electric bell.

Why not choose a car with such an equipment? Next year all first-class cars will have self-starters. As usual we are again a year ahead of others. Think of the satisfaction *you* will have now with this feature of the HUDSON "33". You will confidently seat yourself at the wheel and in response to a simple operation, the motor *will* start. It will attract the admiration and envy of every automobile owner whose car must be started, in the old way, by cranking.

The *last* objection women have to driving a gasoline car is *thus* removed.

Demountable Rims Also Necessary

About the hardest, most disagreeable work about an automobile, and it usually comes in the most inconvenient places, is changing tires. Not so when you have Demountable rims. The extra inflated tire can be substituted in a few minutes for a flat tire. There is *no* labor—nothing is difficult. There is no delay.

No other type of tire rim *will be* acceptable on any dependable car in the future. Why accept a car that hasn't this equipment *now?* It makes your automobiling so *much more* satisfactory. It will make your car so much more salable if ever you wish to dispose of it.

Still Greater Reasons For Its Being a HUDSON

But there are still *other* reasons more vital why you should prefer a HUDSON "33".

The item of simplicity is important. There are 900 fewer parts than are used on the average automobile. Compare the chassis with the chassis of *other* cars. Note the *absolute* accessibility of the HUDSON "33". See how clean and free it is from rods, springs and intricate connections.

Unless you are a judge of automobile values you may not fully understand that accessibility *means* low cost of up-keep. If vital parts are placed out of easy access by the intricacies of design and construction, it means just that much *extra* trouble in making adjustments and repairs.

No car is *quieter* in operation. That comes from perfect design. It *remains* quiet through months of service. That is due to *good* workmanship. There is all the power you need for the hills that any automobile will make—all the flexibility required for any tryaffic condition and a smooth, *vibrationless* operation traffic condition and a smooth, *vibrationless* operation when they are coasting down hill. You can appreciate these conditions only by *test.* You must ride in cars of *different* makes and in the HUDSON "33" to understand what *this* means.

Costs Us $152 More Costs You Less

Instead of reducing manufacturing costs, we have *added* $152 for better materials and finer workmanship.

Yet the 1912 car sells for *less* than did the '11 of similar model and equipment.

Thousands paid $150 for the 1911 HUDSON with fore-doors, top, magneto and Prest-O-Lite tank. Almost as many more had their cars equipped with 34x4-inch tires, with demountable rims and glass windshield. This brought the price up to $1,630.

The character of the equipment is much superior to and more luxurious than that used last year. Lamps cost us a great deal more. Leather for upholstering this year costs $14.11 more per car. One set of bearings amounts to $7.35 more than did the bearings used for the same purpose last year. It takes three days longer to paint the bodies. Labor charges per car exceed last year by $36.65. We built the best car we could *then* at the price. But *we* have progressed.

Our men have greater skill. Many new refinements have been developed. They all make for a *better* car—for *longer* service—for *completeness.* They cost *us* more, but with all included, the car to *you* is less than was the 1911 model with fore-door and similar equipment.

Don't you think it *wiser* to buy a car in which quality advancement has been made rather than to choose an automobile that has not been increased in value? Think also of the *disadvantage* of owning a car designed after the practices of three years ago. Engineers have advanced far. The ideals of *that* day are practically obsolete now. The HUDSON "33" is the *one* advanced car of the past three years.

Other Great Engineers Also Helped

The 1912 HUDSON "33" is the product of Mr. Coffin, *plus* the assistance of the staff of most experienced and largest number of engineers employed by any one manufacturer. Each, a *specialist*—has had experience that others have not had. Each knows something the others do not know. These men spent months with the 1911 car. Then Mr. Coffin received their criticisms and recommendations. All was *weighed* against the combined experience and ingenuity of all members of the staff.

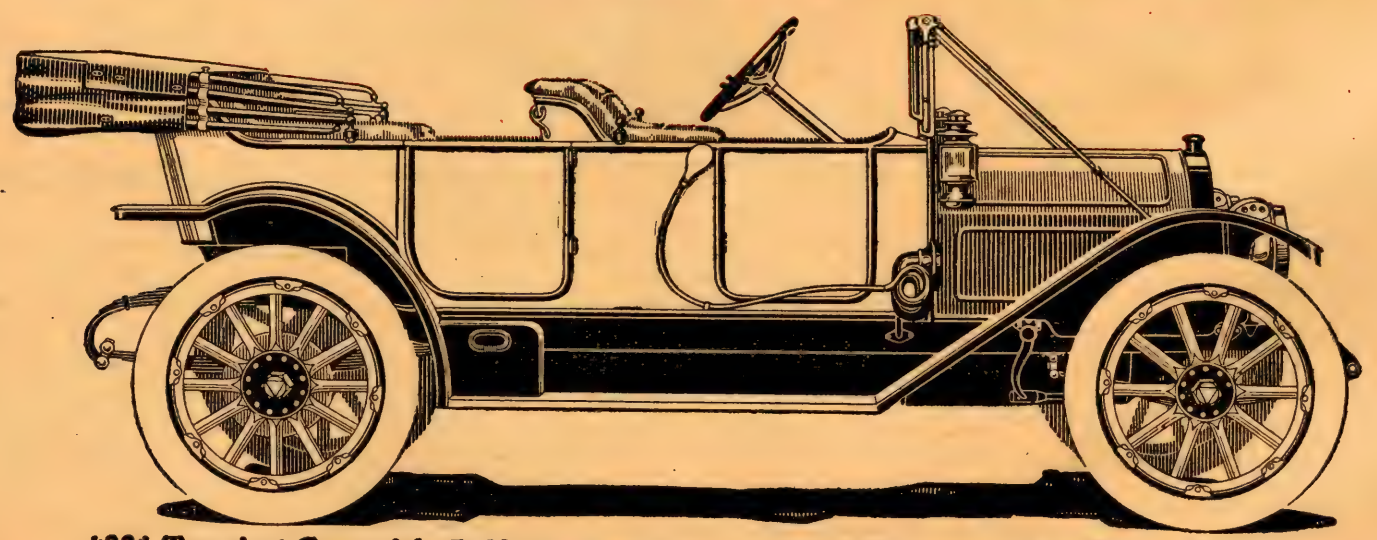
Can you imagine a more *complete* development? Nothing basic was changed. But still the '12 is different. It is the *finished* product of many men—the ablest we could get.

Don't you think it better to see the HUDSON "33" NOW.

See the Triangle on the Radiator

HUDSON MOTOR CAR COMPANY, Detroit, Mich.

7155 Jefferson Avenue



"33" Touring Car with Self-Starter, Demountable Rims and Big Tires, $1600

Models are Touring Car, Torpedo, Roadster and Mile-a-Minute Roadster. Price for all models is the same as above. Regular equipment includes Disco Self-Starter, five Demountable Rims, four 34x4-inch tires, tire irons, magneto, glass windshield, mohair top, complete lamp equipment, Prest-O-Lite tank, tools and tool box, tire repair outfit, etc.

United States-Canada Reciprocity Killed

Canada Came to the Rescue

Protection for United States Farmers Compelled Against the Will of Their Own Representatives

THE misnamed reciprocity bill that passed our Congress on July 22nd, last, was killed by the other party to the proposed agreement two months later—September 21st.

The matter was not left to the people in this country, but it was framed up by, and in the interest of some special interests and, figuratively speaking, was rammed down the people's throat.

Canada, in contrast to our government, submitted the proposition to all the people in an election on September 21st, when it was overwhelmingly defeated. So complete was the defeat that one Canadian paper commenting on the result, said: "The liberal party (the one favoring the agreement) was not only defeated, but it was destroyed."

Unquestionably the agreement would have been defeated in this country if it had been submitted to the people. It now remains to be seen what the people will do to those representatives of both our great parties, who voted for the bill, when the opportunity comes. Some of them are already solicitous as to whether the farmers will "forgive and forget." Whether they will forgive depends on the quality of repentance, but they will never forget, and it is well that they should not.

We congratulate the farmers of the United States, of Canada and the world, because now our farmers can resume price-making for themselves and this will have an elevating and steadying influence on prices of farm products all over the world.

We congratulate the manufacturers of the United States, even those who thought they wanted this agreement, to enlarge their markets in Canada, because, our home markets under prosperity of the farmers, will be multiplied much more to them than any advantage the agreement could have given them in the Canadian markets. The prospect of this law put prices of our farm produce down at least 25 per cent. This will now soon be regained. Twenty-five per cent. increase in the prices of farm crops, to the farmer, more than doubles his buying ability.

We congratulate our merchants and professional men who are vitally concerned about the prosperity of the farmers, to keep them prosperous.

We congratulate the cotton farmer in the South and the dairy farmers in the east who must buy northern and western grain and hay. It would never do to keep any section of our country down so another section could buy its produce cheaper. All our farmers **must look to what they sell for their profit.** They must sell their finished products high enough to enable them to pay fair prices for the raw material.

We congratulate every man and industry in America that subscribes to the doctrine of equity, which we preach, and believe in the square-deal policy. The Canadian election has conferred on the United States a greater favor and a more enduring blessing than any election that was ever held in our own country. Not only has Canada done this for us, but her people have displayed a wisdom that must have come of divine inspiration. Also she has given a rebuke to the originators and promoters of this selfish scheme that they will never forget.

If farmers will now get together to protect themselves, the failure of this scheme will guarantee to agriculture in America equal protection with other industries as long as ours is a protection country, which will be longer than any present person lives.

The "interests' saw what our farmers were becoming independent in their business of marketing and price-making. They could do this with the tariff to protect them from outside competition, just as our manufacturers have done for many years. That did not suit the big millers, boards of trade, speculators and exploiters, because then their reign as price-makers would end, so the attempt was made to take away all protection from the farmers and make them like putty in the hands of the interests. But it failed.

Now, with protection a fact again a definiteness can again come to our agriculture that was absent for months. Farmers should now move faster than they never did before to organize on a sound working basis, such as we have taught, and co-operate on the only practical, established and successful plan, so often explained in these columns. With ample protection the farmers can control and manage their own business with as much definiteness as the best regulated manufacturing business in the country.

This is farmers' great opportunity. They must organize. They are organizing, but the rate must be increased. Organization, such as this paper advocates, and which has proven successful, must go forward by leaps and bounds. The fires have been started in hundreds of places, but they should be started at once in thousands. Farmers can build their organization now, knowing that, with ample protection, they can be a power in themselves, independent of every other country on the globe.

It was a false alarm that this country needed Canadian land to produce food for our people. It was raised to create sentiment in favor of the agreement. What this country needs is ample protection for her farmers and they will produce enough on our own land to feed five hundred million people and immense quantities for export.

Farmers have been in a lethargic state ever since the Canadian agreement was proposed, stunned, as it were, by the blow. But they must arouse themselves now, and organize and make the tariff work for them as manufacturers have made it work for them. They can only do this through the right kind of an organization.

Following the passage of the reciprocity bill last July by our Senate, we printed the following:

> Every ounce of farm produce represents labor, labor under the most trying conditions. Yet it is proposed that farm labor shall be without a particle of protection, but in exact and equal competition with the cheapest labor in the world—the peasants of Russia, and the peons of Argentina.
>
> This law is not fair. It is not a square deal. It neither squares with the acts of honest men nor the divine law.
>
> Although beaten in the first battle we are not vanquanished and will not be until we can not fight any more. But before that time comes we hope to see the farmers organize and marching as an ever victorious army.

The fight is over and victory won. An idea of the part we took in the final campaign can be gotten by reading under the head, "What Defeated Reciprocity?" in this number.

What Defeated Reciprocity

The Farmers of Canada Did Not Respond to President Taft's Proffer of Our Markets

"HOW did it happen," is the query that was being asked in two countries after the Canadian election. In Canada both Conservatives and Liberals were astonished at the completeness of the defeat of the party that favored the reciprocity agreement. One Canadian newspaper said, "The liberal party was not only defeated, but destroyed." The result was another verification of the claim that what is left to all of the people will be decided right.

Nearly all of the newspapers of this country befogged the issue and would permit only one side to be presented in their columns. This was because of their desire for free wood pulp from Canada, which, it was hoped, would make cheaper paper. (And, to the credit of the long-headedness of the people who engineered the pulp part of the agreement, this part of the agreement is a law today. This feature did not depend on Canadian ratification.) But when the balance of the agreement was submitted to the illuminating press of Canada it soon became clear to the citizens of that country that the proposition had very little real merit and very much that was objectionable. This was particularly the case in the agricultural sections from where the supporters of the agreement hoped for so much.

Our readers know that we opposed the agreement in this country. When the battle ground was transferred to Canada we continued out fight by placing our arguments, why it would be bad for the Canadian farmers, in the Conservative newspapers. An example of our activities is shown by the following telegrams that passed between us and the leading Conservative paper in Western Canada:

TELEGRAM

Winnipeg, Man., Sept. 15, 1911.

J. A. Everitt, Pres. Farmers Society of Equity,
Indianapolis,

In your opinion would United States market prices for farm products, especially cereals, be maintained under reciprocity; Please wire answers and reasons up to five hundred words. WINNIPEG, TELEGRAM.

We immediately wired the following answer:

TELEGRAM

Indianapolis, September 16. 2:30 a. m.

Winnipeg Telegram,
Winnipeg, Canada.

Under prospective reciprocity United States wheat price is at least twenty-five cents a bushel lower than it would have been if it had not been proposed. Under actual reciprocity the price will go still lower. If Canada ratifies the agreement it will mean full world's competition in wheat, and the cheapest Argentinia, Russia and India labor will set the price. In view of unlimited wheat growing areas in the world 50 cents to 75 cents will be the world price if protection to United States farmers is removed.

The United States is full of wheat, oats and barley every year now, sumption of grain are nearly on a balance. In recent years our farmers took advantage of this and built granaries and elevators and controlled their marketing. Protection encouraged them to do this. Result, the highest prices we ever had. Another result, Canadian and European prices went up in proportion. Under reciprocity our farmers can not control the situation in our country, consequently they can not perform the former good offices for your farmers.

The Pnited States is full of wheat, oats and barley every year now. That is, we raised every bushel our people can possibly consume and some to export. Is it not true then that every bushel that comes in from Canada forces a bushel of ours out, and must it not sell at the foreign price? This is true. Then how can the bushel of grain from Canada sell for more in this country than the world's basis, which is would bring if sent to Europe direct? How can such an arrangement possibly help our farmers or the farmers of Canada? Common sense suggests that it can not. Then what is the use of sending it here at all?

The reciprocity agreement was sought in this country by special interests. Among the "interests" are our big mills and railroads. President Taft, and our congress, almost without a farmer representative, did not understand our farm problems and they permitted themselves to be deceived. For instance, under protection our farmers controlled their marketing and compelled good prices to be paid for their grain. Thus our mills were greatly handicapped. They could not compete in the world's flour markets. Therefore, they want the tariff removed and your wheat thrown into our country to break down our farmers' prices to a world's basis. Then they can sell flour, made from our wheat, in the world's markets on equal competition with millers anywhere in the world. The arrangement won't raise Canadian wheat a cent, but by breaking down the United States farmers' prices it will also pull your farmers' prices down and keep them down. All the wheat prices will then be on a European basis and that will be made by the countries that have the cheapest land and labor—Russia, India and Argentiaia.

The United States railroads want free Canadian grain so they can have long hauls to the mills and the flour to the ports of export.

It is easy to see how the mills and railroads w ill be benefited. And it is just as easy to see that your farmers can not get any benefit from this proposed deal, while our agriculture will be dealt a staggering blow from which it will not recover as long as the agreement stands. However, if Canada defeats the agreement, grain prices in this country will

(Continued on Page Twenty-Two)

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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EDITORIAL

How Farmers Could Help Themselves

THE people of the United States have a government of their own, but they are ruled through politics; that is by means of political parties. These parties live upon spoils and prejudice. Those who are not in the parties for the boodle they can reach, are in them because tradition, association, and prejudice created and fostered by designing leaders that they may be the more easily used, hold them together. The latter element is far the stronger in number, but not in power. It is the boodle element that lays the plans and sets the stakes, and then uses the lash to keep the honest but prejudiced element with them.

These leaders see to it that the latter element is kept divided. When in power their first and last consideration is to stay in power, not to specially benefit the country or the people as time and again has been proven, but to be more directly in touch with the boodle and to keep it coming their way. This will be resented by party leaders, and it may be a criticism unfair to some, but we appeal to the general affect of party action and to the record.

Of the sincere but prejudiced element of the political parties the farmers constitute by far the greater portion. If they could divest themselves of their prejudices and act together on principle instead of name, they could control the evil element and bring the government back to its former rule by the people.

That the ruling element of the parties, of both parties, has not only learned to disregard the interests of the farmers, and even to openly legislate against those interests, we need not go beyond the recent Congress to prove; and that they are determined to guard the special interests and multiply their opportunities recent acts prove beyond question.

Farmers, therefore, are entirely justifiable in taking action for themselves. Traditions are not sacred enough, and associations are not dear enough, to hold independent men from their duty, especially when that duty is so intimately connected with their own welfare. We would not urge farmers to form a political party. We do not mean that. But we would have them so overcome their prejudices as to consolidate their strength and say to the evil element, "thus far mayest thou come and no farther." Could they do that? At the last presidential election the total vote was 14,888,442. The number of farms in the United States, as reported by the last census, is 6,340,120. Allowing one voter to each farm home, the farmers have over forty per cent. of the votes of the country. This forty per cent. thrown to any side would be overwhelming, and the leaders and those in office as well as those who wish to get in, would realize that to disregard the farming classes would be to get up against the real thing. But so long as the farmers are divided and fight each other, they are helpless, and the leaders feel justified in working for those who are organized and can deliver the goods, even though in doing so they may knock out their farmer constituents.

A farm paper whose name is recognized all over the country, is of the same opinion. In a recent issue the editor said:

> The moment the six millions of farmers in this country, dropping all other issues, stand solidly for their rights and privileges, that moment will justice be done them. How long would the American farmer be compelled to wait for action so vital to his success and life if instead of being divided upon issues that only remotely concern their well being, they were unitedly insistent in demanding the things that deeply affect their prosperity?
>
> Think for a moment of what six millions of sturdy citizens mean—the backbone of their country, the very foundation of its industry, and the most potential body today in America—if united. No other nation in the world can produce such a force—such a power for righteousness and material prosperity. What a shame that this splendid strength should be frittered away piecemeal upon issues that are not worth while, and in the service of those who are not in sympathy with our aims.

"If united!" Upon those little words hang the entire proposition. Every problem before the farmers today, every problem of production, marketing or government, could be solved if the farmers were united.

Heavy Military Expenditures

THE world is at peace. Not a war is waging anywhere. Beyond a little turbulence in Mexico and a few of the island governments, there is not a shadow of strife that could lead to bloodshed. Besides, the great nations are pledging themselves to perpetual peace. Treaties are being written and agreed to that all future national disturbances shall be settled by arbitration, with no resort to arms.

Yet the estimates made by our recent Congress for the support of the United States army for the next fiscal year amount to $94,210,400! There is an increase in the expenditure for field artillery. The chief of staff says we haven't got cannon enough. There is no danger of war. The nations all promise to be good. But we must have some more big guns.

The above does not include the expenditures for the navy. We must continue to disturb the water with our great battleships, and millions of our money must be poured out through them into the ocean. Still there is no danger of war, and nobody wants to fight.

How is this war excitement kept up? Why are the papers kept full of pleadings for increased army and navy equipment; and why is Congress so taken up with that idea that it is easier to pass an army and navy appropriation than any other measure? And did any one ever hear of Mr. Taft vetoing a military appropriation bill? It would be interesting to know just where this sentiment comes from. One of our northwestern exchanges that was terribly provoked at the arbitrary way in which all government protection was taken from farm products by means of Taft's reciprocity measure, pried up the cover and, peeping under, saw some things. Here is what the editor says about it:

> There is a war trust that makes its millions solely from equipping nations for war—and it matters not which nation comes to buy, friend or foe, it is all the same to them. They have cannon, powder, steel plate, and equipment to sell, and they play the game so as to keep alive a war scare so nations will vie with one another in building battleships and fortifications.

A war trust! Manufacturers of war material and supplies, and the things that enter into the construction of battleships and their equipment! Of course there must be war talk or this stuff won't sell. In spite of all the peace confabs and conferences and treaties and proclamations, the people of the nations must be scared. We often wondered why the war talk was so much more affective than the peace talk. Even Congress talked peace but voted war supplies. The President vetoed tax relief measures, but he signed bills appropriating big millions of tax money to buy "war fixin's."

It is easy to understand it when we look at it right. Men talk for peace, but when it comes to buying army things money talks. "There is a war trust," whose business it is to sell war things to the nations. A man may have no use for it, and he may not know how to use it after he gets it, but when he gets scared he wants a gun. This trust has their agents in all governments. They don't now argue that there is to be war. That would not be popular and the nations would diplomatically deny it. So they sit on the peace fence and sing, "The best way to have peace is to be prepared for war!" That is the song we hear now all the time, and it means that the governments must continue to spend their people's money to buy the trust's war material. It does not matter whether the material is good or bad, whether it is worth anything or not, for it will never be tried only in a little practice for appearance sake.

Who does most of the paying for this stuff in the United States? The farmers, of course, for farmers can not escape the payment of taxes, whether direct or indirect; and yet they have less use for this material than any other class on earth.

Just a word more. Are these great and expensive armies and navies a benefit to the nations that keep them? The financial standing of a nation is known by its credit. Belgium's three per cent. bonds are worth in the markets ninety-six cents on the dollar. Germany's three per cent. bonds are worth eighty-two cents on the dollar. Belgium has no army; Germany has two million soldiers and a big navy. Norway's three and a half per cent. bonds are quoted at one hundred and two cents on the dollar. Russia's three and a half per cent. bonds are quoted at eighty-one cents on the dollar. Norway has neither army nor navy; Russia has an army of four million soldiers and one of the greatest navies of the world. This ought to be sufficient.

Farming Needs the Support of Organizatization

THE favored interests base much of their argument for the curbing of farm prosperity on the figures made by the census bureau to show the increase in the value of farm property during the past ten years, and we suppose that had no little influence in causing President Taft to demand that all tariff protection must be taken from farm products.

But it should be understood that these alleged farm values are only comparative. All values have been forced to a higher plane by the combinations and trusts, and farm values were compelled to go with them. These values in the case of farmers can scarcely be called available assests, for the farms are not for sale, and therefore are not usable dollars. A farmer whose farm is now worth $50 or $100 an acre may have no more ready money than he had when the same farm was quoted at less than half as much. But he has greater values on which to pay taxes, and in that way heavier drafts are made upon him.

In thousands of other ways farmers suffer because of the individualism in their methods of business. There are about seven million farmers in the United States, and each of these does business in his own way. He farms and sells and buys with no regard to what the others of his class are doing. There is no concert of action, and the only wonder is that he is not skinned worse than he is. No other calling could live and do business in that way. Those of every other calling work in harmony. There is a uniform plan and each works to it.

That is why we say so emphatically that farming needs the support of organization. If the farmers were organized as the manufacturers are, as the transportation business is, as the traders and commercial people are, or even as the professions are, farming would immediately become the greatest and best business on earth. We have argued this before, and we expect to argue it still. We have also presented the plan and given the opportunity, and we are still doing so. Once more we appeal to farmers to read, and study, and act.

THE MAN WITH THE "DOUGH"



Under Protection

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago	$1.25
WHEAT—No. 2 Northern Spring, at Minneapolis	1.30
OATS—No. 2 White, at Chicago	.55
BARLEY—Good malting, at Chicago	1.00
RYE—At Chicago	1.50
HAY—Choice Timothy, at Chicago, ton	$22.00@$24.00
POTATOES—Choice, at Chicago	.85
COTTON—New crop, to the grower	.13
BROOMCORN—Choice Illinois, at Chicago, ton	$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton	125.00@150.00
CATTLE—Good to choice, Steers, at Indianapolis	$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis	7.00@7.50
HOGS—Good to choice, lights and mediums	6.50@7.00

1910 CROPS

CORN—No. 2 White, at Chicago	$ .65
BUCKWHEAT—At home market	.85
BEANS—At Chicago	2.50

Advice

Hold all crops that are not selling at the minimum prices or above. Market only while the price will be paid. Watch the market and this department and stop as soon as the price declines below the Minimums. Old readers know that it pays to act on our advice.

THIS number is largely given to the final chapter in the great reciprocity swindle. Every farmer should do a little figuring for his own satisfaction and try to figure out how much the fizzle cost him. When he makes his figures, then let him compare them with the cost of an organization to protect him from every unjust attack on his business in the future. And the organization that will protect his interests will also promote them when he sells his crops, buys his supplies and in every business transaction of whatever nature.



Don't Let False Teachers Shut Out the Light of Prosperity.

September weather has generally been favorable to crops, except that there was too much rain some places and wheat sowing was delayed. This may, however, be an advantage. The tendency is to sow wheat later, as the best preventive of the fly. The Canadian decision will cause farmers to sow more wheat than if reciprocity would have become a fact.

All grain markets are strong and we look for some rapid advances. Potatoes are weak, the natural result of the main crop coming in and dumping. Our report shows that the receipts at Chicago were nearly twice as many as during the same period last year when the crop was much larger. The price has reached a point now where we expect the shipping will slacken.

The market figures are very interesting this time and worth careful study.

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on September 16, 1911, with comparisons, are shown in the following table: (The sign — before the figures means decrease, X means increase.)

	Sept. 16, 1911 Bushels	Change from 2 wks. before Bushels	Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
WHEAT	57,591,000	X 3,989,000	X 16,985,000	X 37,739,000	X 4,833,000
CORN	8,625,000	X 316,000	X 1,356,000	X 4,003,000	X 1,740,000
OATS	26,773,000	X 1,544,000	— 3,060,000	X 10,506,000	X 7,591,000
BARLEY	3,315,000	X 1,835,000	X 1,543,000	— 545,000	X 643,000

As Canadian grain has no more interest for our farmers now, than grain in other foreign countries, we will not continue to give the visible supplies of that country.

Closing Prices of Cash Grain

Cash grain closed in the leading markets on September 23, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

	Sep. 23	2 wks. before	A Yr. before
Chicago	..95¾@96¾	92¾@93½	.98
St. Louis	.97½@98	92 @92½	1.02
Kan. City	96 @96½		1.00
Cincinnati	96 @97	92½@94	1.02
New York	99¾@101	99½	1.04

Minneapolis—No. 1 hard spring $1.12¼; No. 1 northern, $1.10@1.11¾. Two weeks before, $1.07¾ and $1.05@1.06¾ respectively. A year before, $1.12 and $1.12 respectively.

CORN, No. 2, WHITE

Chicago	....68½@68¾	66½@66¾	54½
St. Louis	... 69½	66	56
Kan. City	.. 67		54
Cincinnati	..70½@71	68 @68½	56
New York	..74½@75	74 @74½	61½

OATS, No. 2, WHITE

Chicago	....47 @48	44¾@45½	35
St. Louis	... 47½	45 @45½	35½
Kan. City	..46½@47½		34½
Cincinnati	.. 47½	45½@46	36
New York	..52 @52½	49 @49½	40½

Future Grain Prices

Chicago grain futures closed September 23, 1911, and two weeks before as follows:

WHEAT—September, 95⅞c; December, 99⅜c; May, $1.05⅜. Two weeks before, 93⅜c, 97⅜c and $1.03¼ respectively.

CORN—September, 68¾c; December, 64¼c; May, 66¼c. Two weeks before, 66½c, 64¼c and 66½ respectively.

OATS—September, 45¾c; December, 47⅜c; May, 50c. Two weeks before, 43½c, 66¼c and 48⅞c respectively.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	July 28, 1911	July 21 1911	July 29, 1910
American	1,011,944	842,967	831,079
Other kinds	686,000	728,000	619,000
Total	1,697,944	1,570,967	1,450,079

Price, New York Sept, 23.—Middling uplands, 10.85c; middling gulf, 11.10c. The price is 15c per cwt. lower than two weeks before.

Live Stock

Indianapolis Market, Sept. 23, 1911

CATTLE— Good to choice steers, 1300 lbs. and upward ..... $7.00@7.75
Good to choice, 900 to 1100 lbs $5.50@6.25
The price is practically the same as two weeks before.

HOGS—Best heavies, 210 lbs and upwards ..... $7.05@7.20
Good to choice lights, 160 to 180 lbs ..... $7.00@7.10
The price is about 40c a cwt. lower than two weeks before.

Chicago Produce Market

September 23, 1911

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—Arrivals by cars, with comparisons, follow:

	This wk.	Last wk.	Last Yr.
Monday	127	69	70
Tuesday	94	26	73
Wednesday	83	42	48
Thursday	49	18	38
Friday	125	44	37
Saturday	94	88	38
Total, 6 days	572	287	304

Market weak. At the reduced prices there was a fair trade. On account of the Jewish holiday the demand was somewhat restricted. What business was done was in Wisconsins over a range of 57c to 65c. Most of the stock is coming green. Receipts were heavy and there were liberal offerings.

Sales reported were: Wisconsins—1 car at 57c, 1 car at 58c, 4 cars (1 sacked) at 60c, 1 car bulk and 1 car sacked at 62c, 3 cars bulk at 63c, 1 car bulk round white and 1 car round white in sacks at 65c.

The market was quotable as follows:

Sacks or bulk, per bu., Minnesota, Red River Ohios	$ .73@ .75
Wisconsin, Burbanks or Rurals, as to quality	.57@ .65
If fine and ripe they would possibly sell higher.	
Michigans, Northern, as to quality	.57@ .65
If fine and ripe they would possibly sell higher.	
Main Cobblers	.70@ .75

The price is fully 25c a bushel lower than two weeks before and nearly 10c a bushel lower than a year before.

HAY—Demand good and offerings small. Market firm.

Choice Timothy Hay	$22.00@23.00
No. 1 Timothy	20.50@21.50
No. 2 Timothy	18.50@19.50
No. 3 Timothy	14.00@16.50
Kansas and Oklahoma Prairie, choice	16.00@16.50

The price of choice timothy is 50c to $1.00 higher than two weeks before; other timothy $1.50 to $2.00 higher and Prairie unchanged.

STRAW—Rye straw quotable at $8.50@9.00. Oat straw at $7.00@7.50. Wheat straw at $5.00@5.50.

Rye and Wheat straw are 50c a ton lower, Oat straw unchanged from two weeks before.

BEANS—There continues a quiet market. Demand has remained small. Stocks also light. A steady to firm feeling has been quoted.

Pea Beans—	
Hand-picked, choice	$2.23@2.28
Good but not strictly hand-picked	2.17@2.21
Mediums nominally about the same as Pea beans.	
Red Kidneys, depending on quality	2.75@3.00

The price is 10 to 15 cents higher than two weeks before on Pea beans; others unchanged.

BROOM CORN—Old corn about cleaned up and no new as yet coming.

From Hugh E. Thompson, Equity System representative, 1412 Liberty street, Kansas City, Mo., we have this:

The market on broom corn at present seems to be very much excited and extremely high prices are being paid in some instances. I can quote $140.00 for choice, green, self-working hurl, f. o. b. Kansas City. This would be the top price at present. The price on lower grades depends on quality. Sound, self-working, even if off color, will bring $80.00 at this time.

EGGS—Fine, fresh eggs are in demand. Some storage eggs are being taken out and this cuts some on fresh eggs. Receipts are good and no scarcity is felt.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned—Eggs which will not grade—14½@17½c, depending on quality.

Ordinary Firsts quotable at 17c.

"Firsts" quotably 19c per dozen.

"Prime Firsts" quoted at 20½c.

Checks or Seconds quotably 6@9c, depending on quality.

Dirties quotably 11½c per dozen, and candled stock will command a higher price.

The price is 3c to 4c higher than two weeks before.

(In the September 15th issue we gave the name of the Organized Producers Company, New York, as wanting eggs. We recommend our members to withhold shipments until more is known of this company.)

APPLES—Arrivals not so plentiful and nice, sound fruit shows a steady tone. Common apples easy. As an indication of the price some standard sorts sold at following prices:

Barrels, standard size, 3 bu.—	
Maiden Blush, fine and large	$1.75@2.00
Wealthy, choice	2.00@2.25
Jonathans, No. 1	2.25@2.50
Fancy dealers' packing	3.00@
No. 2	1.00@1.50
Wolf Rivers	2.00@2.25
Green Pippins, good but small, Michigan	1.50@1.75
Fine, large, Eastern	2.00@....
Twenty-Ounce Pippin, Eastern, fine	2.00@2.50
Michigan	2.00@2.50
Common, small, or No. 2 apples, of different kinds, depending on quality, condition and kind	1.00@1.25

Small barrels are at a discount from full regulation size barrels.

The price is lower than two weeks before.

Millionairs Make Millions

When Canada killed the reciprocity swindle there were over 57,000,000 bushels of wheat and over 25,000,000 bushels of oats in the visible supplies in this country. This grain was sold by the farmers at 25 to 30 cents per bushel under value for the wheat and about 15 cents under value for the oats. The grain is largely controlled by a few millionaires. They bought it knowing that PROSPECTIVE free trade had forced the prices down nearly as low as they could go with REAL free trade. Therefore, they were practically secured against loss. But now they will not hesitate to force the prices up and reap what should have gone into the farmers' pockets. We have no respect for the gamblers and but little sympathy for the farmers who have permitted such a condition to last so long.

For the information of those farmers who held onto their wheat see our "Minimum Prices" and note that the price of wheat has been set at $1.25 a bushel.

Market No More Crops the Old Way
The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from ..... P. O. .....

R. R. ..... County ..... State .....

Are you a member of F. S. E. ..... My Shipping Station is ..... On Railroad .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.



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Rayo Driving Lamps **will not blow or jar out.**

They are smaller than other driving lamps, but have a magnifying power that throws a bright light many feet ahead, while the extra large ruby disc in the rear is readily discernible in any weather.

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In addition to Driving Lamps, the Rayo line includes lanterns of all styles, sizes and finishes—each the best of its particular kind. All are equipped with selected Rayo globes, with wicks inserted in burners ready to light.

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Deep Tilth

DEEP plowing is attracting more attention than it did in the earlier days of bringing our lands into cultivation. It has long been noted that soil becomes productive as deep as it is stirred, and this has induced many good farmers to break the ground as deep as possible in preparing to seed a crop. But whether or not that is a good plan depends upon conditions. If the breaking immediately precedes the seeding, and the seed bed is prepared in the soil just brought to the surface, the effect may not be good. The seed is then placed in the newly brought up subsoil that had not been disturbed before, and is, therefore, not well supplied with available plant food. The richer surface soil that has been frequently stirred, and through weathering has become aerated, is beyond the reach of the earlier plant roots, and the plants can not make the vigorous start that promises an abundant yield.

Had this deep breaking been done in the fall, however, giving the newly turned up subsoil the benefit of the winter weathering and aeration, and then turned again in the spring to bring up for a seed bed, the previously treated surface soil, the very best of results may be expected, and from that time on the earth will be arable to the depth of the preceding breaking. The ground may thus be turned a little deeper at each breaking until it may be brought to a producing state to an almost indefinite depth.

This problem of deep tilth is said to be well solved by a recently manufactured implement known as the Spalding Deep Tilling Machine, which is declared to be specially adapted for tilling to a depth of from eight to sixteen inches. It consists of a massive frame, composed of heavy castings, structural steel and forgings. The frame is mounted on three wheels running on chilled journals in large chilled bearings. Two twenty-four-inch steel disks are used, and these have a special beveled edge which adds greatly to their strength. The disks are set, with respect to each other, so that the front one is higher than the rear one and partly to the land side. The front disk cuts from four to eight inches of the top soil, and throws it, together with the weeds, cornstalks, manure and trash, into the bottom of the last preceding furrow. The rear disk follows in the furrow of the front disk and cuts from six to nine inches deeper, bringing up the new soil and thoroughly mixing it with the top soil, thus entirely obviating the danger of making the seed bed in the previously unturned subsoil. This form of breaking guarantees available plant food and productiveness to the full depth of the breaking and correctly solves the problem of deep tilth.

MEET AND TALK

WE DO not admire the gabbing loafer, nor the loafing gabber, and there are just such characters, persons who always talk but never say anything; but for all that, farmers are not sociable enough. They do not meet often enough. The way to understand each other is to talk with one another—to talk business, to exchange ideas and plans, and learn to work in concert. Farming would take on a different aspect and farm life would become a different proposition if farmers would work together to a common purpose.

This means a meeting place and an occasion to bring the farmers together—not for idle gossip, but for earnest and intelligent conference. We know nothing better for this purpose than a local union in the neighborhood. In these meetings there is system in the talk, purpose in the subjects, all directed by a living intelligence, and results are sure to follow.

And the ladies and young people can be there too, adding materially to the pleasure of the gatherings. Farmers that thus meet and learn to know and understand each other can not be hoodooed by those "whom they may devour." And such a neighborhood will make its impress on all the neighborhoods surrounding. Study the plans of the F. S. E.

NEGLECT OF AGRICULTURE

WHAT would you think of the ruler of a people like the Chinese, issuing, 200 years before the birth of Christ, an edict like this: "Crime begins in poverty; poverty in insufficiency of food; insufficiency of food in neglect of agriculture!" And it is said just such an edict as that was issued by a Chinese ruler at the time mentioned.

The people and authorities of the United States should take note. Of late years agriculture has not only been neglected; it has been actually discriminated against. Of course, a great show is made of doing a great deal for the farmer, but when it comes to a show-down, it ends with "expert" development, and the real things turns against him. A system of marketing is sustained and fostered which takes from him all financial control of his business, and makes him the puppet of speculation and gambling in what future prices will be, so that there can be no centainty of price either present or future. The government has adopted a system of tariff protection to save manufacturers and others from price-reducing competition, but it unblushingly takes all such protection from agricultural products, and practically invites the world to compete with the farmers of America even in supplying their own home demand.

Whatever the authorities may call it, this amounts to more than a neglect of agriculture, and it so discourages the farmers themselves that they have little incentive to push on to better things. In fact, they can not possibly know whether a crop is going to pay or not, and they, therefore, can not afford to make expenditures to build up soils or to increase production. This leads to a neglect of agriculture even by the farmers themselves, because they have no inducement to do otherwise; and a neglect of agriculture, declared the ancient peoples, lead to insufficiency of food, and that leads to poverty, and poverty leads to crime. It is time we turned a new leaf in this country.

BATTLESHIPS OR ROADS

EVERY year the American government, authorized by the Congress and the President, spends millions of dollars for building, equipping and maintaining huge battleships to traverse the waste of waters that lie between the continents. They do not build roads on the seas, but they make the great machines that plow the trackless waste. Is the necessity for all this so very great and do the people receive commensurate benefits?

Who pays for these things? The people of the United States, largely the farmers. Where do these people live? They live not on the sea, but on the land that lies between the seas. What is the government doing to help these people traverse the hills and valleys and plains that make up the land? Battleships can not float over the land and the people would have no use for them if they could; but they do need to pass from place to place, and to move loads from field to market. These roads are not made by nature, as are the pathways of the sea. Suppose the government was to spend each year as much money in making roads through the land as it spends in building and operating battleships on the sea; which would be of the greatest benefit to those who furnish the money? A well constructed road is a permanent thing, requiring only well-directed repairs to maintain it. A battleship is a source of constant expenditure—must keep a force to operate it, and another great force of idle men to "man" it. The road needs no equipment, needs no force to operate it. It merely stretches its quiet, smooth and solid surface to invite the movement of loads of valuable stuff the farmers have produced, and that are valuable only as they

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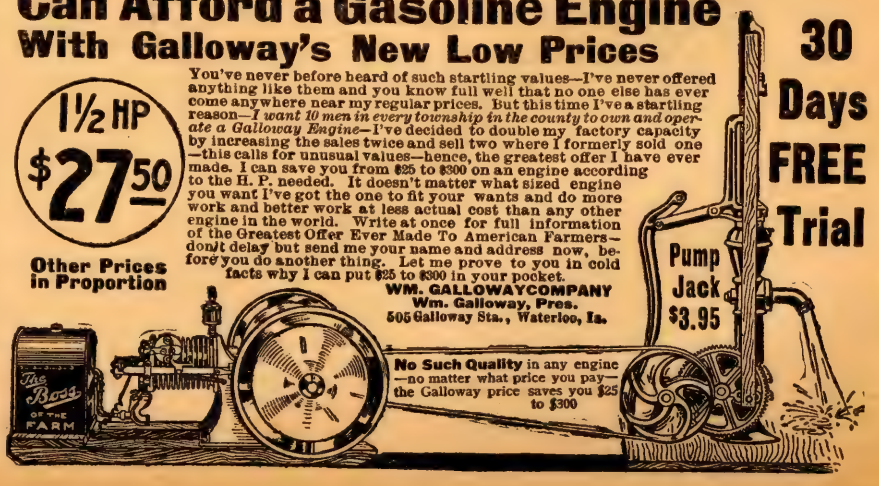
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You've never before heard of such startling values—I've never offered anything like them and you know full well that no one else has ever come anywhere near my regular prices. But this time I've a startling reason—*I want 10 men in every township in the county to own and operate a Galloway Engine*—I've decided to double my factory capacity by increasing the sales twice and sell two where I formerly sold one—this calls for unusual values—hence, the greatest offer I have ever made. I can save you from $25 to $300 on an engine according to the H. P. needed. It doesn't matter what sized engine you want I've got the one to fit your wants and do more work and better work at less actual cost than any other engine in the world. Write at once for full information of the Greatest Offer Ever Made To American Farmers—don't delay but send me your name and address now, before you do another thing. Let me prove to you in cold facts why I can put $25 to $300 in your pocket.

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No Such Quality in any engine—no matter what price you pay—the Galloway price saves you $25 to $300

are brought to where the demand calls for them.

Which shall it be, roads or battleships? What do the farmers say about it? What have they said in the past, and what will they say in the future? Will they organize so they can make what they say effective? It is far more important that the lands be made navigable than that costly battleships float upon the seas.

THE PROFESSOR AND THE FARMER

WE GLADLY concede the great good the agricultural colleges and schools have done and are doing, and the benefit many lines of scientific research is to farming. But schools and scientists are as liable to get into ruts as farmers are. Theories advanced by others may be accepted by them, and methods of research and investigation may become ridiculous. We believe a majority of our leading professors have got into just such ruts, and for that reason there is little of the practical and original in their work and teaching. Our advice to those in such schools is to learn all they can, but not to hesitate to strike out in lines not followed by the schools, and try to be original in thought, research and applica-

A practical writer in a leading publication tells of a professor in an Ohio agricultural school, who was heralded as a profound scientist and as "a leading authority on alfalfa." The farmers of a certain county, who were successfully growing alfalfa, but who secured this leading authority to come and tell them all about it. He had a splendid audience and delivered a good speech, all of which they had read in the current bulletins that had been issued on alfalfa. Among other things he declared alfalfa would only grow on rich, fertile soil, and could not be grown on thin land. A farmer in the audience had, for several years, been harvesting four to five tons of alfalfa per acre on thin, sandy Ohio land. He also emphatically asserted that alfalfa seed could not be grown in Ohio. A few farmers, he said, had raised just a little seed, but it could not be raised in Ohio, and never would be raised there in paying quantities. At that point a farmer spoke up:

"Professor, you are mistaken. Alfalfa seed can be grown in Ohio, and I know that it has been grown in this county. I see a gentleman present who has raised alfalfa seed and from whom I have purchased seed. I would like to have Mr. Romies tell us about his alfalfa seed."

Mr. Romies rose and said: "Yes, I have raised alfalfa seed in this county." "How much?" asked the professor. "Nine acres," as the reply. "Yes, but how much seed did you get?" continued the professor. "I got 60 bushels off the nine acres," answered the farmer. The writer then declares that, to his personal knowledge, many Ohio farmers are successfully and profitably growing alfalfa seed. Teachers of agriculture should go to the farms for their information, and they should not be scared when facts controvert theories, or when fields beat experimental patches.

THE "BIG" INTERESTS

BECAUSE of the monopolistic powers of the great combined interests, we speak of them as the "big" interests, and deprecate their constant grasping at the wealth of the country. But after all, farming is the real BIG interest. Standard oil, transportation, sugar refining, the steel and wire business, the tobacco combination, the packing business—these are all insignificant compared with farming. See some figures: Live stock, $136,250,858; corn, $114,844,000; wheat, $29,608,414; poultry, $45,902,655; oats, $7,500,794; vegetables, $7,087,500; apples and other fruits, $6,563,635; potatoes, $3,961,404; cotton, $3,229,000; grass seed, $737,000; rye, $121,598. And these are not all, and they all belong to the business of farming. Talk about trusts. They are playthings compared to farming.

How is it, then, that these combines exercise so great a power in the control of the business of the country. This is how; they are combined, consolidated; pool their issues; work to each others interest, and refuse to compete with one another. If the farmers were thus combined or organized, and all these great sources of wealth united and energized by a single management, as the other combinations are—well, where would the so-called "Big" interests be?



MANSON CAMPBELL
Father of the Famous Chatham System of Breeding Big Crops

Install My Chatham System on Your Farm and You'll Be Richer by Thousands of Dollars

I'll Prove This Free

Over a quarter of a million farmers are now getting RICH, because they have taken up the Chatham System of Breeding Big Crops.

Yet there are farmers who continue to handle their crops in the regular way, content to reap but half what their land might just as well be producing. *They lose as many dollars each season as they put in the bank.*

It is not because the Chatham System won't work on their farms that they are not practicing it. It is because they have never *looked into* the Chatham System. They don't understand it—how *simple*, how *inexpensive*, how *astonishingly profitable* it is.

Now, as you are among those who have not put my Chatham System to a test, I will make you this proposition:

I will install the Chatham System on your farm and bear all the expense. I will not only furnish all instructions free, but *all Equipment as well.*

No matter how *much* or what kind of land you have, what kind of *crops* you grow or how you *cultivate* them, I'll show you how your crop profits can be increased by *hundreds of dollars* and possibly by *thousands.*

I'll show you how you can do this not one season, but *every* season—how you can grow *bumper* crops when your neighbors grow *ordinary* crops and *fair* crops when they have *failures*—how you can do this without plowing one extra furrow, without hiring one extra man, without using one extra team, without spending one extra cent, save the small cost of the original equipment.

To show you all this, I am first going to send you my latest and finest book on the Chatham System of Breeding Big Crops. It pictures, diagrams and explains the Chatham System completely. It is a wonderfully interesting explanation of my Chatham System, told in story form.

Then a little later, I am going to lend you the full equipment, including my latest model Chatham Mill. I will pay the freight and everything clear to your station. You can try out the Chatham System on your farm without paying or pledging to pay one red cent.

The Chatham Mill is a *marvelous machine.* I'll tell you a little about it here.

At one operation this magic machine *grades, cleans and separates* seed grain—and at the enormous rate of 100 *bushels per HOUR!*—not merely Wheat, Oats, Barley, etc., but all *other* small grain, Grass Seed and Corn! Takes out all dust, all dirt, all weed seed, all skinny, poor grains and automatically *bags* the *fine, healthy grains.* It runs so easy a boy can operate it, yet can be hitched to a gas engine on a moment's notice.

With a Chatham Mill on your place you need *buy* no seed. Neither do you haul your seed grain to the elevator to be cleaned. You have the purest seed in the world right at home without expense, bother or trouble. Does it *pay* to plant *pure* Seed? You *bet it pays*—It's the surest way on earth *to grow bumper crops.*

The Chatham Mill pays you another big profit when market time comes. It handles grain so fast that you can clean yours before selling and get *top market* prices—no more getting docked—no more giving the grain buyer those valuable screenings which belong to you and which you can use at home for feed.

Remember, I'll Prove It Free

I don't care to argue about the wonderful success of the Chatham System. I'll just put it in on your farm free and let you be the judge of how many hundred dollars it is worth to you. All you do is write me you're interested. I'll do the rest. I'll tell you all about the System and furnish you all the Apparatus free. If that isn't fair enough, please tell me what is and I'll do that.

Dealers There are still a few localities in which we have no retail representatives, where we will be pleased to make you a good proposition on one of the fastest-selling farm machines in the world. Territory going fast. Write us today.



Write Me Today

I'd like the chance to show you how to make that good old farm of yours grow bigger crops. You don't realize how easy it is to grow hundreds of bushels more grain with no extra work or expense.

Just tell me what crops you grow, how many bushels you are getting per acre and I will show how we can beat it. I don't care how well you've done, we two will do it better. Use pencil and postal if it's handier than a letter. My 44 years' successful experience in boosting crop profits is yours merely for the asking. Let me hear from you at once. Write nearest office, Dept.P-10.

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See the Chatham Mill at your dealer's. If he hasn't it and won't get it, tell us and we will see that you are supplied.

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Its Great Advantages are: 1st—Lowest Fuel Cost; pays for itself in Fuel Saving. 2nd—Delivers Steadiest Power Stream, adapting it especially for operating farm machinery. 3rd—Easy on the machine it operates. 4th—Uses Gasoline, Kerosene or Gas. 5th—Perfect Lubrication. 6th—Starts Easily and Quickly, occupying minimum space. 7th—It is the King of Portable Engines. No engine has so wide a range of use. **YOU WILL MAKE A MISTAKE IF YOU DO NOT WRITE FOR INFORMATION.** We make 1½ to 5½ H. P. single cylinder engines; 6 to 20 H. P. two cylinder engines; 30 to 50 H. P. four cylinder engines. All Heavy duty, slow speed engines. For surety of operation and low fuel cost our engines lead.
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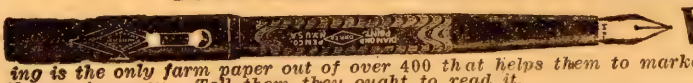


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Shipping Stock to Market

THE different states have different laws governing the shipment of stock to market, provided the shipment necessitates the passing from one state into another. Below we summarize the legal requirements for such shipments in the various states:

Alabama—Requires a health certificate on all horses, mules, swine, sheep and cattle, including tuberculin test of cattle over six months of age, and made immediately prior to shipment. Any graduate veterinarian's certificate is accepted.

Arizona—Health certificates for horses, cattle, sheep and swine. Tuberculin test is preferred for cattle. Official veterinarian's certificates only accepted.

Arkansas—Dairy and breeding cattle must be accompanied by a health certificate and tuberculin test. Only official veterinarian's certificate accepted.

California—Health certificate on all live stock given by any graduate veterinarian will be accepted.

Colorado—Cattle six months of age must be tuberculin tested by an official veterinarian.

Connecticut—Notice of shipment must be sent to commission.

Delaware—Cattle must be tuberculin tested by an official veterinarian.

Idaho—Breeding and dairy cattle must be tuberculin tested by an official veterinarian.

Illinois—Cattle must be accompanied by a certificate showing freedom from scabies. No other restrictions.

Indiana—Dairy and breeding cattle must be tuberculin tested by an official veterinarian.

Iowa—Cattle must be tuberculin tested within ninety days by any official veterinarian.

Kansas—Horses and mules must be accompanied by certificates of health. All cattle must also be accompanied by a certificate of health, including tuberculin test by an official veterinarian.

Kentucky—Cattle must be accompanied by a health certificate and tuberculin test by an official veterinarian. In addition animals are inspected by state authorities.

Louisiana—All cattle over six months of age must be tuberculin tested by a graduate veterinarian. Other live stock must be accompanied by a certificate of health. Inspections must be made twenty-four hours prior to shipment and certificates attached to waybill.

Maine—Permit must be obtained from cattle commission and cattle are held at destination for tuberculin test.

Maryland—Health certificates are required for all animals, including test of cattle by an official veterinarian.

Massachusetts—Cattle over six months of age must be tuberculin tested by federal or state authorities on arrival.

Mississippi—Health certificates on all live stock, including tuberculin test of cattle made by an official veterinarian.

Missouri—Breeding and dairy cattle must be accompanied by a certificate of tuberculin test made by an official veterinarian.

Montana—Horses and mules must be accompanied by a certificate of mallein test. All breeding or dairy cattle must be accompanied by a certificate of tuberculin test made immediately prior to shipment. Swine must have a certificate of health or certificate of vaccination. A health certificate is required on sheep. All mallein and tuberculin tests may be made by federal, state or graduate veterinarian when certificates are indorsed by the state veterinarian. All records of tests must be attached to waybills.

Nebraska—Certificates of health for all live stock and tuberculin test of dairy and breeding cattle must be made by an official veterinarian.

Nevada—Live stock must be shown to be free from contagion and infectious diseases.

New Hampshire—Cattle over six months of age must have a certificate, including tuberculin test by a graduate veterinarian, approved by the New Hampshire cattle commission. Permit of entry is then given.

New Jersey—Cows and breeding cattle must have a certificate and tuberculin test made by official veterinarian.

New Mexico—Health certificate for all live stock, together with tuberculin test of cattle by official veterinarian, is preferred. Authorities reserve the right to test if no certifcate accompanies shipment.

New York—Cattle must be tuberculin tested, the test to be made by a veterinarian appointed by the New York Department of Agriculture.

North Carolina—Cattle must be tuberculin tested by an official veterinarian. All other stock must be certified free from contagious and infectious diseases.

North Dakota—Cattle must be tuberculin tested by an official veterinarian immediately prior to entry and mallein test for horses.

Ohio—Dairy and breeding cattle must be tuberculin tested within ten days by an official veterinarian.

Oklahoma—Certificate of health for all live stock and tuberculin test of cattle made by an official or graduate veterinarian.

Oregon—Certificate of health for all animals and tuberculin test of dairy and breeding cattle made within ten days by an official veterinarian. Range cattle are allowed unrestructed entrance.

Pennsylvania—Cattle must be accompanied by a certificate of health and tuberculin test made by an official veterinarian.

South Carolina—Health certificate for all live stock and tuberculin test of cattle over six months of age within thirty days made by an official veterinarian.

Rhode Island—Permit must be obtained from the Rhode Island cattle commission.

South Dakota—Horses must be mallein tested and cattle tuberculin tested. Swine and sheep must have certificate of health. All tests must be made immediately prior to shipment by official veterinarians.

Tennessee—Certificate of health for all live stock, including tuberculin test of all dairy and meat cattle, made by an official veterinarian.

Texas—Certificate of health for all live stock, except hogs. A tuberculin test of cattle made by an official veterinarian is required.

Vermont—Cattle permit to enter must be obtained and animals are inspected at destination by Vermont officials.

Washington—All live stock must be accompanied by a certificate of health, and cattle over six months of age tuberculin tested by an official veterinarian.

Wisconsin—Health certificate for all range horses. Cattle must be tuberculin tested within six months by official veterinarian.

Wyoming—Health certificate for all animals, including tuberculin test made by official veterinarian.

Certificates of health and tuberculin tests made by federal inspectors will be received by all state authorities. These certificates are made out on official forms.

THAT'S FAIR

Wife—Am I never to have my way?
Husband—Certainly, my dear; I am not at all selfish. Whenever we agree you are to have your way. It is only when we differ that I want mine.

ABSORBINE WORTH $1,000 TO HIM

"I used ABSORBINE for puff on hock of one of my percherons and it entirely removed it; horse is clean and sound. I previously tried several remedies, got a veterinarian to treat him, but none did any good. I feared he was ruined. I want to say right here that treatment was worth $1,000 to me, and I will never be without ABSORBINE." This report was received from F. F. Foote, Sharon, Ohio. Particulars free. W. F. Young, P. D. F., 102 Temple St., Springfield, Mass.

ARE CATTLE SCARCE

PACKING house people claim that there is a shortage of fancy fat cattle, and because of that scarcity, meat prices have materially advanced. The summer's drought is given as the cause of the scarcity. Farmers were afraid to feed to a finish and shipped inferior stuff.

We are told by a St. Louis packer, however, that there is no scarcity of cattle in that market. The receipts of cattle at St. Louis between January 1 and August 1, of this year, exceeded the receipts for the same period in 1909, which made the banner record for cattle. The total receipts in all lines for seven months this year is declared to be nearly half a million head greater than ever before for the same period.

We can not say, however, that this contradicts the packer's statement quoted above, for we have no proof that this vast number was of finished stuff. It may have been largely of an inferior grade, stockmen unloading to save scarce feed. But it emphasizes the fact that there will be a future scarcity of cattle, and perhaps of hogs and sheep, thus reducing the supply and increasing the demand. Farmers should, therefore, hold to their stock, even though they may be pushed to get through the winter. It is always a mistake to fool away young stock.

It would cost you a considerable sum to buy a farm equal to your own, no matter what size it is. Now, what would it be worth to find a farm beneath yours and be able to bring it up and use it? A machine has been invented to practically do just this. For your own benefit you should know about it. Write Gale Mfg. Co., Dept. S-8, Albion, Mich., for free information.



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J. A. EVERITT, Editor, INDIANAPOLIS, IND.

Silage and Concrete

THE natural feed for animals, the one on which they do best, is green pasture. In climates subject to frost, man has made provision for animals by providing them in winter with canned green fodder called "silage." Silage is made most commonly from corn, cow peas, clover, sorghum or alfalfa, merely chopped fine and stored in large, water-tight cans known as "silos." In dry weather or in winter, when green pasture can not be had, this feed is equally good in producing a flow of milk or in putting fat on animals. One acre of a crop harvested as silage will feed twice as much stock as the same amount harvested in any other manner.

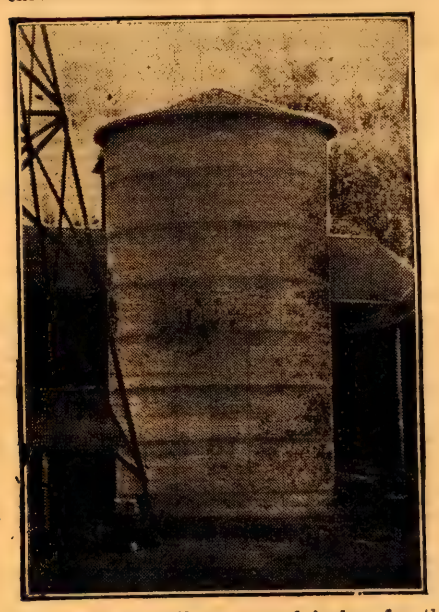
Like a glass fruit jar, a silo must be water-tight and jointless to keep silage from moulding or "dry firing." For this reason, and also because no painting or repairing is ever necessary, solid-wall concrete silos are coming into general use.

The best silos are built circular in shape. The size depends upon how many animals are to be fed daily, the quantity in pounds for each animal's daily feed, and the number of days it may be necessary to feed them. The silo should be of such size that a layer of silage at least two inches in depth will be removed each day after feeding has begun. This prevents a thin top layer from moulding. A dairy cow requires about forty pounds of silage per day. Forty pounds is also the average weight of a cubic foot of silage.

It is frequently advisable to cut down the average daily ration or to use silage together with other feeds. With this thought in mind, and especially for dry weather feeding in summer, many farmers find it best to build two silos of moderate size instead of one large structure.

Locate the silo where it will be convenient for feeding. Usually it is joined to the barn by means of a chute and passageway with doors. Since the silo and its contents are heavy, it must be built on solid ground. The bottom of the foundation should go below frost line. The silo may, with advantage, extend four to five feet into the ground. Dig the pit large enough to allow for the thickness of the circular walls and a footing two feet wide.

In order to save lumber the concrete is poured into forms which can be moved up as the concrete sets or becomes hard. These movable forms consist of two circular shells three to four feet high, so made that one fits within the other with space between for a six-inch wall. The horizontal framework consists of two-by-four-inch timbers cut to a circle, which are covered with sheet metal or wooden lagging. Each piece must be long enough to provide for a six-foot three-inch length of the circumferenee of

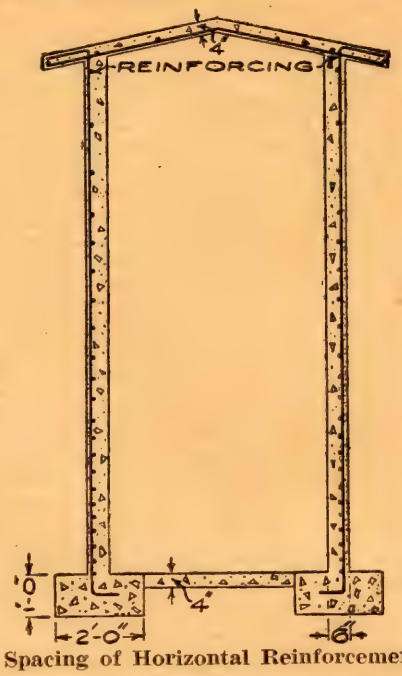


the circle as well as several inches for the lap or strap joints. The forms are raised by loosening them at the joints and setting them up again on the finished section of the silo.

Concrete silos should be rich in Portland cement and should be put into the forms mushy wet. Mix one part cement to two parts sand to four parts crushed rock. Four parts of clean pit or bank-run gravel may be used instead of the sand and rock. Measure all materials on the basis that one bag of cement equals one cubic foot.

The finished silo shown is fifteen feet in diameter (inside and thirty-six feet high, of which four feet is below ground. At odd times all of the materials were hauled, so that there would be no delay when the work was started. After the pit was dug to solid clay, the concrete footings (2 feet wide and 1 foot thick) were placed and a four-inch concrete floor was laid upon the natural clay bottom. The next day the forms were set up, the reinforcement placed and the walls begun. These forms were four feet high and were made in eight sections 6 feet three inches long.

Since silage contains so much water, steel rods are necessary as reinforcement to withstand the pressure. To get the best results this reinforcing should be placed exactly 1 1-2 inches from the outside of the silo wall. Rods 3-8-inch in diameter and ten feet long were used. The vertical rods were spaced eighteen inches apart. Measuring down from the *top of the silo*, the horizontal rods were spaced as shown in the tables below.



Spacing of Horizontal Reinforcement

The horizontal rods were carefully made into solid hoops by bending the ends so as to hook together. They were also wired to the inside of the vertical rods. (Complete plans for silos may be obtained free from any Portland cement company.) Two extra lengths were placed in the concrete one and one-half inches above the door openings for removing the silage. These openings were made by a removable form (also cut to the circle), which fitted snugly between the molds for the silo wall.

Feet distant from *top*	40—35	35—30	30—25	25—20	20—15	15—10	10—0
Spacing in Inches	6	7	8	10	12	15	18

The silo forms were filled with concrete and allowed to stand over night. The next morning they were loosened, raised and again filled. These operations were repeated daily until the side walls were finished.

With a four-inch concrete roof, the silo is entirely fire and repair-proof. The roof was built on a temporary wooden roof, which was entirely removed after three weeks. The concrete roof is cone-shaped with a rise in the center of two feet and a drip or overhang of one foot. One inch from the under side, this roof is reinforced with three-eights--inch rods laid like the spokes of a wheel and spread eighteen inches at the rim. Every other rod reached only half way to the peak of the roof. To hold the spokes in position so that the concrete could be forced between them and the temporary wood roof, one ring of three-eights-inch rods was wired to this reinforcing just over the side walls and another half way to the peak. These rods strengthen the roof greatly and must not be left out. Water-soaked weather boards were used to form the circular edge of the roof. An opening for the blower tube from the cutter was formed in the silo roof in the same manner as the doors in the side walls.

DON'T NEGLECT YOUNG STOCK

THE successful stockman or farmer never neglects his young stock. The most important factor in raising cattle especially is care of the calves. Do not think you are doing enough if you manage to keep the life in the calf until it is three months old, and then depend upon its getting fat on the grass before winter comes. It will be a stunted calf before then, and future good treatment can scarcely bring it out.

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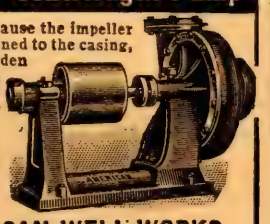
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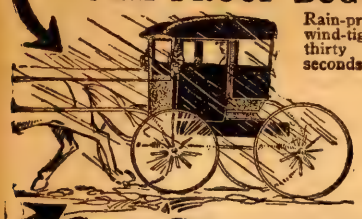
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There is plenty of room inside, with a system of ventilation providing fresh air without draft, plenty of light and a good view of the road on all sides. The Cozy Cab is a complete buggy, not an attachment. Send for free catalogue, giving factory-to-buyer prices—16 different models—$67.50 up—25 per cent less than dealer's prices. Pick out the Cozy Cab you like best and we will ship it to you for a thirty days' free trial. Write today for our complete catalogue. Dept. D F 5

Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.

KITSELMAN FENCE



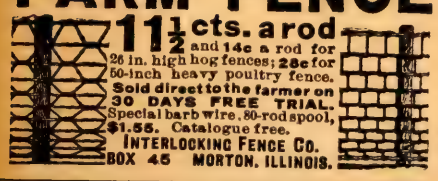
Sold direct to you at factory prices on **30 days trial.** Save the dealers profit. Farm, Hog and Poultry Fence at from

11½ CENTS A ROD UP.

All wires are heavily galvanized 80 rod spool of ideal galvanized **Barbed Wire $1.65.** Write today for large free Catalogue showing 75 different styles and heights of fencing.

Box 289 KITSELMAN BROS. MUNCIE, IND.

FARM FENCE



11½ cts. a rod and 14c a rod for 26 in. high hog fences; 28c for 50-inch heavy poultry fence. **Sold direct to the farmer on 30 DAYS FREE TRIAL.** Special barb wire, 80-rod spool, $1.55. Catalogue free.

INTERLOCKING FENCE CO. BOX 45 MORTON, ILLINOIS.

STRONGEST FENCE MADE



26-inch Hog Fence,.....15c.
47-inch Farm Fence,....23½c.
60-inch Poultry Fence.....30c.
80-rod spool Barb Wire, $1.55

Many styles and heights. Our large Free Catalog contains fence information you should have.

COILED SPRING FENCE CO. Box 88 Winchester, Ind.

INDIAN RUNNER DUCKS

BARGAINS. In order to make room for young stock, my breeders are offered from $1.00 up. Prices on White Rock and Dutch Eggs cut in half. Book Indian Runner Duck Culture A to Z. 50c.

J. B. HOWE, Poultry Judge, Fortville, Ind

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SELF RAISING GATE

is the result of 15 years successful gate making.

Expert gate builders and high grade materials are combined to make the PEERLESS gate right.

Big, extra size frames; filled with the famous Peerless all No. 9 wire fencing, crossbars 6 inches apart. Self-raising, no dragging over snow, ice, rubbish or grass—it lifts itself.

But this is not enough; we are now installing, at enormous expense, equipment to galvanize our gates. Every part will be

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will be rust proof, will look better and last longer than a painted gate, without raising the cost to the user.

Your dealer can get Peerless Gates. If he will not—write to us.

Peerless Wire Fence Co. 229 Mich. St. ADRIAN, MICH.

BOYS, PRINTING PRESS FREE

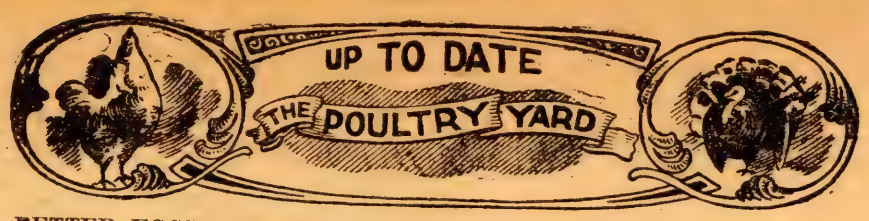
Here is your opportunity, Boys, to get a printing press all your own. This is a real press, with a side lever, self-inking, as shown in illustration. We give complete outfit of metal type, wood furniture, ink roller, ink, gold, silver, bronze, cards, etc. Chase measures 1½x2½ inside.

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UP-TO-DATE FARMING Indianapolis, Ind.



BETTER EGGS FOR USE AND MARKET

WE ARE glad to note a prevalent disposition among farmers and others to produce and to have the best of everything. It is now conceded that even the quality of eggs may be improved as well as the quantity increased. A. G. Phillips, associate in poultry husbandry of Purdue University experiment station, has issued a newspaper bulletin on this subject, from which we glean the following good points:

The egg is manufactured by the hen from the food that is consumed, hence her feeding should be carefully considered. An entire grain ration should not be relied upon, but bran, shorts, beef scraps or skim milk should be fed with the grain. There should also be green feed of some kind, and grit and oyster shells should always be in reach of the fowls. Grain should always be fed in litter so that the hens must scratch for it so as to insure them natural exercise. All this applies more to fowls that are confined to narrow quarters than to those that have the range of the farm; but it is a good showing of the natural needs of the laying hen, and even farmers must not be too sure that their hens get these things in their outdoor ranges.



The number of eggs produced, says the bulletin, depends largely upon the breed used, the ration fed, the congeniality of the surroundings, and the care given. If any of these things be omitted, the number of eggs produced will be decreased. A male bird is not necessary for the production of eggs, hence the males should be removed from the flock at the end of the breeding season. The eggs will then be infertile, and infertile eggs keep much better than fertile ones, and they are better both for use and market.

No matter what the breed, large hens, hens above the average size of the breed, are better layers than small ones. In selecting, therefore, choose the largest hens, and in culling take out the smaller ones. Larger eggs may then be expected as well as more in number. First class eggs should weigh not less than one and a half pounds to the dozen, and they should be uniform in size, naturally clean, not clean from having been washed, for washing injures them; strong shelled and fresh. A fresh egg is one that was laid by a healthy hen, is only a few days old, and has been kept in desirable surroundings. An egg that was allowed to stay in the nest for a day or two, or was taken from a newly found nest where it may have been set on, or from an incubator where it had been for a day or two, or from under a setting hen, or from a cold storage room where it may have been for weeks or months, can not be classed as a fresh egg, and it should never be offered for sale as such.

Age causes an egg to become stale and shrunken, and it never fails to tell its story when broken. Heat seriously affects the quality of eggs, and in warm weather they should be gathered daily and marketed as often as possible. Moisture causes molds to develop and quickly changes the quality of the egg. Also muddy weather means dirty nests, and consequently dirty eggs. And the nests are sometimes constructed on the sides of walls or elsewhere so that they are used as roosting places. Such nests become filthy, and the result is dirty eggs, which are sure to class as second grades. Washing makes them no better. Keeping eggs near a stove or in a damp or musty cellar reduces their quality.

Eggs that are expected to grade as first class, fresh should be marketed promptly, and if necessary to hold them at all, they should be kept in a cool, dry place—in winter where they will just escape freezing, and in summer where they will be sure to be neither warm nor damp. A dry, well ventilated cellar is the best place winter or summer.

FEEDING THE POULTRY

FEEDING poultry is always something of a problem. Never feed so that fowls can gorge themselves at any time. Make them work for it. When fed inside the building scatter the grain in a litter of fine straw or chaff upon a good floor. This makes the birds exercise to get their feed and so improve their physical condition. If you are feeding out of doors scatter the feed on dry, hard ground or in short grass. Don't put it on moist ground and don't under any circumstances leave mixed feed where it will become sour and soggy. This is disastrous for the little chickens and injurious to the older birds.

By eating decayed vegetables, etc., fowls introduce into their bodies the eggs of worms. If it is found that fowls are suffering from worms, give a small dose of turpentine made into bread pills. If they haven't worms, this will not hurt them. Give a dose of oil a few hours after giving the turpentine.—Selected.

PLOWED OR SPADED

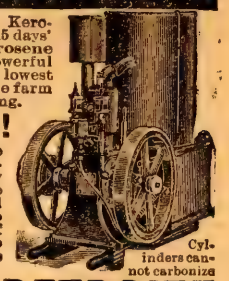
FOWLS like to work in plowed ground and they can have no better hunting ground. In the absence of ground that is plowed a portion of the yard may be spaded. This is more inportant in summer than in winter. A closely cut grass plot is an excellent run, and can not well be dispensed with; but a few rods spaded up will more than pay for the labor required. Lime scattered over the ground prevents gapes, roup and cholera, and serves excellently as a disinfectant.

PEKIN DUCKS

THE Pekin is the greatest market duck of modern times. It was first imported to America from China in 1873. For two or three years following this importation, Pekin duck eggs for hatching were difficult to secure at $10 to $30 per dozen. The Pekin today is the largest white duck in existence, exhibition specimens frequently weighing as high as ten to twelve pounds each. As a market variety it outranks all others. Without doubt there are more Pekins grown for market in America than all other varieties combined.

Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing.



Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil. Cylinders can not carbonize

Amazing "DETROIT"

The "DETROIT" is the only engine that handles coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h. p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. **Prices (stripped), $29.50 up.**

Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you **Special Extra-Low Introductory** price. Write!

Detroit Engine Works, 396 **Bellevue Ave., Detroit, Mich.**

FOR FARM SHOP HOME **ELLIS ENGINE** USE "WE PAY" THE FREIGHT

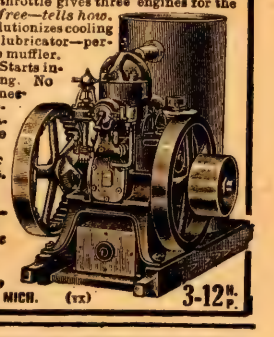
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gasoline, distillate, any fuel oil, perfectly—without change

Cheapest, Safest, Simplest

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FREE TRIAL

No obligation till satisfied. 10-year guarantee. *"Engine Facts" free write for it* NOW.

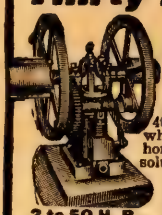
Ellis Engine Co., Mullett St., DETROIT, MICH. (vx) 3-12 H. P.

STOP! STOP! STOP!

Thirty Days Trial of United States Bonded Engine. Burns gas, gasoline, kerosene, distillate. Consider these

12 --Advantages--12

1st, Pays for itself in fuel saving in short time. 2nd, No violent vibration. 3rd, Greatly reduced bulk. 4th, Easily portable; mounted anywhere. 5th, Every engine part and horse power guaranteed. 6th, Absolutely frost proof. 7th, Positively most economical running engine made. 8th, Only engine with pulley on both sides. 9th, Small pulley on cam shaft, for very slow machines. 10th, Perfect Lubrication, cooling & ignition. 11th, Lowest cost engine in the world. 12th, Made by reputable firm, 60 years in business.



2 to 50 H. P. Wonderful New Pumping Engine Send postal today for Illustrated Catalog.

United States Engine Works 1521 Canal St., Chicago, Ill.

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We want a man or woman in each county to take subscriptions for

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We will pay a liberal salary for part or whole time. No experience necessary. Anyone can do it. We want persons who can devote only a few hours a week to the work. We want representatives who can give a good part of their time to it. Also we want those who can give their entire time to the work. All are assured

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Write for free outfit. Costs nothing to start. See your friends. Send today—a postal card will do.

Salary Department

UP-TO-DATE FARMING, INDIANAPOLIS

Read Here The Most Marvelous Offer of the Twentieth Century

104 Articles—ABSOLUTELY FREE



TO WHOM IT MAY CONCERN:

H. A. Sloan of Spencer, Ind., is a man well known to us whose reputation for honesty and integrity has never been questioned. We are positive that any offer that he may make will be carried out to the letter.

Exchange Bank of Spencer, Indiana

John N. Smith Cashier

My statement is a most sensational one. It will appear sensational to those who have never heard of me and it will appear even more sensational to those who have profited by my wonderful offers in the past, because never before in the **30 years that this business has been in existence** have I been able to make such a wonderful offer as this one.

I realize that my offer of these five guaranteed premiums will appear so wonderful that many who read it will feel skeptical. I want to sweep away all doubts from your mind as to the genuiness of this wonderful offer and my financial ability to do just what I promise—give these five premiums, 104 articles, **absolutely free.**

Read A Big Bank's Endorsement

In order to do this and to show that I am deserving of your confidence, I want right at the beginning to call your attention to the endorsement of the largest bank in Spencer, Ind. If you have any confidence in this large financial institution then you must have confidence in me. It makes no difference what your experience has been answering advertisements offering free premiums. The offer that I make here is **different from all others.** It is different because I have

Nothing To Sell

There is no guess work about my plan to earn these beautiful premiums; you are not required to work hard and to sell things. Simply visit a few of your friends with whom you engage in pleasant conversation and the premiums are yours. My object in offering these beautiful and useful premiums on this wonderful offer is my determination to be known and to have my literature read in every home in the United States.

This is My Plan

I send you a few beautiful gold embossed art pictures with which you are to advertise my business by distributing them free to your friends with a whole year's pleasant and instructive reading. I send the pictures to you postpaid together with a large circular illustrating these beautiful premiums in colors, just as they look when they are delivered to you. To do this is not work—it is simply play.

Sloan's 32-Piece Dinner Set

Over 100,000 of these beautiful sets given away last season—Sloan's 32-piece rose decorated dinner set is known wherever dishes are used. They are so popular because they are not alone beautiful but because they are the best for the money that can be made and they are **easy to obtain.** They are **real** chinaware whose reputation for strength and beauty is of the highest.

The decoration is burned into the ware under the glaze. The decorations show the dainty sprays of flowers in all their natural colors with the soft foliage in green. The beautiful embossed scrolled borders along the fluted edges and the delicate pure gold tracings still further enhance the appearance of this most beautiful of all dinner sets. They are **full size for family use.**

Genuine Damask Table Linen Set

This is another premium that I am proud to offer which I guarantee will please and delight those who receive it as a part of my wonderful proposition. This handsome table set consists of one table cloth measuring 64-55 inches and 6 **fringed** napkins measuring 16-16 inches to match. These pieces are made of Genuine German Damask that is absolutely guaranteed by me to wear and to retain its color.

42-Piece Glassware Set

There is a difference in glassware the same as in all other ware. This set is made of pure rock crystal and the design makes it sparkle and shine just like real cut glass. It consists of 42 pieces in all, full size, as described in the illustration. Berry bowls, tumblers, gobiets, etc. Pieces for every possible use. A set that will not alone make you proud to have because of its usefulness, but it will enhance the beauty of a home as no other premium would.

24-Piece Silverware Set

This premium consists of six full size knives, six forks, six tea spoons and six table spoons. They are not solid silver but as everyone knows silver very easily tarnishes, and I have selected this set from a great number of others because of its **non-tarnishing qualities.** They are in appearance just exactly like solid silver and have this further advantage that they require less polishing because they will not tarnish as quickly as solid silver and they will last a lifetime.





I Don't Want a Cent of Your Money

You enter into no obligation—you take **NO RISK. Please do not send any money.** These pictures are as free as the air you breathe. It does not make any difference where you live these premiums are yours practically for the asking.

One Premium AT ONCE for Sending in Coupon Today

I want every person who reads this advertisement to cut out the coupon and mail it to me **today.** I will send **one** premium to you **at once** with the pictures, just as an inducement to you to waste no time.

SIGN THE COUPON That is all you need to do. Send it to me and I will send a confidential letter explaining fully my whole sensational proposition. Don't miss this wonderfully generous free offer.

That is all you need to do.

SEND THIS COUPON TO-DAY

H. A. SLOAN,
Dept. 75
SPENCER, IND.

FREE PREMIUM COUPON

H. A. SLOAN, Manager, Dept. 75, Spencer, Ind.

Dear Sir: Without any obligation on my part send me postpaid your gold-embossed, large-size art pictures to distribute free with your year's reading plan. Also send me one premium for sending coupon today.

Name.....

Address.....

City..... State.....

104 Pieces in All

I have tried to describe the four premiums—dinner set, linen set, silver set and glassware set—making up my big combination set of 104 separate and distinct pieces. But I want to say that no description is adequate—these premiums must be seen to really appreciate them. If you have a pride in your home, let this be the best advertisement that I have ever written by sending in your coupon **TODAY.** Do it now while you think of it.

Fairbanks-Morse Oil Tractor



Pulling two 7 inch Disc Spaders, one 8 inch wheel Disc and 3 section Harrow.
30 acres per day at 24 cents per acre.
Doing the work of 15 horses and 3 drivers.

CONVENIENT
RELIABLE
ECONOMICAL

For Plowing—Harrowing—Seeding—Harvesting—Threshing—General Work.

YOU NEED A TRACTOR NOW if you cultivate over 150 acres

Send for price and Free Catalog No. TY971

Fairbanks, Morse & Co.
Chicago Indianapolis



I WILL MAKE YOU PROSPEROUS

If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail; appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once.

Unusual opportunity for men without capital to become independent for life. Valuable Book and full particulars FREE. Write today.

NATIONAL CO-OPERATIVE REALTY CO.

E. R. MARDEN, President
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FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley, the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. No lands for sale; organized to give reliable information. Sacramento Valley Development Assn., SACRAMENTO, **California**

Wanted—A man or woman to act as our information reporter. All or spare time No experience necessary. $50 to $300 per month. Nothing to sell. Send stamp for particulars. SALES ASSOCIATION, 629 Association Building, Indianapolis, Indiana

$720 CASH

GETS THIS

60 ACRES

Unimproved farm located in Washington Co., Alabama. Land all around it is being sold today for $25.00 an acre. For a quick cash deal I am prepared to make a discount of over 50 per cent.

It is right on a new railroad, and only a mile from a new town site. It is as good tobacco land as Kentucky; as good corn land as Illinois; as good potato land as Michigan; as good fruit land as New York.

Excellent opportunities for truck raisers—within two hours of the great southern seaport, Mobile.

This is the best of the 100,000 acres surrounding it. Lies high, excellent drainage—no mosquitoes, no swamps, no malaria. Most healthful climate in America—no blizzards, no snow storms, no long freezes, stock stay out all winter; raise three crops a year. Plenty of rainfall—no drouths, no expensive irrigation. Pleasant days and cool nights—no sun strokes, no sweltering, sleepless nights.

Land a rich, productive, sandy loam, with clay subsoil. Perfect title guaranteed.

MUST SELL AT ONCE

It is only for a quick, cash sale that I can offer this property at such a figure. If sold within 60 days I can make a price of $12.00 an acre; $720 for the entire 60 acres.

Write me at once if you want a great big bargain in real estate, where you can enjoy life every day in the year.

J. B. FENTONY
Attorney-at-Law Indianapolis, Ind.

THE PLYMOUTH ROCK

AFTER all that may be said of the excellent fowls that have been introduced into this country from abroad, or that have been originated here, it it hard to turn down the original Barred Plymouth Rock. This well known variety is the first of the pure American breeds, and it was originated by D. A. Upham, at Wilsonville, Connecticut. We are aware that there are various claims to this honor, but our investigations lead us to accept the story of the origin of this breed as told by L. J. Upham, a son of the originator.

The breeding of this fowl was begun in the fifties, and up to that time very little interest had been taken in breeds or varieties of poultry. The old mixed flock of dunghill fowls prevailed, and little was thought of any other kind. But Mr. Upham had an idea that poultry could be improved by selection and breeding as was already being done with domestic animals. At that time he had the old Chittagong and Brahma Pootra fowls, that, because of their immense size, had been brought from some of the Asiatic countries. Our older readers remember the Shanghighs (Shanghai's), various crosses of of these Asiatic birds upon the common fowls. Their loud, coarse crow attracted the attention of the entire neighborhood, and it was the boast of their owners that "the roosters could stand flatfooted and eat corn from the top of a barrel."

Mr. Upham did not like the coarseness of these fowls, and believed that careful and persistent crossing might originate a variety between these fowls and the prevailing types. There was then what was known as the hawk colored hen, not much the color of a hawk, it is true, but that had peculiar bars or pencilings. This was chosen as the native base for the new breed, and the Black Java, that had been introduced about that time, was taken as the other side. The cockerels of this cross showed not very well defined bars, but most of the pullets were black. They had a beautiful yellow skin, however, and were hardy, well formed, good size and good layers. By judicious breeding and mating, the black was eliminated, and the bluish bars were made the prevailing color.

Of course this took years of patient work and study, and even to this day may sometimes appear an almost black pullet. The first exhibition of these Barred Rocks was at Worcester, Mass., in 1869. The few professional breeders of that day were inclined to ridicule the new fowls, but the general public fancied them from the beginning, and the Plymouth Rock sprang into almost immediate favor. The breeders that had opposed them then took them up, and the country was given its still best all-purpose fowl, the Barred Plymouth Rock. In saying this we are not speaking disparagingly of the many other excellent varieties that have been originated or introduced, but the Plymouth Rock holds its own.

STORAGE AND SHIPMENT OF POULTRY

THERE are four methods of dressing poultry for storage and shipment, technically known as full drawn, wire drawn, Boston drawn, and undrawn. The full drawn has the body opened by a transverse cut across the abdomen, with a circular cut around the vent. Thus is the vent and all the entrails removed. The gizzard comes out with the entrails, as does the heart and liver, together with the internal fat. After cleaning the gizzard, these are all returned to the abdominal cavity. The head is removed, as are also the feet and shanks, the hocks being thrust through the opening in the abdomen and the vent.

Wire drawing consists in pulling out a loop of intestine by inserting a finger through the vent; then cutting the loop, and drawing out the intestine by careful pulling until it breaks at the gizzard. The vent in a bird so drawn looks natural, and there being no cut anywhere, the only indication of having been drawn at all is the shrinkage or collapse of the abdomen.

The Boston drawing differs but little from the wire drawing. In the Boston drawing a cut is made around the vent, and the intestines are pulled through until broken by a lodgement of the gizzard, all behind the gizzard, including the vent, being removed.

Undrawn fowls are picked only, no incision being made anywhere, except such as is necessary to the killing, usually cutting, from inside the mouth, the blood vessels of the neck, and puncturing the brain through the skull, just below the eye. These different methods of dressing have no reference to the removal of the feathers, but dry picking is preferred.

The Department of Agriculture has conducted some elaborate experiments to determine by which methods of dressing fowls to be stored or shipped will keep the longest, and the conclusions arrived at as given in Circular No. 70, of the Bureau of Chemistry, are, that undrawn poultry decomposes more slowly than does poultry from which the entrails have been wholly or partly removed; that full drawn poultry, that is, poultry with all the entrails removed, but with the cleaned gizzard, heart, liver and fat returned, and with the head and feet removed, decompose more rapidly than any other; that the Boston drawn and wire drawn stand midway between these two in quickness of decomposition.

The lesson is that it is safest to ship dressed poultry that has been dry picked, entirely undrawn, and with head and feet left on.

Different Blowing

"Mamma, what's that awful noise in the other room?"

"That's papa snoring, dear, don't wake him."

"If I was to blow my nose that loud you'd think it was awful impolite."

Traveling Salesmen and Saleswomen Wanted

Earn While You Learn. We now have on file letters from thousands of Wholesale and Manufacturing firms who are anxious to employ Salesmen and Saleswomen capable of earning from $1,000.00 to $10,000.00 a year and expenses. No former experience needed to get one of these good positions. We will teach you to be a high grade Salesman or Saleswoman in eight weeks by mail and our **Free Employment Bureau** will assist you to secure a position where you can earn good wages while you are learning Practical Salesmanship. Write today for full particulars, list of good openings and testimonials from over a thousand persons we have recently placed in good positions.

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Write for our legal binding bond to place graduates in position sure if 20 to 35 years of age and mentally and physically O. K. We can quickly fit you for a big paying position no matter where you live, in your spare time at home. Learn from practical Railroad men. This is the school indorsed by R. R. Managers. Write now.

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DOLLARS AND HOW THEY ARE MADE

from a bunch of letters written by successful agents; also one 25c working sample Triumph Fruit Jar Wrench. All for 10c—to hustlers who write today. Benjamin P. Forbes, 17 Beckman Bldg., Cleveland, O.

AGENTS—$45.00 A WEEK



MENDETS

Don't Throw It Away

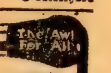
Mend all leaks instantly in graniteware, hot water bags, tin, copper, cooking utensils, etc. No heat, solder, cement or rivet. Any one can use them. Fit any surface. Smooth. Sample box, 10c. Complete box, asstd. sizes, 25c, postpaid. Wonderful opportunity for live agents. Write today. Collette Mfg Co., Box 183, Amsterdam, N.Y.



AGENTS—My Sanitary Coffee and Tea Makers produce a pure, sweet cup. Needs no settler nor strainer and never wears out. Saves tea and coffee, money and health. New inventions. Send 15c for 50c size of either, postpaid, or will send sample of both for 25c. Without question the two best selling articles ever invented. Order both

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The Southeast Has Locations for Every Kind of Farming

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In Delightful, Healthful Baldwin County Alabama

There is no section of the United States so healthful as Baldwin County. The climate is ideal. Warm in winter and cooled in summer by the fresh sea breezes from the Gulf of Mexico. It is a perpetual pleasure to live in this county. The land will produce crops that net $100 to $400 per acre. Fruits, including Satsuma Oranges, make large profits. Berries and Nuts are big money crops. Early vegetables are grown for northern markets in January and February, when prices are highest.

Stock raising and Poultry raising are very profitable. Green pastures the year around. Money crops every month. Baldwin County produces the famous shade grown wrapper tobacco, often yielding $1,000 per acre. Its sun grown tobacco sells at a fancy price.

Two or more crops produced on the same ground every year.

I have the best lands for all purposes at low prices. One company is selling tobacco land at $125 per acre. I have equal land at $25 per acre up. Will be glad to correspond with intending purchasers and assist in selecting. Lands sold on easy terms if desired. Information free.

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350 Shot Automatic Repeater

Beautiful walnut stock; nickel plated steel barrel. Strong, accurate, beautiful. Any boy will be proud to have it.

Just send us your name on a postal card and we will lay one of these rifles away for you. Then we will tell you how easy it is to get at no cost to you. You will be surprised with our liberal proposition. Don't let some other fellow beat you—write today.

Up-to-Date Farming, Dept. B, Indianapolis, Ind.

SMILES

Progress in Hotel Decoration

"I'm going to paper every room in this hotel with solid red paper."

Goodness! But won't that have a terribly glaring effect?"

"Yes, but when the guests kill bedbugs it won't show on the wall paper."

Lucky

First Doctor—So you performed the operation just in time, did you?

Second Doctor.—Yes, in another week he would have been well without it.

Anybody Knows That

Which is woman's favorite word?
The last one, of course.

A Suitable Age

At what age should people marry?
At the parson-age.

The Contrary Sex

Mark Twain is said to have met an old lady with two small children. Wishing to be considerate and pleasant he remarked:

"This, I take to be a little girl, but that pretty little follow I judge to be of the contrary sex."

"Yes, sir," was the reply, "that is what you men call the contrary sex; it's a girl, too."

Her Fault

A certain Scotch professor was left a widower in his old age. Not very long after he suddenly announced his intention of marrying again, half apologetically, adding, "I never would have thought of it. if Lizzie hadn't died."—Harper's Magazine.

Providence Was Kind

"Flies lay a million eggs," shouted the enthusiastic anti-fly man.

"Well, Providence was mighty kind to 'em," said the meek litle boy.

"How so?" rather dubiously inquired the fly swatter.

"Suppose a fly had to cackle over every egg it laid," soberly replied the boy.

Hit One

"So you shot a burglar. You are a brave woman. I suppose one of them got away."

"They both got away. The one I shot at carried away the one I hit."

Backbone and Grit

"Why didn't the lions eat Daniel when he was thrown into their den?" asked the Sunday school teacher.

"They couldn't, he had so much backbone and grit," was the startling answer.

Anything to Beat

The Millerites in one of their prophetic ecstacies, declared the world would come to an end in October, 1872, which was just before the election that made Grant President for the second time. The campaign was pretty hot. As the certainty of the coming end was dwelt upon, an old fellow became particularly enthusiastic because the end was to be in October.

"Why are you so anxious for the end of the world to come?" asked a gentleman near him.

"I'm for anything to beat Grant!" was the unhesitating reply.

Better Not Risk It

I'm going to marry your sister, Jimmy, but I'm afraid I'm not good enough for her.

Jimmy—That's what sister says, but ma says it might be a long time before she'd have another chance.

He Got Well

Tim—Hello, Pat, and is it out o'jail ye are?

Pat—Sure an' it is, Tim; the man I killed got well.

As An Investment

Town Man (passing in buggy)—Say, you man over there! You ought to have this mudhole in front of your home filled up.

Farmer—That's all you know about the country. I've made fifty dollars within the last month pulling automobiles out of that mudhole.

Reason for Having It Straight

Floppy—There are a thousand stars looking down on you tonight.

Flippy—Is that so? Is my hat on straight?

Breaking It Gently

Dear Mrs. Jones: I was with your husband on the beach this afternoon, and I write to tell you he will not be home today. His bathing suit was carried away by the undertow, and has not yet been found. Sympathetically, Bill Grimes.

P. S.—Your husband was in the suit.

Better Return It

Father (displaying the new baby)—"Charley, how would you like this for a little brother?"

Charley (looking it over critically)—Papa, must we keep it, or is it only a sample?

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and $1,000 in Cash Purchasing Value Presents

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On Any Piano in Our Complete Line for Solving the Mysterious 27 Puzzle

Each of the first five persons sending the Neatest Correct Answers will receive one of the above prizes.

A Little Intelligent Work May Bring You a FREE Piano

Winners will be duly notified by mail. Send 2-cent stamp. Write your name and address plainly and mail before October 18th, 1911, to

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12		
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DIRECTIONS

Take any number from one to fifteen, place in the squares so when added together, vertically, horizontally and diagonally, the total will be

27

DO IT NOW!

No number can be used more than twice

Three Grand Prizes Given Every Reader

For Distributing Postcards on My New Plan



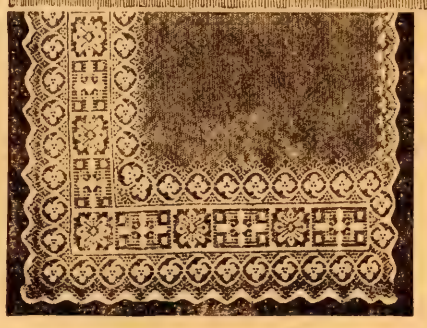
I want to give every person who reads this advertisement an **Elegant Breakfast-Set, a Beautiful Japanese Rug, and a Pair of Handsome Lace Curtains.** Remember, every person who accepts my offer will receive all three of these serviceable premiums, and they do not cost you a cent. Never before was a plan devised that was as liberal as mine, and never before were such valuable prizes given away.

HERE THEY ARE

First: and most important—there is a full-size Breakfast-Set. It is made from clays imported from Europe, which makes it about equal to the finest imported ware. Each piece is first-grade—no seconds—and of full size. The beautiful and elegant design is shown up to the very best advantage by the rich coin gold decoration. This set was designed for those people who desire something out of the ordinary and distinctly different from regular goods. There are 31 pieces in the set, enough to set the table for six. The manufacturers guarantee the quality, workmanship, and genuine gold decoration.



Second: there is the bright, cheerful, serviceable Japanese Rug. It is 30 x 60 inches in size, woven from a fine quality of yarn with both ends fringed. The colors are permanent and the rug will wear in a manner perfectly satisfactory to the most exacting housekeeper.



Third: there is a pair of full-size, 40 inches wide and 90 inches long, Lace Curtains. In service, durability, quality, style and finish, these fine Nottingham-Lace Curtains are sure to delight every person who receives them. No room is now considered furnished in good taste without pretty, white lace curtains.

Don't forget that I give you all three of these articles FREE. Furthermore, I guarantee that each one is just as represented, and guarantee them to reach you in perfect condition. Any one, or all of them would make an elegant gift that will gladden the heart of a mother, wife, sweetheart, or sister.

READ HOW I CAN GIVE THESE PRIZES AWAY

I am a special distributing agent and have a grand Introductory Offer that I want you to explain to your neighbors and friends. I want you to give away a big package of beautiful postcards in connection with my great 25-cent Introductory Offer. Just send me your name and address on a postcard and I will send you 16 big packages—no small lots of cheap cards, but 16 Big Packages of Handsome Embossed Postcards. I trust you with the cards and send them prepaid. Just as soon as you distribute the 16 packages on my easy plan and send me the money I will send you the Breakfast-Set, Rug, and Lace Curtains. If for any reason you can not distribute all the 16 packages I will see that you get one prize anyway.

Send No Money and Don't Write a Letter

Just send us a postcard, like the following, with your name and address. You will be under no obligation, and if you do not care to distribute the cards you can return them at my expense.

Mr. O. W. Western, Box 375P, Augusta, Maine.

"Send me, postpaid, your 16 big packages of embossed postcards to distribute on your grand 25-cent Introductory Offer. When I have distributed them, and have sent you the money, you will send me the Breakfast-Set, Rug, and Lace Curtains, all Free. I can return the cards at your expense if I do not care to distribute them."

Send a postcard like the above at once to

O. W. Western, Distributing Agent, Box 375 U Augusta, Maine



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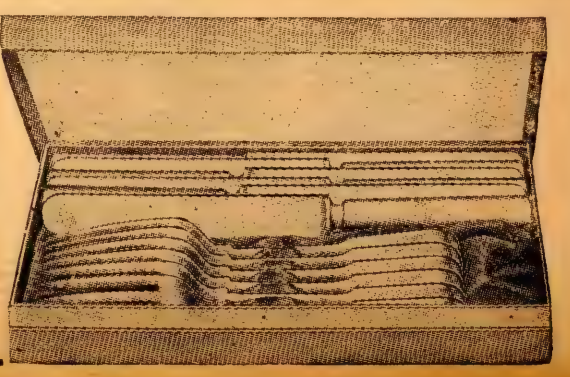
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Set consists of six knives and six forks all neatly packed in a cloth lined box. They are good looking and serviceable. Send your name in today.

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Dont Send Me One Cent,

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With these famous "Perfect Vision" Spectacles of mine you will be able to thread the smallest eyed needle and read the finest print in your bible even by the dim firelight—and this even if your eyes are so very weak now that you cannot see the largest headlines in this paper.

I also hereby positively agree to return you your dollar in full without any deductions whatsoever, if you yourself don't find them to be the most perfect-fitting, clearest and best spectacles you have ever bought anywhere at any price, and you yourself are to be the sole judge. Can anything be fairer? Write today for my free Eye Tester and ROLLED GOLD Spectacle Offer. Address:—*DR. HAUX, Dept. C, Haux Building, St. Louis, Mo.*

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Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Cures scalp diseases & hair falling. 50c, and $1.00 at Druggists

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I will send you my 93-page book "Advice to Stammerers" Free. It explains how I quickly and permanently cured myself. Profit by my experience and write for free book and advice. BENJ. N. BOGUE, 1515 North Illinois St., Indianapolis, Ind.



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When writing to advertisers don't fail to mention Up-to-Date Farming.



THE WHIP IN THE HOME

CHILDREN must be taught obedience. That is necessary for the children's sake; it is necessary also for the country's sake. Children that have not been taught obedience can scarcely be expected to make good citizens, and it is seldom they are an honor to their parents. We have known parents who certainly do not consider these important matters, else their control over their children would take a very different form. Obedience of children, respect for parental authority, is the keynote of happiness in the home, and, as we have already intimated, it is the assurance of honor and usefulness in after life. It is a training, therefore, that parents should in no wise neglect or overlook.

And yet we are no great advocate of the whip in the home. We remember the wise man's saying, "Spare the rod and spoil the child;" but that depends upon many other things. The whipping post was once regarded an essential element of government, and the lash was applied to the back of the public offender. But civilization discovered that was a brutal method of punishment, ineffective and debasing, and it has been abandoned almost everywhere. It can be scarcely less debasing in the home. We would not say the parental switch must never be used, but we do say it never need be. It is so much better to rule by love than fear. If the child reaches the point where whipping is necessary, it has been educated to it, and the parents who are expected to administer the lash are responsible.

In the beginning the child was innocent. It may have inherited some evil propensities, but these might have been easily overcome by loving firmness at all times. The child is never too young to do what it is told and to refrain from doing what is forbidden. At all events, it should never be told to do or not to do anything it can not understand, and when so bidden nothing should be allowed to interfere with the performance. The bane of obedience in the home is having two rules, one for the small and one for the larger children. Such parents think it matters little whether the small children are obedient or not. The little children are told to do things that no one expects them to do, and sometimes, in baby gibberish, they are told not to do things that they are afterwards encouraged to do. The first lesson such children learn is a lesson of disobedience, and who could expect them to be otherwise than disobedient when they become larger? It is this class of children that compel the bringing of the whip into the home, and who is to blame? If parents would only be sensible with the children from the beginning; be earnest with them, kind and loving, they would need never to know anything but love for and confidence in their parents.

CORN COBS AND ASHES

MOST of our soils need potash as an element of plant growth. Every hundred pounds of hardwood ashes contains about six pounds of potash. These can scarcely be had in sufficient quantity to be available for use in the fields, but they may be made very valuable for use in the garden and about the home grounds. On every farm corn cobs are going to waste all the time. Scarcely anything is more satisfying in the kitchen stove than dry corn cobs. A handful of them mixed with the wood hastens the meal, and every one who is cooking is glad to have them. Not a cob should be allowed to go to waste. A basketful of them should be brought to the kitchen every time the men or boys come in from the feeding. They save wood and make better fires, and the ashes from them are much stronger in potash than the ashes from wood; therefore, the mixed ashes are more valuable than the wood ashes alone.

Save all the ashes from the kitchen stove, or from any other source, and use them in the garden on the lettuce or onion beds, or almost anywhere that something is planted, or on the flower beds about the house, or even sprinkle them over the lawn. They help the growth of nearly anything.

ECONOMY IN BUYING

WE DO not believe it is good policy to be always on the hunt for bargains, but there are times when real bargains may be had in good goods and at a material saving. We refer to what may be aptly termed buying out of season.

At the close of a season's trade nearly all merchants cut prices on the goods that remain. They do this in preference to carrying the unseasonable goods over and to make room for the coming seasonable goods which it is their purpose to push in the season.

In the unseasonable goods thus cut in price, there is some as good goods as any that sold in the preceding rush at much higher prices than they are now offered for, and it it now a good time to buy. Do not be afraid that you will always have unseasonable goods, though that depends somewhat on the purchaser's judgment. Goods interlap each other so far as the seasons are concerned, and not unsuitable spring and summer goods may be had at the special sale of the pre-

"Children Teething"

Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

LIGHT UP!



You can transform any kerosene (coal oil) lamp or lantern into dazzling brilliancy with a WHITE LIGHT BURNER. 50 candle power invisable and unbreakable STEEL MANTLE. Positively will not smoke or flicker. Brighter than electricity, better than gas or gasoline. Absolutely safe AGENTS Get a sample and particulars quick! Price postpaid 25 cents. 3 for one dollar. Money back if not satisfactory.

White Light Co., 142 Julia St. Grand Rapids, Mich.



Smallest Bible on Earth

Size of a postage stamp. Reproduced with illustrations, etc. A great novelty and said to be a Lucky Charm and bring Good Luck to the wearer. Only 10c; 3 for 25c.

Ross Novelty Co., Dept. G. C., Chicago

GUARANTEED BEAUTY PINS 3 of these beautiful one-piece guaranteed Beauty Pins sent prepaid for 25c. Genuine brazed plated, choice of 5 styles. Rare bargain—money refunded if not satisfied. Novelty Jewelry Co., Sec. B, 953 Edgecomb Pl., Chicago

FREE WATCH RING & CHAIN



We positively give to BOYS and GIRLS a BEAUTIFUL American-Made stem-wind, stem-set watch with handsomely designed case, proper size. GUARANTEED 5 YRS. Also dainty ring, set with three sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain. We Guarantee Satisfaction.

Dale Watch Co., Dept. 53 Chicago

X-RAY KATHODOSCOPE.



Latest pocket curiosity. Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c, stamps or silver.

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HANDY TOOL FREE



—ONE OF—
THE HANDIEST LITTLE TOOLS You Ever Saw.

Used many times a day in every home. Screwdriver, tack hammer, wrench, ice pick, nail puller, box opener, wire stretcher, pipe or small rod holder, to handle hot dishes and pans. You have needed this tool a hundred times.

SEND a new or renewal 3 years subscription to Up-to-Date Farming and we will send the Handy Tool postpaid.

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Tell them you saw the "ad" in Up-to-Date Farming



The Jewel Guarantee Means More Than Satisfaction

It also means that all Jewel Stoves and Base Burners are doubly guaranteed; by the dealer who sells it to you and by the makers. Besides it means the owner will enjoy one-third more heat and use one-half less fuel.

No matter what your heating problem may may be, you will find a **Jewel Stove** to meet it. Over 100 styles, sizes and prices to choose from.

And every stove of one quality—the best.

Every Jewel Stove is designed on practical, scientific lines to give long and satisfactory service. Every mechanical problem has been overcome, and every improvement is embodied. Over 4,000,000 "Jewel" Stoves are in use today and 4,000,000 housewives pronounce them the best. "Jewel Stoves are sold by over 10,000 dealers; generally the best and leading dealer in the vicinity. Our book showing "Jewel Stoves" and describing how they are made, will be sent on request.

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Buy a "JEWEL" and save FUEL

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LARGEST STOVE PLANT IN THE WORLD

ceding winter stock; and so, too, may suitable fall and winter goods be had when a summer stock is being closed out. And another fact, especially in the homes on the farm, is that goods are expected to be useful longer than a season, and if goods are bought that pertain strictly to the preceding season, it will not be long until they will be entirely appropriate to the season.

In such purchases it is well not to choose goods that are extreme in style or season. Rather choose the medium, and it is very seldom they will go so far out as to make them unsuitable. We know ladies who thus dress much better than their neighbors because they get the goods so much cheaper and can better afford it.

THE FARM'S LIFE LESSON

THE farm is a busy place. In the spring there is a rush and hurry to get the planting done. Then comes the long, hot days of cultivation, and now the autumn begins to spread her tints of brown and yellow and gold—the crops must be gathered in.

There is an exhilaration in the planting. Hope is seen in every turning furrow and clusters around every seed that is hidden in the earth. In spite of the tired evenings, hope makes the labor light. And even in the summer's sweat and drudgery, though the work is often done amid difficulties, the prospect of a harvest fans the cheek and makes the labor less a burden; and the autumn brings the reward.

In this each season paints a beautiful picture of life that the young people in the home on the farm may admire and learn important lessons from. The seed sown in springtime. The future harvest depends altogether upon that. The good farmer plants none but pure and clean seed, and then he is careful that noxious weeds do not grow among the tender plants. Far more important is this in the spring time of life. We need not speak of vicious thoughts and wicked habits, and the fatigue of constant watchfulness. But the ambition to do something and the hope of a harvest gives a pleasure to every effort that brings its reward even before the harvest. The dull and unambitious boy or girl may live through these days as the unappreciative beast may do; but those that see in life an opportunity for progress, and in duty a means of accomplishment and of getting each moment a step higher, is never content with things as they are, but always pushes on in sweet anticipation of the glorious harvest autumn may bring.

We know what such ambitions mean. We know what development may come out of the farm home; and we more than rejoice at every ray of sunlight that illumines the way of the bright young people that read this paper.

TOMATO CATSUP

THE following is given as a good way to make tomato catsup:

Wash, mash and boil till tender with two tablespoons of salt, half a bushel of tomatoes.. These may be the inferior ones, not choice enough to can. After cooking let them cool, and rub through a sieve; return to the fire and boil till thick. When nearly done, add half an ounce each of ground cloves, cinnamon and black pepper, two pounds of sugar and one quart of good vinegar; cook fifteen minutes, bottle hot and seal. The ground spices make it dark, but give a better flavor than where whole spices are used. Never put any water into tomatoes when making catsup or chili sauce, for if they are properly mashed at first, they will not need it.

Felt Safe

Creditor—I don't intend to ask you any more for that money you owe me.

Debtor—Thank you; that is very kind. I won't have to dodge you any more when I meet you on the street.

LITTLE HELPS

VESSELS to which dough or any other substance has adhered, may be more easily cleaned by soaking in cold water than in hot.

Clothing should be thoroughly aired after ironing. Putting on damp clothing, especially next to the flesh, is a frequent source of colds or even worse ailments. The same is true of sheets and other bed clothes.

In frying bacon lay the thin slices in a cold frying pan or skillet and heat gradually. Bacon cooked in this way is not so apt to curl and shrivel. And it will retain its flavor better if not put in water at all.

In frying eggs put them in very hot grease and cook quickly. That will prevent their absorbing the grease and becoming too greasy.

Lime sprinkled on the shelves or set in shallow boxes or old pie plates or dishes, where jams, preserves or fruit are kept, will prevent mold.

It jelly glasses be brushed inside with the white of an egg before filling the jelly will turn out easily.

Do not polish a stove while it is hot; it takes more blacking and does not polish so well.

In damp autumn weather see that the cellar is well aired, and that there are no decaying vegetables in it.

Discolored earthenware or granite or marble may be cleaned without danger of scratching by warming and rubbing with damp corn meal.

If hot bread or cake is to be cut use a hot knife.

Lamp chimneys or other glassware may be toughened by putting into cold water and slowly bringing the water to a boil, then remove from the fire and allow the water to cool gradually. The glassware must be entirely submerged.

A cloth dipped in kerosene and then in coal or wood ashes is an excellent means of cleaning iron or steel ware.

The color in straw matting can be restored by washing with a strong solution of common baking soda.

THOUSANDS ADOPT CHATAM SYSTEM OF BREEDING BIG CROPS

THOUSANDS of farmers, anxious to multiply their crop profits, are now adopting the Chatham System of Breeding Crops. The "Chatham System," of which Mr. Manson Campbell is the author, is undoubtedly one of the biggest farming discoveries of the age.

It is nothing unusual for a man using the Chatham System to grow as big a crop on 160 acres as his less progressive neighbor grows on 240 acres.

The secret of the Chatham System's success is the planting of large, clean, healthy seed which produce bumper crops of oats, wheat, corn, clover, timothy, etc. Thanks to the work of Mr. Campbell, it is now possible to get fine seed very cheap.

By Mr. Chatham's method it is a home job, done easily, quickly and at almost no expense.

Mr. Campbell advises us that another 10,000 copies of his new book, "The Chatham System of Breeding Big Crops," are now ready for distribution. He wants to give one to every farmer, believing that it will add hundreds of dollars to his crop profits every year. If you want a copy, simply drop a line to Manson Campbell, President., Manson Campbell Company, Dept P., Detroit, Mich. A post card will do.

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The Albaugh Dover Co., 2215 Marshall Blvd., Chicago, makers of the popular new Butterfly Cream Separator, announce that they will now ship any machine they make to our readers without a penny down and give you six months to pay, so the cream saved will meet the easy payments. They quote low factory prices, charge no interest on payments, allow 30 days' free trial on your own farm and give a signed lifetime guarantee on every machine they make. What more could they do to show their faith in their product? Better send for their latest free catalog right away.

Not Free

"Does your motor car give you much trouble?"

"No," replied Mr. Chuggins. "It is a source of great trouble, but I invariably pay for it. None of it is in the nature of a gift."—*Washington Star.*

Danger of Being Early

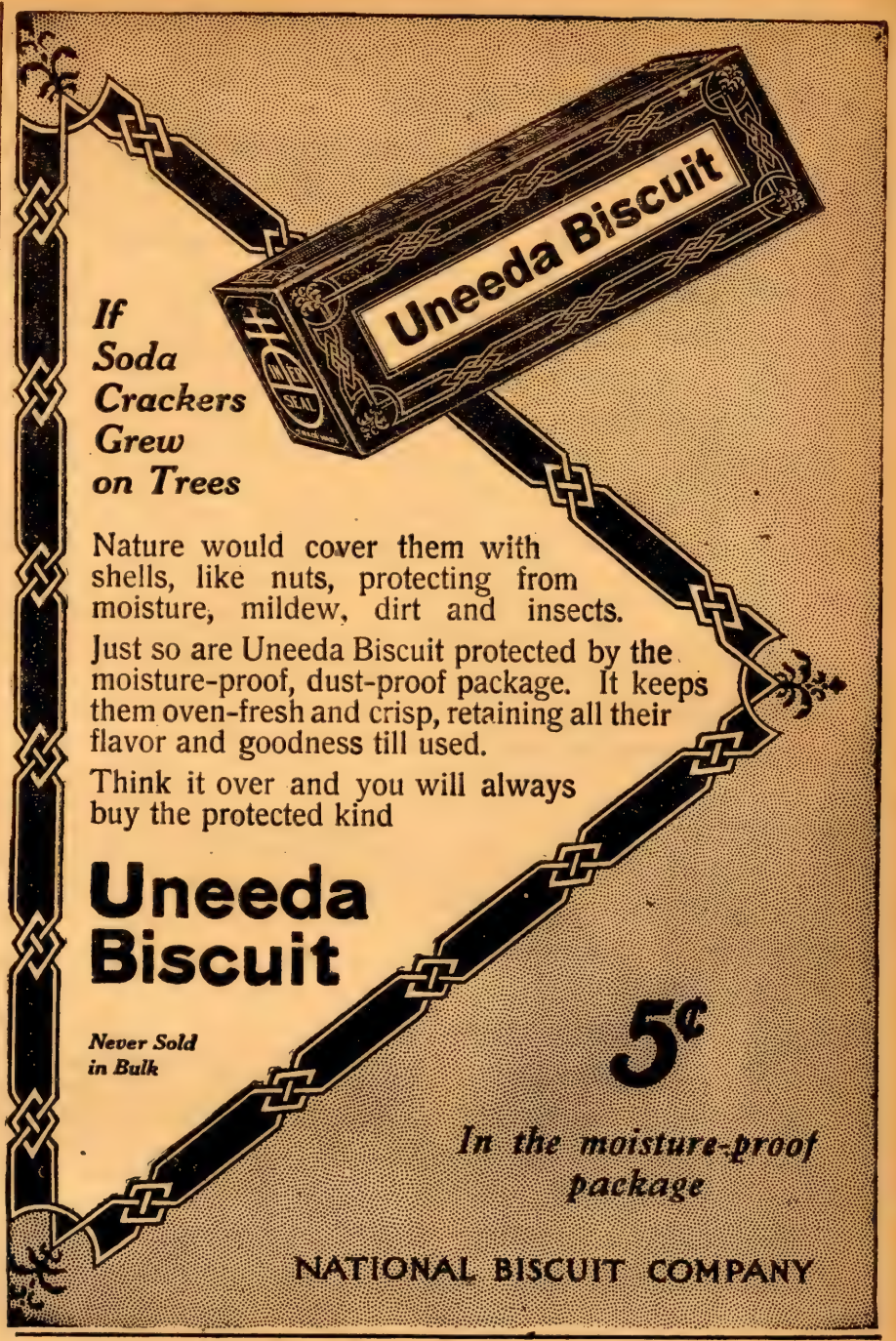
"Yes," said the boy whose mother was trying to get him out of bed some time after sun up: "yes, the early bird gets the early worm, then the early cat got the early bird next, the early dog got the early cat, and the early shooter got the early dog. So, you see, I've no hankerin' to be early."

All Hogs

It was the young lawyer's first case, and a drove of hogs had been stolen. Waxing eloquent, he said:

"Gentlemen of the jury, there can be no mistake about it. There were just twenty-four hogs in the drove exactly twenty-four gentlemen; just twice as many as there are in that jury box!"

He lost the case.



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Bluefield, Col.—I received my stove and have tried it thoroughly. I am perfectly satisfied with it. I use about one-half the coal and get about one-third more heat than I did with my old stove. I don't see how you can put the material used and the excellent workmanship on your stoves and sell them for the price you do. I could not duplicate mine in my town for $60.00. I have saved $20.00 on my stove. SAML. L. WADE, Prof. English.

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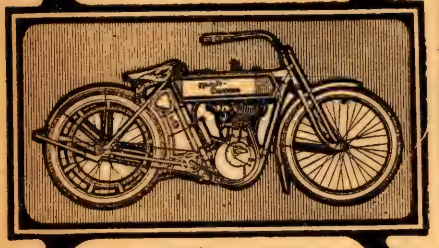
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(In the New Jersey and Peninsular Motorcycle Clubs Endurance Contest, as well as the Cleveland Road Contest held this year, every Harley-Davidson entered, got a perfect or 100% score. The average of the 11 other makes competing was 43%). Nearly one-third of all the motorcycles sold in America are Harley-Davidsons. Made and guaranteed in the largest exclusive motorcycle factory in the World. Send for catalog.

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American Movement Watch. Beautifully engraved case, warranted time keeper, also chain and Signet Ring, all given Free for selling 20 pieces jewelry at 10cts ea. Write for jewelry. When sold send us the $2.00 and we send Watch, Ring and Chain.
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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

OCTOBER first finds a busy time in the farm homes. In fact, it has been a busy time for a month or more. The autumn fruit has been ripening, and the vines have been producing their share of the family living—it is canning, preserving and pickling time. In a sense it has been a good time for putting up the winter stores, and in another sense it has not.

But the busy housewife has found much to do all the same, and much has been saved to bring good cheer a little later.

But the early autumn months are of more importance to the young people than to the old. The long and not unpleasant evenings invite to cordial sociability, and the school bells awaken an ambition to renewed progress and achievement. My best thoughts and wishes go out to school room activity, and I wish all of our writers every ennobling success within their reach. With accustomed pride I turn to the letters.

DEAR CADETS: Will you allow a Mississippi girl to come in. My father gets Up-to-Date Farming, and I enjoy reading the Cadet letters very much. I have lived in the country for four years, and I enjoy it. We came from the city for my mother's health, which is greatly improved. Our beautiful country, fresh air, and warm sunshine are healthful. I live near a river and I love to fish and hunt and boatride. We have a pretty pair of horses and a surrey, and enjoy riding and driving them. We have nice picnics, parties, churches and Sunday schools. We also have kodaking excursions on the river, and have great fun. I am 18 years old, and would like to hear from all the Cadets. I will answer all letters or cards.—Neva Loys Johnson, Ofahoma, Miss.

DEAR CADETS: How surprised I am when looking over the Cadet page not to find a farmer in Indiana. With such an interesting and helpful paper printed at our own door it seems to me we should all be farmers. My sister and I have derived much benefit, pleasure and profit from the helpful things in this wonderful little paper. We live near Bloomington, where that great educational institution, the Indiana State University, is located. This is a fine place to market our little country produce. Our principal crops are corn, hay, potatoes and tomatoes. We have horses, cows, hogs, geese and chickens. My father takes Up-to-Date because he is a farmer. Now please don't forget your Indiana girl, for she will be glad to exchange cards or letters with the Cadet friends.—Katie Bourke, Bloomington, Ind.

What do you mean, Katie, by there being no farmers in Indiana? We have in this state hundreds, thousands, of the most progressive farmers in the country, and they are most enthusiastic readers of Up-to-Date Farming. Besides many of our best young writers, Cadets, are Hoosiers, and we are proud of them—glad to add you to the number.

DEAR CADETS: Will you let a Kansas sunflower boy in? I have been taking Up-to-Date Farming for some time. I like to read the paper, but best of all, I like the Cadet letters. I have answered some of the girls' letters and have received cards in return. We have a rented farm on which we raise wheat, corn, oats, potatoes and other small crops. But crops are suffering very badly from the dry weather (August 18). I am 21 years old, weight 165 pounds, and am always in for a good time. We have seven head of horses, three cows, six hogs and about 125 chickens. I would like to receive cards from all the Cadets.—Frank Powell, Rantoul, Kas.

DEAR CADETS: I would like to join you. We live on a farm of 188 acres, and most of it is in pasture. My father takes into pasture about 66 head of cattle and nine colts. We have one horse, one cow, two yearlings and five calves; and we have about 120 old hens and chickens and seven guineas. We are taking Up-to-Date Farming and like the Cadet letters very much. We have had a nice rain here this afternoon.—Millie Kinney, Homer, N. Y.

DEAR CADETS: I am a farmer's daughter, and have two brothers and one little sister. Papa is a member of the F. S. E. We have three horses, 17 head of cattle and 100 hens. Papa owns 130 acres. I will be 14 October 21, and would like a post card shower. I will answer all I receive.—Elsie C. Baxter, Pleasant Brook, N. Y.

DEAR CADETS: Will you let a jolly Nebraska girl, 15 years old December 17, join your happy circle. I have four sisters and one little brother. I live on a farm of 240 acres. We raise corn, wheat, oats and potatoes. We have 13 horses, 23 head of cattle, and 45 hogs. I would like to exchange letters or cards with any of the Cadets.—Lillie Carlson, Wahoo, Neb.

DEAR CADETS: I am a Mormon girl, 19 years old. I lived on a farm until I was eight years old, but since then I have lived in a town of 1,800 people. I think I like best to live on a farm. The Up-to-Date is a dandy paper for all things. I live with my father and mother and three brothers. I have three brothers and four sisters married. I enjoy reading the Cadet letters, and would like to exchange cards or letters with any of the Cadets near my age or older.—Eloise Bradley, Huntington, Utah.

DEAR CADETS: I am a farmer's daughter, 16 years of age. I live on a farm and enjoy farm life. Papa takes Up-to-Date and thinks it is a fine paper. I turn to the Cadet page first. I wish to thank Mr. Everitt for giving us so much room. This country is devoted mostly to growing wheat, corn and potatoes. I would exchange cards with all the Cadets.—Lecta Norton, Grand Tower, Ill.

DEAR CADETS: I am a girl of 11 years, and we are three sisters and three brothers. We live on a farm of 160 acres. We raise corn, potatoes, oats, wheat, and all kinds of garden vegetables. I enjoy reading the Cadets. My father takes the Appeal to Reason, for he is a strong Socialist, and reads all kinds of Socialist books and papers.—Mary Schoelaert, Max, N. D.

DEAR CADETS: I am 16 years old, and live on a farm of 100 acres. We have six head of horses, eight cows, and 25 hogs. I live four miles north of Willisburg, Ky., and go to school every day. Gertrude Thompson, Davie Scruggs and myself go horseback riding sometimes. I have an organ and take lessons every day, and enjoy it fine. My father takes Up-to-Date Farming and thinks it is a fine paper. I would like to exchange cards with some of the Cadets, especially with Ruth Schrader and Presley Clarkson.—Edith Hendrix, Willisburg, Ky.

DEAR CADETS: As I have been a subscriber for Up-to-Date for two years I wish to thank the Cadets for the interesting letters they have written. I would love to become a Cadet, and I would like to correspond with any of the Cadets, especially with Bessie Elston, of Oklahoma.—Arthur L. Worley, Indian Rock, Va.

DEAR CADETS: We take Up-to-Date Farming, and like it fine. I have four brothers but no sister. We go to the town school, and we are to have a new school house for the lower grades. Our teacher is Miss Cashman. We walk two miles to school. We have four horses and seven cows. I like to ride horseback.—Florence Zimmerman, Sauk Rapids, Minn.

How to Oblige

"Dear teacher," wrote little Johnny's mother, "kindly excuse John's absence from school yesterday afternoon, as he fell in the mud. By doing the same you will greatly oblige his mother."—*Comic Cuts.*

Discrimination

"What do you charge for your rooms?"
"Five dollars up."
"But I'm a student——"
"Then it's five dollars down."—Cornell Widow.

A Drop of Blood

Or a little water from the human system when thoroughly tested by the chief chemist at Dr. Pierce's Invalids' Hotel, Buffalo, N. Y., tells the story of impoverished blood—nervous exhaustion or some kidney trouble. Such examinations are made without cost and is only a small part of the work of the staff of physicians and surgeons under the direction of Dr. R. V. Pierce giving the best medical advice possible without cost to those who wish to write and make a full statement of symptoms. An imitation of natures method of restoring waste of tissue and impoverishment of the blood and nervous force is used when you take an alterative and glyceric extract of roots, without the use of alcohol, such as



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Which makes the stomach strong, promotes the flow of digestive juices, restores the lost appetite, makes assimilation perfect, invigorates the liver and purifies and enriches the blood. It is the great blood-maker, flesh-builder and restorative nerve tonic. It makes men strong in body, active in mind and cool in judgment. Get what you ask for!

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Cotton and Autos

WHEN the tide is out at Palm Beach hundreds of hotel guests walk up and down on the hard, wet sands. Others speed up and down in their autos. , Others still, sit on hired chairs and gaze out seaward and imagine they can hear the songs of mermaids.

On a certain day in the present twentieth century Philip Gilett was among those who walked. He was a young man at the beach with his mother and sister, and his occupation when at home in New York was preparing himself for architecture. He did that mostly by looking at one or two sky-scrapers a day from the outside and spending a neat sum per week allowed by his father. It was his father who had insisted that the young man take up architecture. There never had been an architect in the Gillett family and he wanted one. He had a manor house, and he wanted a hennery built, and he wanted to point to it after it was finished and say, "A Gillett did that!".

On this particular day Philip Gillett had toothache and he set out to walk it off. His sister had told him to hold a wad of cotton saturated with peppermint in his mouth, and to keep his mouth shut. He thought a good deal of his sister, and he was obeying her.

Toothache affects a person peculiarly—particularly a man. It gives him what is known as a grouch. He wants to stand on the beach and see dentists drown in the sea. He isn't to blame, but everybody else is. And what made young Mr. Gillett crosser still was the fact that he had to chew cotton and keep his mouth shut. It was not dignified. It was taking undue advantage of a fellow.

Among those who motored that day were Miss Edna Blair and Miss Kitty Waldron, girl chums. They were in Miss Kitty's auto, and she was running it herself. After getting out of the crowd, and heading up the shore they saw a young man half a mile ahead of them. He was scuffling along on the hard track and was in their path. The honk! honk! was sounded, but he paid no attention. He wanted to be run over and have that aching tooth smashed out.

The automobile passed him within two feet, and in spite of himself he gave a jump and swallowed the peppermint soaked wad of cotton. He had to produce more peppermint for his aching tooth.

Mr. Gillett's walk had extended two miles when he sat down on a hummock and resorted to more peppermint. His sister was right; it began to have a soothing effect. He began to feel glad that he was alive and away from the snow heaps of New York city. Just then he caught sight of the auto returning. As it drew near, he saw that Miss Edna Blair was passably good looking and that Miss Kitty Waldron was more so. The auto was aiming to pass him within a few feet, but that was all right. He reasoned that the girls desired a nearer view of the young man whom they had so frightened, and he was right about it. They didn't seem to see him, of course, but that was false pretense.

And after that Fate stepped in. The auto was exactly opposite Philip to an inch, and exactly six feet and one inch and a half away, when a front tire exploded with a bang. Two young ladies screamed. The auto ran wild until half buried in the sand. The young man was blown over on his back by the concussion and swallowed his wad of cotton the second time in an hour.

He would have been less than human if he hadn't risen with a face as red as paint and cross all the way through. He grabbed for his hat and might have gone running over the sand dunes had not a sweet and plaintive voice reached his ears:

"Oh, sir, please do help us! We have bursted a tire!"

Yes, he would help. As a gentleman he must do so; but he made up his mind to do no more. That is, he wouldn't speak a word to those girls. They had fed him on cotton, so to speak, and he would have his revenge. Then he inspected the tire.

"I hope you were not hit by one of the flying pieces," said Miss Kitty in her most ingratiating manner.

No reply.

"Will we have to walk back to the hotel?"

No answer.

"You see we have a spare tire here."

No answer.

Mr. Gillett owned an auto himself. In fact, his mother and sister were down the beach in it at that very moment. He knew all about tires. He took the jack from its place, and without motioning the girls to descend he went at it, and had the tire replaced inside of twelve minutes. He might have done it in ten except for overhearing such observations as:

"Say, Edna, he must be deaf."

"Yes, deaf as an old tin pan."

"And he hasn't spoken a word. Do you think he is also dumb?"

"He looks it."

"Poor young man! It's just awful! He's got considerable style about him."

"Oh, I don't know. Wasn't it funny to see him go over on his back? If his hat hadn't blown off he'd have swallowed it!"

"Hush, you bad girl! I'll tell you what he is. He's a professor in some deaf and dumb school. And he owns an auto, too. See how handy he is. I wish we hadn't frightened him so."

"If we had scared him worse he might have got his voice and his hearing back. Think what it would be to marry a deaf and dumb man! Are you going to thank him?"

"Not in words, but I'll look my thanks."

As Mr. Gillett finished and stood back and raised his hat the thanks were duly looked and the auto whizzed along. He followed at a slow pace. The toothache was all gone, but he had been humiliated. He had been made to jump aside like a kangaroo; he has been blown flat on his back; he had been made to swallow wads of cotton; he had almost been called names to his very face. No wonder he wouldn't speak to his sister for an hour after getting back to the hotel, and that his mother laid her maternal hand on his locks and said:

"Philip, I hope you won't go into a decline, as your grandfather did at this very place."

There is Fate and there is Revenge. Fate had come—Revenge had to wait a day or two. Then the sister came running to Philip:

"Oh, Phil!" she exclaimed; "I've met just the nicest girl you ever saw! She's stopping at the Royal. I've invited her to take a spin in the auto, and you are to be chauffeur. I want you to meet her."

As the aching tooth had gone out of business and the world looked rosy again. Philip consented, though entirely to please the sister. They differed on the girl question.

It was only when they had rolled around to the hotel and picked up their passenger that Mr. Philip Gillett would have swallowed a whole roll of cotton batting had it been handy. She was the girl of the other auto—the girl who had looked her thanks—Miss Kitty Waldron!

Mr. Gillett tried to say things, and Miss Wildron did likewise, and the sister sat there and wondered if both of them had toothache. And when they got back at last Mr. Gillett assisted Miss Waldron up the steps of the veranda she turned to him to say:

"Sir, you have an explanation to make?"

"I have and will call this evening to make them."

The explanation must have proven satisfactory, as an auto ride became a thing of daily occurence thereafter, and the season had not yet closed when Miss Gillett put her arms around her brother's neck and murmured:

"Oh, Phil, I'm so glad—so glad! I just hoped you two would take to each other, and now you have!"—P. C. Anderson, in Kansas City Journal.

WHICH ENDURED MOST

During a heated discussion of which of the sexes endured most in the settlement of the New World the Pilgrims, of course, came up at the first examples, and it was loudly claimed especially by the men, that the Pilgrim Fathers undoubtedly endured the most. To this Gail Hamilton, who was present, curtly replied: "It is very clear that the Pilgrim Mothers endured most, for they had to endure all that the Pilgrim Fathers did, and they had to endure the Pilgrim Fathers besides."

This is love; a thing divine;
Description makes it seem less;
'Tis what we feel but can't define,
And what we know but can't express.



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Be generous—When you write to our advertisers mention Up-To-Date



EXQUISITE 33 PIECE DINNER SET

ROYAL BLUE AND GOLD

Every Woman May Have a Set FREE

This is an exceptionally serviceable set of dishes. It is a set that you will be very proud to place before your *"company."*

The entire thirty-three pieces are all large and useful. There are none of those small, useless pieces so often found in dinner sets.

This set has been *selected*, after examining all those put out by the leading manufacturers, as being both the *most beautiful and serviceable obtainable.*

6 Large Dinner Plates
6 Fine Cups
6 Fruit Dishes
1 Large, Fine Vegetable Dish

The edges of these dishes are tinged with a very *beautiful deep blue*, fading into a pure white. Being carefully *glazed* these dishes always hold their color.

A rich, wide gold band decorates each piece and delicately intermingled therewith is a beautiful gold wreath.

The entire set is one of rich, dainty and ultra-fashionable design. The ware is the *most serviceable* that can be secured *at any price.*

We positively guarantee *safe delivery* of these dishes. You need not accept any broken ones. And if they are not perfectly satisfactory in every manner we will make them so.

These are *"distinctive"* dishes. There is a vast difference between these and that inferior, cull stuff often given as premiums.

BEAUTY AND SERVICE

This illustration can give you no real idea of the beautiful, rich and dainty design of this "exceptional" set of dishes.

You will be very much surprised at the ease with which you can secure one of these beautiful sets.

Cut the coupon below and send it to us. We can't make our offer here. All we ask now is that you show *sufficient interest* to send us the coupon.

Send that coupon and you'll never regret it. Do it now lest you *forget and then regret.*

No set of dishes ever given surpasses this one in *beauty of design and quality of ware.* We give this set to our friends. You don't

6 Breakfast Plates
6 Saucers
1 Fancy Bowl
1 Oblong Meat Platter

have to pay us one cent. It is, by far, the greatest offer of all time.

This is no prize contest wherein a few win and many are disappointed. *Everyone will share alike.* Just send the coupon and we will reserve the dishes for you.

UP-TO-DATE FARMING
Indianapolis, Indiana

FREE DINNER SET COUPON

UP-TO-DATE FARMING, Indianapolis

Please send me full particulars about your 33-piece Royal Blue and Gold Dinner Set. I want one of the sets; tell me how to get it without cost. Be sure to reserve a set for me.

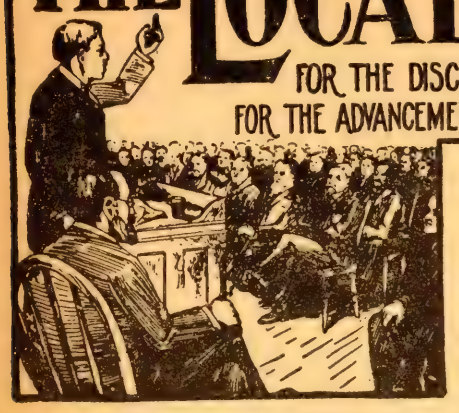
My
Name .....
Address
. . . . . .

. . . . . .

IF A BEAUTIFUL DINNER SET YOU WANT—JUST SEND THE COUPON

THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS
FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union

We assume a meeting is assembled for the purpose of organization. Some one will call the meeting to order and move that another person be chosen temporary chairman. This motion will be seconded and put to vote. The person elected will take the chair. On assuming the chair, he may speak, explaining the object of the meeting, or may at once declare that the choice of a temporary secretary is in order, whereupon one should be chosen as above.

It would then be in order to call upon some one to speak. This may be done by a motion and a second, or by merely calling the proposed speaker's name. If desired, several may be so called upon in turn. It is not best, however, at this stage of the proceedings, to take up too much time in discussion, for we assume that those present are already convinced of the necessity of forming a local union, that they have met for that purpose, and that ten or more have agreed to become *charter members.* The person calling the meeting should attend to that in advance.

A motion to choose permanent officers, a president, treasurer and secretary, or a president, vice-president, secretary and treasurer, would now be in order. This may be done by taking up each office separately and calling for nominations therefor. Should only one nomination be made, election may be had by acclamation.

The by-laws provide for offices to be filled and manner of elections.

This completes the organization of the union. It is now in order to give the *First Great Lesson—Co-operation.* This is a very interesting and beautiful part of the proceedings. The presiding officer, or organizer, if one is present, will officiate. (Full instructions are supplied by headquarters for the simple and impressixe ceremony.

After the lesson it is in order to fix the time for subsequent meetings, which should be as frequent as once a month and may be weekly, and any other action may be taken which may be deemed of interest to the newly organized local union.

The new organization must be reported to the National Union by the secretary, or organizer. (Blanks will be furnished on request.) Members may be admitted at any meetings and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply blanks on request.)

A member sends the following program which is so replete with good suggestions that we are glad to print it. The member who submitted it said: "The following plan, with additions and modifications as new problems arise, will insure interesting debates, rousing meetings and a general good time, not only in the meeting, but throughout the whole community. Follow this plan and there will be no more complaint about inability to have good meetings twice a month. The way to do it is to have a standing committee on entertainment. The duty of the committee will be to prepare an entertaining program for each meeting." The submitted program follows:

1. Call to order by the president.
2. Music, vocal or instrumental.
3. Opening adddress by president.
4. Equity Song (songs have been printed in this paper and more will follow).
5. Recitation by children or others.
6. Debate on live question (subject announced and speakers selected at previous meeting).
7. Five-minute talks on the question by the members.
8. Vote on which side won, if a debate.
9. Announcement of the subject for debate or consideration at the next meeting and the leaders. (The following are suggested as subjects for debate in subsequent meetings.)

a. (1) Will killing the reciprocity agreement cause our farmers to get higher prices for grain, potatoes and apples? (2) Should it increase the cost of living? (3) Will our manufacturers prosper more under free trade for farmers, or protection?

b. (1) Is the production of farm crops greater than the consumption? (2) Can the consumption of farm crops be increased through a better marketing system?

c. Shall we market the crops of our union through the Equity System.

d. Should the producers store their own crops until the real demand needs them in preference to middlemen storing them?

e. Which is more important for us farmers to learn, more production or better marketing. (1) Is the farmers' institute that teaches only how to produce more worth while? (2) Is the demonstration train that demonstrates how to raise more stuff, run in the farmers' interest or the railroads'? (3) How can we have a speaker at each farmers' institute and on each demonstration train to tell farmers how to market to get right prices?

f. What crops shall we plant this year and how much?

g. What benefit may the local union be to the farmers of this community from business, social and educational standpoints?

h. How can we best increase our membership and the benefits to our members?

i. Should farmers keep book accounts of all transactions in the conduct of their business of breeding, crop production, marketing, labor, etc?

j. Should farming be taught in the public schools?

k. Are the prices we receive for produce now as low, relatively, as they were in 1895 to 1900? (By relatively we mean that the cost of labor and the things farmers buy then and now, should be considered.)

l. Is speculating in farm crops a benefit or other wise to farmers?

m. (1) Should this local union have its own elevator, and storehouses? (2) Should we have a slaughter and packing house? (3) Should we have a cannery or preserving factory?

n. Shall this local union market all its produce through the Equity System? (2) Should more markets be included in the Equity System?

o. Shall this local union build an Equity Hall?

10. Closing songs.
11. Adjournment.

This program should be combined with the regular order of business. The subjects specifically mentioned above will suggest others, and a perpetual interest can be kept up. It is suggested that one meeting a month be a closed meeting—to members only—and the others open meetings, where all are welcome. A few open meetings will arouse the interest and curiosity of outsiders and they will soon join. Also the young people will be enthused, in fact the local union will become the charmed spot for all members of the family, and the next thing everybody in the community will be in the local.

THE PROBLEM OF MARKETING

Views From Many Fields

THE proposition to establish a federal Bureau of Markets caused one of our exchanges to recognize the advantages of a comprehensive knowledge of supply and demand and where they exist, and the ability to intelligently direct the former to the latter, as this paper and the F. S. E. is already bringing about. We quote from it as follows:

The Farmer's Markets

Not infrequently the farmer or fruit grower suffers severely because he, with his neighbors, lacks knowledge of market needs and opportunities. It is pitifully common, for example, for stock raisers to ship cattle or hogs to market at almost the worst possible time or otherwise under peculiarly unfavorable conditions. Thus come hearbreaking losses instead of profits. On the other hand, the high cost of living is due in no small degree to lack of accurate knowledge of markets and market needs by producers of food products.

To direct the products of farm, orchard and garden to the best markets, thus benefiting both producer and consumer—who include within their ranks the entire population of the country—would be the chief function of the "bureau of markets," proposed in a bill introduced in the national house of representatives at the recent extra session by Representative Wickliffe, of Louisiana. This bureau would naturally come under the jurisdiction of the Department of Agriculture, and it is so provided in the bill.

It is impossible to estimate the vast benefit accruing to the people of the United States through the advice of this department. Having aided the farmer to produce great crops, the department properly might help him to market them.

We subscribe to all that is said about the heart-breaking losses and the causes, but we can not agree with the writer as to the remedy. Farmers don't need a government-made system for marketing, any more than manufacturers and railroads needed to look to the government for business systems. Farmers can work out their own problem of marketing and they are on the way now. What we urge is more speed.

Nation-Wide Probe of Retail Prices

A Washington dispatch says:

The bureau of labor is conducting a country-wide investigation of the range of retail prices of commodities of life during the last ten years. The results will not be fully known for probably a year.

Investigators of the bureau recently made a comprehensive report of the wholesale prices of commodities during the last ten years which showed a steady increase all along the line. The Department of Agriculture has just issued a report on the prices of farm products tending to show that prices paid to the farmer have been growing less.

When the complete reports of the third investigation now under way are made public, a comprehensive view of the "high cost of living" problem will be available from all angles.

And then the same question will some up: What are you going to do about it? It is not investigations that are needed now, but the plan to remove the causes already found. Enough causes were found by the Indianapolis investigating committee to keep farmers and consumers busy setting things right for some time to come.

Ohio Farmers in Line

A dispatch from Cincinnati says:

Ohio Valley farmers are planning to follow the lead of producers in New York and Pennsylvania in perfecting a system for selling produce direct to the consumer. They are watching closely the outcome of the eastern project, and if the latter is a success they will launch a similar one next year.

The eastern project referred to is one where a number of farmers contracted with the United Stores Company (corporation) to handle their produce. Predictions have been made that it would spread all over the country. But the prediction will not come true. Any plan that sets up a new set of middlemen to take the place of the old ones is bound to fail like the exchanges organized a few years ago by a bunch of people with more undigested theories than business experience. The plan that will succeed is the one that takes price-making and the terms of sale out of the hands of a middle corporation or set of middlemen entirely, and puts them in the hands of the producers and consumers. That is the plan recommended by this paper.

May Renew Meat Boycott

A dispatch from Cleveland, O., says:

F. W. Seibelin, the leader of the meat boycott during the fight against high prices in 1910, says that if the price of beef is not lowered soon he will start another anti-meat strike. Prices of meat in Cleveland now are higher than they were in January, 1910.

Siebelin started the meat strike in 1910 that put one hundred butchers into bankruptcy and enlisted thousands in the struggle to lessen the high cost of living in Cleveland.

Wholesale dealers said that the high prices were due to the warm weather and that by next month all grades of meat would tumble. Retail dealers do not believe that the prices will go down much further for several weeks.

What's the use of such crusades? The last condition is always worse than the first. It's time for a cure,

---

$1.25

Wheat is worth $1.25 a bushel to be on an equal level of value with the machines and other things farmers buy. In all fairness the grower should have it and he would have gotten it if it had not been for the reciprocity agitation. Estimating that 300,000,000 bu. of the 1911 crop has been marketed at an average of 90 cents; the loss per bushel was 35 cents, or $105,000,000. We believe this is a conservative estimate to put on the cost, to wheat growers, of President Taft's experiment. If farmers would have been organized, only to a very moderate degree, they could have protected themselves. Better organize now, before somebody studies up another scheme to get your stuff too cheapely.

APPLICATION FOR MEMBERSHIP AT LARGE

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O.....R. R..... State of.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

I further agree to attend the meetings of my local union, (when a member of one), to assist in its programs, to talk, praise and promote the Society, by voice, pen, the wearing of the official button and distribution of literature, as may be convenient, to its upbuilding throughout America.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date, for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) and gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?..... *Will you try to Organize a Local Union?*.....

Name of Your Shipping Station .....

85c

Look in the "Minimum Prices." See that the price for potatoes has been set at 85 CENTS basis of Chicago Market. They may sell higher than this much of the time, but not a bushel should sell for less than this basis. True, it is pretty high, but remember, that for two years the growers got very little profit. It is only fair that they shall take enough to make up for part of what they were entitled to but did not get in the former crops, now that conditions favor them. Potato growers, keep your eye on the price and ask it and you'll get it.

not to be experimenting with quack remedies.

Producers and Consumers

Following we take from the Indiana Farmer, Indianapolis:

Farmers should take an interest in the movement that is being talked over in this city for bringing producers nearer to consumers. How can it best be done? There is no question that it should be done. Middlemen, commission dealers and grocers are getting entirely too large a share of the profits on farmers' produce. These parties actually control the market, instead of the supply and demand, as should be the case. Instances occasionally come to our notice in proof of this. We have just heard of an apple grower in Illinois who sent a carload of nice fruit to a commission house in this city, and when a leter came to him saying that the market was glutted, the apples were in poor condition and would bring but a small price he boarded a train and came here to find his apples in nice shape, stacked in boxes on the sidewalk, with limited supply; he represented himself as a buyer and found that he must pay a good, round price to get them. In other cases fruit has been left to rot in the cars rather than open it for sale and lower the price that had been set. The dealers have the power to set prices for produce, and although there are honest men among them, there is very strong temptation to go wrong, and farmers should find a safe and reliable way to dispose of their products, if possible.

At Des Moines, Iowa, a plan has been started recently in which the farmers have a free public market, as we understand it, in which to meet their customers. There are no go-betweens, and no fees to pay. The towns-people come to the market and buy at prices fixed by the law of supply and demand. The plan is said to work satisfactorily to all concerned, and it is being seriously considered by our city authorities. To make it practicable here it will be necessary for the farmers to have an agency here to represent them, in receiving products, disposing of them and returning pay for the same.

As usual we are a little ahead of the marching column. The plan "to make it practical" as recommended above is exactly the Equity System of the F. S. E. It has agencies in 102 markets already and growing every month.

Marketing Oranges

The Indianapolis Star printed the following about directed marketing. The chief criticism we have to offer is that it gives the "broker" credit for things he does not do. For instance, the broker or commission man do not, and under the present unorganized system of marketing, he can not intelligently anticipate, control or distribute, to any considerable degree, the supply of produce. But to the degree that he can exercise such control, it can, and we know it often is directed to produce gluts or dearths on markets in the interest of the handlers and against the interests of producers and consumers. The Star said:

Perhaps the greatest benefit which the broker in perishable fruits and produce confers upon the community at large is in intelligent anticipation, control and distribution of supply. A most wicked and ruinous policy it would prove if producers were compelled to dump all their product into the nearest market when it was congested. In one city fruit and produce would be rotting away, a complete loss to its producers, while in an adjoining city, where the supply was short, prices would be exhorbitant and multitudes deprived of these necessaries altogether.

A good example of this beneficent steadying and evening is supplied in the orange markets, where co-ordinated supervision so handles the crop that each distributive point has at all times exactly the amount of this popular and healthful perishable fruit that its consumers demand. The result is indefinitely better, for both consumer and producer, than the old independent and unrelated lack of system, where one point was over-supplied with ruinous prices and another simultaneously was suffering from an orange famine. Those shortsighted growers who complain at the discretion with which these things are managed now, would be the first to protest if nobody prevented them from dumping a heavy supply of perishable stuff upon an already congested market.

Oranges are not controlled and directed anything to compare with what the Star says. But the marketing could be so supervised and such definite results be obtained, if all the producers of oranges would work together on a practical system. And the same can be said for any other crop. But some of the objection to separate crop associations, as this paper has often pointed out, are a multiplicity of organizations, unnecessary expense to organize and maintain them and an unwieldy amount of machinery and details to operate a separate marketing system for each crop. The Equity plan of one organization for the whole country for all the crops is better.

The Indianapolis Committee's Report

In our last issue we printed some extracts from the reports submitted by the Indianapolis high cost of living committee. Following are other reports that are illuminating on this dark subject:

It costs about $7,280.000.00 to maintain and operate the grocery stores of Indianapolis, and about $499,000.00 to meet the wages of people who sell on the public market, (these figures do not include any profit), a total of $7,879,000.00. We believe the Consumers Leagues or associations will save fully $5,000,000.00 of this the first year and a greater proportion as it gets in smooth running order.

By the establishment of Consumers' Leagues or associations in Indianapolis, we believe enough can be saved in a few years to enable every thrifty family to own its own home.

Objections will be raised to this plan bepresent order of things. But the present system has simply become unbearable and it is getting worse every year. Better to have a peacable readjustment than a bloody revolution. The masses of the people will endure much, but there is a limit to all things and a day of reckoning coming. That day is at hand.

Organization an Absolute Necessity

W. C. Kane, State's Attorney for Saline Co., Ill., writing to the **American Federationist**, said:

In this commercial age of organized capital and mad rush for the acquiring of vast fortunes, the organization of the laboring class is an absolute necessity for its self-preservation, and is its only means and hope of protecting itself and securing to

APPLICATION BLANK FOR AN ORGANIZER'S COMMISSION

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

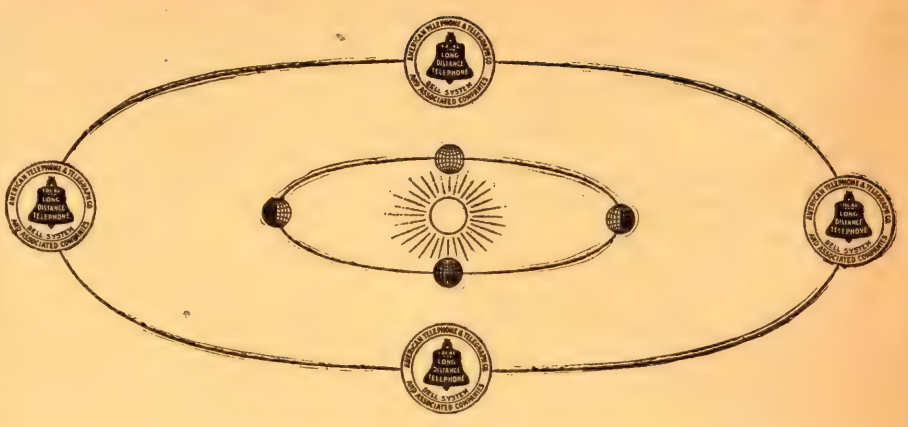
I, ... of .....P. O., R. R....

County ..... State ..... hereby make application for a commission to organize a local union, or local unions at the following town, towns, of cities .....

My age is ..... My business is.....Are you a member of the Farmers Society of Equity?..... Are you a subscriber to Up-to-Date Farming?..... Have you a horse and buggy or automobile, or other form of conveyance and what?..... How much time can you give to the work?..... I give as reference:.....

.....

Please organize your own community at least.



Comparison of the Distance Traveled by Earth and Bell Telephone Messages

The Orbit of Universal Service

In one year the earth on its orbit around the sun travels 584,-000,000 miles; in the same time telephone messages travel 23,-600,000,000 miles over the pathways provided by the Bell system. That means that the 7,175,000,000 Bell conversations cover a distance forty times that traveled by the earth.

When it is considered that each telephone connection includes replies as well as messages, the mileage of talk becomes even greater.

These aggregate distances, which exceed in their total the limits of the Solar system, are actually confined within the boundaries of the United States. They show the progress that has been made towards universal service and the intensive intercommunication between 90,000,000 people.

No such mileage of talk could be possible in such a limited area were it not that each telephone is the center of one universal system.

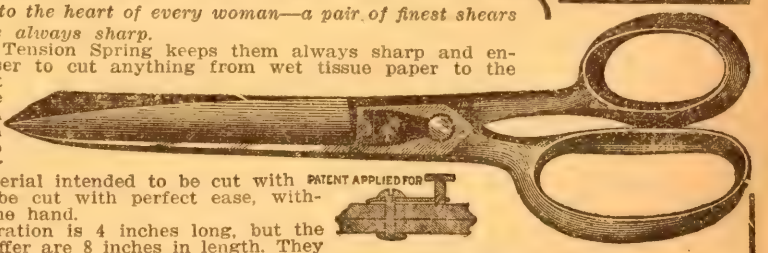
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AND ASSOCIATED COMPANIES

One Policy *One System* *Universal Service*

Ever-Sharp Shears FREE

Dear to the heart of every woman—a pair of finest shears that are always sharp.

The Patent Tension Spring keeps them always sharp and enables the user to cut anything from wet tissue paper to the heaviest cloth. The tension on the rivet can be set so that any kind of material intended to be cut with shears can be cut with perfect ease, without tiring the hand.



The illustration is 4 inches long, but the Shears we offer are 8 inches in length. They are made from the best carbon steel which insures strength and a keen cutting edge.

Guaranteed for Years

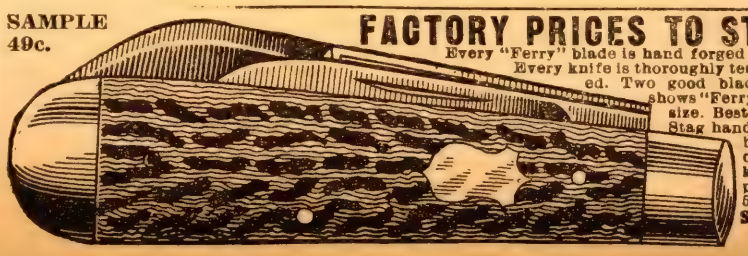
The manufacturers guarantee quality of material and workmanship in every pair.

MY OFFER: One pair of these Shears will be sent free for your renewal or a new subscription 2 years for 50 cents

J. A. EVERITT, Editor, Indianapolis, Ind

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

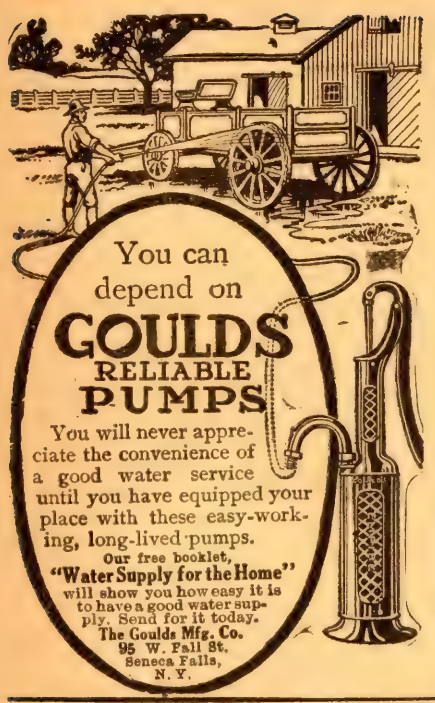
SAMPLE 49c.



FACTORY PRICES TO START YOU

Every "Ferry" blade is hand forged from razor steel. Every knife is thoroughly tested and warranted. Two good blades. Illustration shows "Ferry's Special" exact size. Best all 'round knife. Stag handle, strong, durable. We will send one of these 75c knives at special price 49c, postpaid, 5 for $2.10.

S.E. Ferry, Dept. A Irvington, Ind



You can depend on

GOULDS RELIABLE PUMPS

You will never appreciate the convenience of a good water service until you have equipped your place with these easy-working, long-lived pumps.

Our free booklet, **"Water Supply for the Home"** will show you how easy it is to have a good water supply. Send for it today.

The Goulds Mfg. Co.
95 W. Fall St.
Seneca Falls, N. Y.

8 Grapevines FREE

Brighton (Red); **Niagara** (White); **Moore's Early** (Blue); **Wyoming** (Red); **Diamond** (White); **Concord** (Blue). **Champion** (Blue); **Worden,** (Blue).

The Choicest Selection of 1-yr.-old Grapevines in the World.



There is not a home in this country but should have a set of these grapevines to make an arbor or to occupy the waste corners, and not only add to the beauty of the lawn or garden, but in a short time be yielding bushels of the choicest varieties of the most delicious grapes grown anywhere in the world. Do you realize what this offer actually means to you? If so, you will not hesitate one single moment, but will act at once while you have this one chance. Shipment will be made at once, and right now is the time to get them and set them out. Full instructions will be sent along, telling how to set out and care for them.

How To Order

We will positively send these 8 choice, hardy, one-year-old grapevines, free and all charges prepaid to anyone who will send only One Dollar to pay for a 4 years' subscription to FARM PRESS, the biggest and best farm journal in the Middle West. Only one set to each person. Order now and address,

FARM PRESS, 143 W. Ohio St., Chicago, Ill.

APPLE GROWING The healthier the tree, the better the fruit. The longer trees are sprayed with "SCALECIDE" the more beautiful, healthful and fruitful they become. "SCALECIDE" is the acknowledged leader of all soluble oils—the only one containing distinct fungicidal properties. "SCALECIDE" will positively kill all soft-bodied sucking insects without injury to the tree. Let us prove these statements. Send today for free booklet "SCALECIDE—the Tree Saver." Address B. G. PRATT CO., Mfg. Chemists, 50 Church St., N. Y. City.

GINSENG $25,000.00 from one-half acre. Easily grown throughout U. S. and Canada. Our booklet C E tells particulars. Send 4c for postage, McDOWELL GINSENG GARDEN, Joplin, Mo.

TIME TO PLANT will soon be here. We sell direct to planter at lowest prices for best of Stock. Apple and Cherry trees 8c, Peach 4c and up. Send for Catalogue. It's valuable to you. ERNST NURSERIES, Box 11, Moscow, O.



STORM FRONT For Sale Direct to Consumer at wholesale prices. Write for full particulars to D. ARGERBRIGHT, Dept. D. Troy, Ohio

FARM WANTED

Hundreds of readers of Up-to-Date Farming want to buy a farm. Have you one for sale? Advertise it in the Business Exchange for quick purchaser. Rate 6c a word.

For Father, Son, Brother, Uncle, Nephew or Grandpa

$5.00 Safety Razor for Only 97c



Beautifully silver plated with stropper, handle and holder, a full size of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade $5.00 outfits sold in stores. Remember this Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States.

All you need to do is to refer to this ad. enclosing ninty seven cents, with your name and full address and the complete Grains SafetyOutfit exactly as described will be sent at once fully prepaid.

L. C. GRAINS COMPANY
23 Pulsifer Bldg. Chicago, Ill

its members a reasonable portion of the fruits of their labor, and enabling them to maintain themselves, families, and homes. "United they stand, divided they fall."

Organized labor in a laboring community is the life and vitality of that community. When organized labor prospers, the business interests thrive. When organized labor suffers reverses or becomes disorganized, business generally does likewise.

All of which is quite true. And the same can truthfully be said, and emphasized in its application to farmers. Without organization, their business is subject to all the varying season conditions and every adverse current started in the business or political camps. As agriculture is, so is the business of the country and the condition of labor. Profitable agriculture in any community gives life and vigor to activities of the community.

COTTON BUYERS TALK CO-OPERATION

A special dispatch from Memphis to the Journal of Commerce, of New York, says:

A movement has been launched here at a meeting of the Memphis Cotton Exchange looking to closer organization among the various cotton exchanges of the South to the end that their interests may be more thoroughly protected in matters which are of vital interest to them. In the preliminary discussion it was shown that the spinners in the New England states have their Arkwright Club, that the cotton brokers in the same territory are organizing more closely; that the mills of North Carolina, South Carolina, Georgia and other southern states are becoming more and more closely affiliated for the handling of subjects in which they are directly and mutually interested, and that the foreign spinners have a number of organizations, the purpose of all of which is to safeguard the interest of their various members. It was further shown that the buyers of cotton in the South are practically the only ones connected with the marketing of the cotton crop who have not perfected some sort of organization to enable them to co-operate and to work harmoniously together in the solution of the many problems that confront them in their dealing with those who are members of the associations in the New England states, in the South and in Europe.

The president of the Memphis Cotton Exchange has been authorized to appoint a committee of seven cotton buyers to investigate and to communicate with the other cotton exchanges ot the South regarding the various subjects which are of paramount interest to them, and to report the result of its findings, together with such recommendations as it may see fit to make, to a general meeting of the Memphis Cotton Exchange early in October.

If the cotton growers will get busy and organize a local union of the Farmers Society of Equity at each market town and city they could make and maintain steady prices on cotton, which would be absolute to the buyers, and thus make an organization of buyers unnecessary.

Refuse to do this and the buyers' organization will be a fact in a short time, and its purpose, you may be sure, will be to buy as cheaply as possible.

Uncle Ben's Soliloquy

Der's a very wealthy man,
And dey call him Uncle Sam,
And he don't wish his children any harm;
But he's got a lot of boys
Dat neber like to work,
And dey want to be de bosses on de farm,
Now we don't want dem bossin' us around,
Kase we have to be de tillers ob de ground;
And if de git our bread and meat,
Dey must pay for what dey eat,
While dey live to speculate and loaf around,
While dey live to speculate and loaf around,
While dey live to speculate and loaf around,
And if dey get our bread and meat,
Dey must pay for what dey eat,
While dey live to speculate and loaf around.

Now dey bodder Uncle Sam,
So he don't know what to do,
For dey nebber like to use de plow and hoe;
But whenever Uncle Sam
Comes togedder in his corn,
Den dey want de finest corn dat's in de row.
Now you see de farmer's blood begin to bile,
And he says he's gwine to change de present style,
For he's gwine to organize,
And you needn't be surprised
If all have to share de dubbins for awhile,
If all have to share de dubbins for awhile,
If all have to share de dubbins for awhile,
For he's gwine to organize,
And you needn't be surprised
If all have to share de dubbins for awhile.

For since we have made dem millionaires
We've had naught but debts and cares
For dey price de things we raise on a decline,
But de things we have to buy
Dey always set de price so high
Dat dey catch us bofe a-cummin' and a-gwine;
Now I think it wont be very many days
Till de farmers'll set de price on what dey raise.

For dey's found der's Equity
In de grand F. S. of E.,
And der larnin' dat co-operation pays,
And der larnin' dat co-operation pays,
And der larnin' dat co-operation pays,
For dey found der's Equity
In de grand F. S. of E.,
And der larnin' dat co-operation pays.

Since de farmers here of late
Have been readin' Up-to-Date,
And since dey furnish all de world wid bread and meat,
Dey can see no reason why
Dat de farmer shouldn't try
To git an honest dollar for his wheat,
So we's gwine to jine the band of Equity
Wid de farmers in de grand F. S. of E.,
And when we've righted all de wrongs
We will sing de happy songs
Of de farmers on de road to liberty,
Of de farmers on de road to liberty,
Of de farmers on de road to liberty,
And when we've righted all de wrongs,
We will sing de happy songs
Of de farmers on de road to liberty.

The Flower of Equity

Effie Stevens.

A little, swiftly flying bird,
Within its beak had brought from far,
A seed which fell and quick was lost
Where weeds and clinging brambles are—
Nay, 'twas not lost, for soon there sprang
From out the earth a tiny shoot,
Which though o'ershadowed by the weeds,
Did downward push a steady root.

Amid the weeds the wee plant grew,
Assisted by the sun and rain,
Till it outstripped them one and all;
Each day new beauty seemed to gain;
Then buds appeared and luckily grew
Until they opened, when behold!
The fragrant Flower of Equity,
Stood blooming there with heart of gold.

The blossoms faded on their stalk,
And in their place the seedpods grew,
Till ripened by the warm, red sun,
They opened wide and brought to view,
The rows on rows of shining seed,
That the rude wind, now here, now there,
Soon scattered with no gentle hand,
Upon the earth to beauty bare.

When lo! where one lone plant had stood
A thousand sprang up in its place;
The weeds and brambles were no more,
But beauty all the spot did grace,
With countless flowers of Equity,
Whose golden hearts shed fragrance sweet
That breezes wafted far away,
From that most beautiful retreat.

All hail the flower of Equity,
Planted amid the weeds of wrong,
Long may its seeds be scattered far,
And yield the increase valiant, strong,
Of sturdy farmers who shall work
To forward push the cause of right,
Until injustice flees the land,
And Equity rules all with might.

The High Cost of Living

No price that the farmers ever obtained for their produce can be fairly charged as making the cost of living too high. The people who make such charges against farmers simply don't understand the problem. The place to look for the trouble is the machine that holds on to more than 60 cents of the consumer's dollar and lets less than 40 cents seep through to the hard-working producer. The remedy is the Equity System of Marketing. That is: Local Unions of the farmers at one end, Consumers League receiving stations at the other end, and the railroad between. This System is sensible, practical, successful. It's the plan that will eventually be universal, so why not begin to establish it at your place now?

Up-to-Date

A. H. Woodruff

Tune—Auld Lang Syne

To ancient plans let fogies cling,
Their values over-rate;
But newer, better ways we sing,
And methods up-to-date.

Chorus:

Oh, we are up-to-date, my boys,
Yes, we are up-to-date;
And all the backward ones we'll bring
To ways up-to-date.

Chorus:

Should auld acquaintances make us blind
To what is simply "great,"
Content to ever lag behind
Our brothers up-to-date?

Chorus:

The world is rushing, whizzing on,
For laggards will not wait—
And heavy rolls her wheels upon
The farmers Up-to-Date.

Chorus:

Now this is just the very thing
We want to agitate—
The question how we best may bring
The farmers up-to-date.



THE MAN WHO KNOWS

Charles A. Green, the man who, over thirty years ago, discovered that fruit growing was the best and most profitable way to occupy land, has written an intensely interesting and highly instructive book, "How I Made the Old Farm Pay." It is worth many dollars to any fruit grower or farmer. It is a story of Mr. Green's actual work and its results. YOU may follow its methods and teachings and make your farm much more profitable.

Mr. Green edits and publishes

GREEN'S FRUIT GROWER

The Oldest Fruit Journal in America

(Established over 30 years ago)

His editorials and advice are timely and instructive, as are the writings of his staff of horticultural writers. Here every month you are sure to get news of the latest and best methods which make for success and profit in fruit growing and farming.

There is big profit and pleasure in fruit growing. Even a few trees are profitable. Apples are worth twice as much as Oranges! For years we have advised our readers to plant orchards, and many are now getting their reward in big profits. Every home-owner should plant a few fruit trees.

GREEN'S FRUIT GROWER tells you how and where to plant, how to prune and spray, and how to make your fruit trees most productive. Mr. Green has piloted many orchardists to success. YOU need this publication NOW. Send 35 cents now and get GREEN'S FRUIT GROWER for twelve months and Green's booklet, "Thirty Years with Fruits and Flowers." Or send us $1.00 to-day and we will send you GREEN'S FRUIT GROWER every month for four years (48 numbers) and Mr. Green's famous book, "How I Made the Farm Pay." A book that will hold your interest from cover to cover. Think of it! This valuable book and 48 numbers of the greatest fruit journal in the world for only $1.00, all charges prepaid, if you send at once.

Send your order to-day, as the price will be advanced. Satisfaction guaranteed.

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Rochester, N. Y.
Box E

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

Why Should Farmers Be Weak

EDITOR, UP-TO-DATE FARMING:

Under the caption of "Farmers Weak and Strong," appeared on article in your issue of May 1, from which I will quote briefly as follows:

"But as to concert of action farmers are weak. What is the remedy? This is an age of education. Farmers must learn from the example of others. They must realize that their interests extend beyond the farms, and often center in the courts and the halls of legislation and the congress, and they must know what their interests are and how to secure them. 'In union there is strength' applies to farmers as well as others, and farmers will never come to their own, will never enjoy rights and privileges accorded to others, will never have an equal and equitable standing in opportunities, protection and business until, like other classes they unite to make their demand backed by the combined power of their great calling."

Being familiar with farm life and business, the writer certainly appreciates the truth of the foregoing statements quoted. Why farmers will be so slow to grasp opportunity as presented in co-operation or organization if you please to so call it, is beyond the reasoning of a good business head. Any farmer can see how all other lines of business and employment are organized for their financial benefit, and it is only logical that the farmer can accomplish the same for himself by joining hands with all his neighbors. They can benefit themselves in two ways financially, that is in raising and marketing their products and in purchasing at wholesale manufactured products they use.

Did you ever think, Mr. Farmer, what you can accomplish by getting together in one grand organization? It would require more space than any ordinary newspaper has to spare to relate all these advantages, but let me quote you some facts, showing what farmers in other countries are doing through organization. This information is taken from an address recently made before a Farmers' Congress and others at Lincoln, Neb., by a thorough business man who has the interests of the farmers at heart.—B. F. Yoakum, a well known railway executive. He is a business man who knows what organization means and his suggestions and information should be carefully noted by every reader of Up-to-Date Farming. He said:

"The growth of the organization of farmers will be the next important step in the development of the country. We will then have commercialized farming. Too many retail middlemen are to the farmers what the drones are to the bees. The bee said, the fewer of these non-workers the better, and he reduced the number. The farmer is saying the fewer of these non-working profit takers along the line, the better, and he is reducing the number, selling through established agencies of his own selection, taking part of the returns himself, and willing to divide the savings with the consumers. This movement has made much greater progress in the United Kingdom and continental countries than in the United States, but we are learning rapidly and adopting the methods slowly.

"The organization of co-operative societies in England commenced in 1844 with twenty-eight members. In 1908, the last statistics we have, the members are given as 2,516,000, and the profits $55,665,000. They show over 33 per cent. advance to the producers without hurting the consumers.

"In Denmark in 1881, when co-operation was first taken up, the producers received for butter, eggs and bacon twelve million dollars. In 1906, the last statistics we have, through co-operative organizations that business had increased to seventy-eight million dollars. Their co-operative dairies number 162,000, and the egg export societies of Denmark have 22,000 members. This industry is now bringing them ten million dollars a year. Denmark is a low country with an area of 15,000 square miles. Nebraska is five times as large as that country, yet for the past twenty-five years Denmark's history is unparalleled for prosperity among its farmers, principally due to the business way in which the producers handle their products.

"As in older countries, co-operation among our farmers is of the greatest importance. A man has only performed half his duty to himself and his family when he produces a crop. The other half is to market it to the best advantage.

"This is a day of co-operation. The success attained through organization with our timber lands, minerals and manufacturing industries, and by our merchants and organizations of commerce could not have been realized by individual effort. These industries have their agents for buying, for selling, and have forces working together to make every dollar in profit by saving every dollar in expense.

"It would be unreasonable fo expect the farmers of the country to advance their interests through individual effort. It can only be done through organization. To illustrate: If a community of farmers owns a million bushels of wheat which is worth 90 cents in the market, and it costs say 12 cents a bushel for elevator charges and transportation, a purchaser must furnish over a million dollars in cash to pay the farmers and hold the wheat for a favorable market to sell. The farmers are the owners of this million bushels of grain, and the cash required by them, if they are organized to hold their grain for a favorable market in which to sell, would only be $120,000. Therefore, they can carry and ship their own grain to market with a small cash requirement, as against the present method where they haul their grain to town and sell it at the best price they can get.

"The same applies to other agricultural products, and the instrument that can be of the greatest service in facilitating the establishment of warehouses and aid in marketing your products is the railroad which you have heard condemned and preached against by those engaged in the well established political industry of the country.

"You can depend upon the co-operation of the railroads in working out your problems if you will take them up in a business-like way, but we should deal direct. Politicians are not needed as go-betweens. I have attended business conferences between representative farmers and railroad officials, and much good always came out of them. We should have many of these conferences. Business relations between railroads and you who largely use the wagon roads, which are the connection between the farms and the railroads, should be very strong. You run the wagon roads, and we run the railroads. Let us talk business every time we can with a view to reducing the cost of distribution of farm products to the lowest figure possible. We can afford to leave the buncombe to the politician. He will continue to blame the railroads for high cost of living, and the retail middleman will continue to implicate the railroads and the farmers. So far as our business relations are concerned, both of us and the country at large will be better off when we deal directly with each other."

It seems to me that any intelligent farmer can see from the above facts and suggestions that a great deal can be accomplished by farmers organizing. They are not true to themselves and their families when they fail to get together for business, profit and political advancement. They can not eliminate the unnecessary middlemen by any other method.—C. E. COOK, Chicago, Ill.

As Clear as the Ray of Sunlight

DEAR EDITOR:

I like your unique paper, and my nearest neighbor says it is "great." We are both much pleased with your remarks about the reciprocity bill. Such remarks are as clear as the rays of sunlight and are an eye-opener to me. I take a San Francisco paper, but not a word has it said about the great reciprocity crime that has been perpetrated against the United States farmers. Up-to-Date Farming also sets forth the immediate cause of the great difference between the prices paid to the farmers and those paid by the consumers of farm produce.

I wish great success for Up-to-Date Farming and a long life to its Editor.—A. J. Ault, Pierce Co., Wash.

Acres of Produce Going to Waste

MR. J. A. EVERITT, Pres. F. S. E.:

I am of the opinion that this is a good country to interest farmers in the Farmers Society of Equity. Here we have acres of produce going to waste and no market for it. I was talking to a merchant in town yesterday and he was opposed to a union of the farmers. He said they were too false to each other and too independent. I said there are very few farmers who would cut their noses off to spite their faces. Also every farmer will stick to his union if he makes money by doing it and if he can not lose.

I am in earnest for the betterment of the farm people through a better system of marketing their crops and will work with a will to accomplish good results.—M. J. Slease, Organizer, Benton County, Ark.

25c

This is not the minimum price of a bushel of potatoes or grain, but it is the maximum, top price for a year's subscription to UP-TO-DATE FARMING. One bushel of potatoes sold at the minimum price will pay for three subscriptions for one year. One bushel of wheat sold at the minimum price will pay for five subscriptions one year. Only 25 cents will pay for one year. Think of it; how insignificant the sum.

Don't let your subscription expire. Renew before your time is up. Also send UP-TO-DATE FARMING to your neighbors. You can not AFFORD to do without this paper.

To Introduce Our Big New Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.


A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishing clearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

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SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

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Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

REQUEST ADVERTISERS WANT TO *Know in what Paper seen. Therefore We* **TO** *their Advertisement was Urgently Request You* to mention UP-TO-DATE every time you Write to Our Advertisers. **READERS.**

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To prove what dermol will do for Eczema, Tetter, Salt Rheum, Pimples, Blackheads, Itch and all kinds of itching skin diseases, we will send you a liberal trial treatment that will stop the itching almost instantly and give relief to cases of 20 years standing. Thousands are being cured every day. Read this letter from Mrs. J. Klahunde, Cass Lake, Minn., which is one of the many received daily: "I thank you many times for the sample box of dermol for Eczema. It cured me, my face is just as white and clean as milk."

If you suffer the agonizing itching of Eczema or any other skin disease—don't delay—write today for the free treatment. You risk nothing.

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Don't Wear A Truss

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Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.

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When writing to advertisers don't fail to mention Up-to-Date Farming.

What Defeated Reciprocity

(Continued from Page Four)

advance by leaps and bounds until they are at least 25 per cent. higher, and your markets and the world's markets will all be higher as a result.

I do not regard these things as mere possibilities. I am convinced that they are exactly what will result, depending on whether your country defeats or accepts the agreement.

J. A. EVERITT
President Farmers Society of Equity.

An estimate of the influence of our arguments in molding opinion in Canada and the value of our work in the final results can be gathered from the following message sent the day after the election.

TELEGRAM

Winnipeg, Man., Sept, 22, 1911.

J. A. Everitt, Pres. Farmers Society of Equity,
Indianapolis,

Your able article had effect in yesterday's polling. Its logic was irresistible.

M. E. NICHOLS,
Winnipeg Telegram

Naturally, we are pleased at the result. We are glad that we could be of service to the farmers of America again. While we do not claim that the arguments we furnished to prove to the Canadian farmers that the kind of reciprocity proposed would be a curse to them, alone defeated the agreement, we know they had a large and telling effect. As the **Winnipeg Telegram** said, "Its logis was irresistible." Similar work was done with all the important Conservative papers, the most direct evidence of the influence of our arguments can be seen in the agricultural provinces of Manitoba, in which Winnipeg is situated. Of the ten representatives to be selected, the whole ten elected were Conservatives. The reciprocity agreement party did not get one representative.

If the farmers of America will admit that we have been their friends, and if they will acknowledge that we are fighting their battles and winning them, and if they have any gratitude to express, and the disposition to express it; let it be through organizing faster along lines that we have so earnestly advised. Your battles will be more easily won if you will now complete the organization of the Farmers Society of Equity.

THE DAY AFTER

Our Prediction That Grain Prices Would Advance Came True

ONE of President Taft's favorite arguments was that free trade in agricultural products would not lower prices in this country, but would advance them slightly for Canadian farmers.

We took the position that for several months our markets were suffering from unduly low prices. That the prospect of the reciprocity agreement was nearly as bad as its actual accomplishment, and a week before the election we predicted that if the agreement was defeated grain prices in this country would advance by leaps and bounds. Exactly what we predicted has come to pass.

Following are some market reports the day after the election—September 22:

CHICAGO, Sept. 22.—(Special)—The death blow to "free grain" from Canada by the vote on reciprocity yesterday was the cause of the great commotion in the wheat trade of this country. The trade expected reciprocity to win and the markets were sold to a standstill in anticipation of bearish effect of a movement of Canadian wheat to markets this side of the line.

CHICAGO, Sept. 22.—Despite sales of millions of bushels by holders realizing profits, the wheat market here whirled upward again and again. Defeat of reciprocity formed the sole reason. After an exciting day there was a nervous close, 2⅞@3c to 3¼c higher than last night, and within ½c of the top figures reached. Oats, which would also have been subject to free competition from Canada, made a net advance of 1⅞c to 2@2¼c. Corn rose ⅝@1c, and provisions 2½@20c.

KANSAS CITY, Sept. 22.—Wheat jumped up 3 cents at the opening of the market here this morning, the sudden rise being directly attributed to the defeat of reciprocity in Canada. There was wild trading on the Board of Trade for half an hour, followed by a gradual subsiding.

MINNEAPOLIS, Sept. 22.—The defeat of reciprocity in Canada yesterday made a wild opening on the floor of the Chamber of Commerce here today and there was an excite rush to buy wheat, with few offerings. Prices jumped over 4 cents for both December and May.

While supplies of wheat are large the demand far exceeded the supply, although a large part of the buying was on account of shorts covering.

In addition to wheat there was a sharp advance in barley here. Low grades of that grain were from 7 to 8 cents higher, the increase being a result of the Canadian elections.

NEW YORK, Sept. 22.—While the advance was not as pronounced as in northwest markets, wheat had an excited opening on the produce exchange this morning, the dominating factor being the defeat of the Canadian reciprocity agreement. It was said on the produce exchange this afternoon that the jump in American grain at the various grain centers today was due to the practical consideration that the defeat of reciprocity ment that the vast stores of wheat and other grain from Manitoba and other parts of the Canadian northwest would no longer have the prospect of coming across the border to compete with the American granaries.

DULUTH, Minn., Sept., 22.—Frantic rushing of shorts to cover gave the wheat pit in the local board of trade one of the wildest scenes in its history at the opening today. Many traders had gone short in the last few days in expectation of the ratification of reciprocity.

September wheat, which closed yesterday at $1.02, opened at $1.07. In a few moments it had reached $1.09 and later sagged ½c, and in another few minutes dropped to $1.09. December wheat closed yesterday at $1.02½, opened at $1.06 and quickly went to $1.08⅛, from which point it dropped to $1.08.

Cash wheat changes in various other markets were as follows

Toledo, O., 3⅜c advance; Cincinnati, 3c higher; St. Louis, 3½c higher; Buffalo, 3c higher.

A. W. Thompson Co., grain brokers, Indianapolis, had this to say:

If it were possible to know the volume of wheat sold and bought the first day after the defeat of reciprocity it would be amazing. The shutting out of Canadian wheat, on which the great milling interests of the northwest were counting, makes the wheat situation in our country a domestic affair, and a strong one for the balance of the crop year. The mills unexpectedly shut off from choice Canadian wheat, will be forced to turn and buy hard winter wheat wherever it can be secured. St. Louis, Kansas City and Omaha see this and marked up cash wheat prices several cents today. It is stated as a general fact that this country, possibly, has not much more wheat within its borders today than will be needed for all purposes and reasonable reserves at the end of the year.

Hill Stocks Crumble.—The face which the stock market assumed over the defeat of reciprocity both smiled and wept. While the prices of the Hill railroad stocks were crumbling the shares of the "paper trust" were climbing nimbly upward. Canadian Pacific an East and West road, which had fought reciprocity, advanced six points after the opening. The shares of the "fish trust" sank, but the stock of the "biscuit trust" was bouyant.

The reasons for these diverse movements were easily apparent. The Great Northern and Northern Pacific, which tap all the transcontinental Canadian lines, had counted on benefiting greatly from a freer exchange of commodities between the United States and the Dominion. James J. Hill, from the very first, had been one of the foremost advocates of reciprocity. Northern opened yesterday at a loss of 3¼, which was rapidly increased to 4¼. Northern Pacific, opening 2 points down, declined ⅝ more. St. Paul followed suit with a loss of 2⅝.

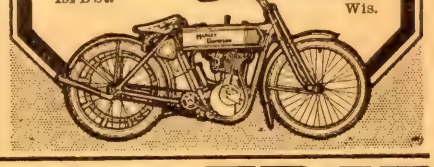
Mr. Farmer, why do you always put the best apples on top in the barrel?

Mr. Grocer, why do you comb that side lock over the bald spot on the top of your head?

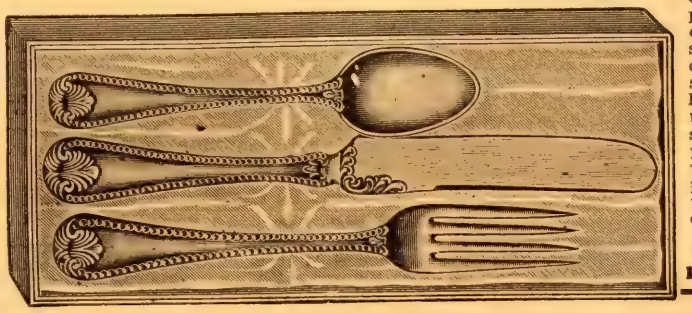
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We received the Family Grist Mill, and find it as represented. Would not sell it at any price, if I could not get another. Our neighbors think it a grand mill, and you will get several orders from our town.
Mrs. A. F. Brown, Milton, Ill.

O. K. SEED STORE, Indianapolis, Indiana

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This is the name of our book that should be in every home. More fun to the square inch than a cage of monkeys. A "cart-load" indeed. Space will not permit of our telling much about this book. Take our word for it, that it is worth many times our price. If you are not satisfied we return your money on request. Among the titles of the anecdotes and stories contained in "A CART LOAD OF FUN" are the following: "A Man with a Liver," "Pumpkin Pie," "Potts and the Lightning-Rod Man," "How to Go-a-Courting," Baumgartner's Dog." "Stowe's Elephant Story," "Marriage a Scheme to Manufacture Happiness," "Mrs. Jones' Burglar." "Deacon Amos Tenderloin Discusses Dudes," The Sad Case of Fillay du Bif," "A Primeval Scrap," "A One-Horse Hotel." "He Concluded not to Commit Suicide," "Queerly Married." "Hannah was Aroused," "How the Tired Patient Man had His Feelings Upset," "Jone's Baby," "Breaking up a Cat Concert," and 148 others. "A CART LOAD OF FUN" is a book of 64 large double column pages, neatly bound in attractive colored paper covers price 10c each, 3 for 25c; postpaid. COONER & FORTUNE CO., Indianapolis **FOR 10 cts**

"The People

can not do otherwise than take up with both the Local Unions and the Consumers' Leagues. They think the plans are O. K. and raise no question about them when they understand. All organizers ought to work both ends when their territory permits. The fact of the farmers organizing will encourage the consumers to organize and have their own receiving stations because they will know definitely where to get their supplies, while the best argument we can have, when organizing the farmers is the fact that the consumers are organized, or will organize to receive our produce direct."—E. H. Cornwell, Organizer, Columbus, O.

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We can't tell you our plan in this, but we will tell you in a letter and show you how you can get this money, probably easier than any other money you ever made. Have you a way to use $50, or do you want it to keep?

Write for our plan. We want to put this paper in every farm home. You can not do a better thing for yourself or your community. Boys and girls can do the work and earn the money as well, or better than grownups.

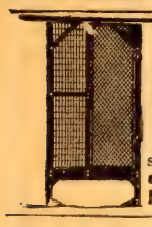
A postal card or letter will bring full particulars by return mail.—**J. A. Everitt, Editor.**

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Equity, the Farmer's LifeBoat

By E. D. Gee

While voyaging on the sea of time,
Though we've not long to stay,
Dark clouds of greed and avarice,
Obscure the brightest day.
Though fierce the storm is raging wild
And waters rush and roar,
The lifeboat now of Equity,
Will take us safe to shore.

Chorus

Then cheer, good farmers, cheer,
Dispel your doubts and fears,
To every storm-wrecked mariner,
A ray of hope appears,
Our lifeboat's strictly up-to-date,
She's safe and true to name,
Despite the storm of mammon's rage,
She'll get there, just the same.

Chorus

The plan to build this lifeboat
Was given us long ago,
When Christ upon the mountain
Once gave command, you know.
He taught us there a lesson,
The brotherhood of man;
And, if we'll only heed it,
We'll all get safe to land.

Chorus

She's out upon her mission
To rescue drowning men;
Hold up your head, my brother,
She's coming round the bend.
She's nearing now the wreckage,
To take us all on board;
One dollar will pay our passage,
To sail; yes, bless the Lord.

Chorus

The men who pose as money kings,
Who gamble now in grain,
Had just as well step down and out
Should Equity obtain.
We'll serve no more the money kings,
The Morgans and the Baers,
And while we work for Equity
We'll make no millionaires.

Chorus

No one need wink his other eye,
And say, "I think you'll fail;"
We've had our boat built purposely,
To stand just such a gale.
Built on the plan of Equity,
She's safe and true to name;
In spite of doubting Thomases,
We'll get there just the same.

Chorus

The haste on board, ye farmers, all;
Why longer make delay,
Why longer wear the galling yoke,
That's lead you all astray.
Proud Equity stands ready now,
She's safe and amply strong,
To carry your wife and children too,
So bring them right along.

Chorus

Then come, ye farmers weak of faith,
Who oft have failed before;
Help steer our boat around the snags
That's stranded us of yore.
Remembering this, the farmer plys
His trade by right divine,
And when he works for Equity,
His work is most sublime.
Chorus

Nothin' But a Hayseed

TOM

Hello, old boy! what's happened now?
You look so awfully glum;
Hello! I say, confound the chap!
Is he both deaf and dumb?
Tain't often, Mr. Richard Brown,
You're stupid as a stick,
With solemncholy visage, and—
Say, what's the matter, Dick?

DICK

"He's nothin' but a hayseed, boys,"
I heard some feller say,
When I went in my workin' togs
To market yesterday;
I don't pretend to be no dude,
Nor very much on style,
But when they poke their fun at me,
My blood begins to bile.

HARRY

Yer nothin' but a hayseed, hey?
The counter-jumper's slicker,
With hands so soft, and shanks so slim,
To see 'em makes me snicker;
And them in musty office,
With business cares to cross 'em,
Had orter sniff the upland breeze
When clover is in blossom.

TOM

They'd orter hear the bluebirds sing,
And feel the south wind blowin',
A-whisperin' and whisperin,'
And watch the grass a-growin';
And when the basswood's all in bloom,
And when the fish are bitin',
To sneak with fishin' pole away
Through fields and woods a-kitin'.

DICK

I'd rather hear a lark or thrush,
Or saucy chipmunk chatter,
Than people talk, and talk all day
On what don't seem to matter;
A woodchuck in the underbrush
Is far more fascinatin'
Than style, or fashion, and the rest,
And not so aggravatin'.

HARRY

I'm nothin' but a hayseed, but
A hayseed may be greater
And make a better record than
Some measly small pertater;
Why, all the world depends on us—
A fact that needs no provin'—
Say, don't you know its us what keeps
The hull blame thing a movin'?

TOM

I think yer mighty silly, Dick—
I'll ne'er blush for shame
To claim the country fer my home,
And "farmer" fer my name;
The farmers are all right—they feed
The hungry of the land,
Defenders—in our country's need,
Foremost they always stand.

DICK

Oh, yes, I s'pose yer right, and yet,
I git so dreadful riled,
A-thinkin' and a-thinkin', boys,
I can't feel reconciled:—
We work like sixty, and we raise
Sometimes some corkin' crops,
And sell 'em cheap to feed them blame
Fool fellers in the shops.

HARRY

That's all you know about it, Bub,—
Them fellers has to pay
A-plenty fer their grub, and yet
There seems no other way;
It passes through so many hands—
A profit each must claim—
And by the time they git it, costs
A lot—and where's the blame?

DICK

He's nothin' but a hayseed," boys,
It rankles in my mind;
I'm just as good as any dude,
And smarter, they may find;
And I'm a-goin' to improve
My manners, mind, and clo'es,
And learn 'em that a hayseed's not
As green as they suppose.

HARRY

A hayseed President for once
I'd reely like to see,
And in our way of doin' things,
Who knows—it may be me?
I wouldn't care to be a king,
Or emperor, or czar;
An easy place as president's
A better job for, by far.

TOM

If I am ever President,
I won't fergit, you bet,
The farmers of the country fer
A minute—don't you fret;
I'll fix the laws to help'em git
Deserved prosperity,
The good of all depends upon
A rule of Equity.

HARRY

"He's nothin' but a hayseed," then
Let all the tom-fools say,
The title of the "rail-splitter" does
Not sound so bad today;
A greater or a grander man
The world will never see,
Than 'Honest Abe"—a hayseed born—
The soul of Equity.

Forward, Brother Farmers

Effie Stevens

Brother farmers, fall in line!
Forward, march for Equity!
May the sun of justice shine,
In its splendid majesty.
Over all our land so fair,
Warming every heart for right;
Let the hosts of wrong beware,
We shall conquer them with might.

Brother farmers, take your stand,
On the side of Equity!
Join our ever growing band,
Marching on to victory.
We shall conquer all our foes;
Gain the goal for which we strive;
Laugh at all our former woes;
Wake up, then, and be alive!

Brother farmers, loudly sing,
Joyful songs of Equity;
Let the hills and valleys ring,
With our notes of victory.
Sing of justice and of right;
Sing of newborn hope for all;
Shout the cry with strength and might,
"Equity, our battle call!"

Brother farmers, spread the news,
Of the grand F. S. of E.
All your powers of winning use,
Every moment that is free.
Striving members new to bring,
Who shall help our cause along,
Till the multitudes shall sing
"Equity! We all belong!"

Brother farmer, forward march!
In long, never ending lines;
Pass beneath the triumph arch,
Where the victor's laurel twines!
Raise the standard to the skies!
Equity for each and all!
Fill the earth with happy cries,
Which proclaim injustice's fall!

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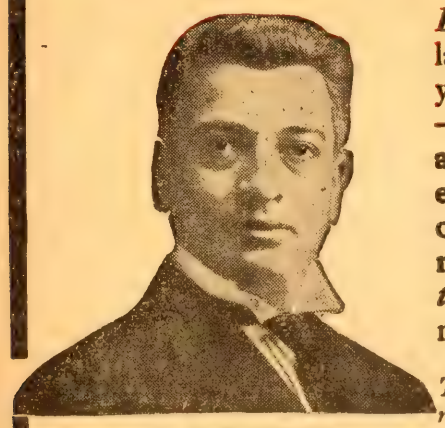
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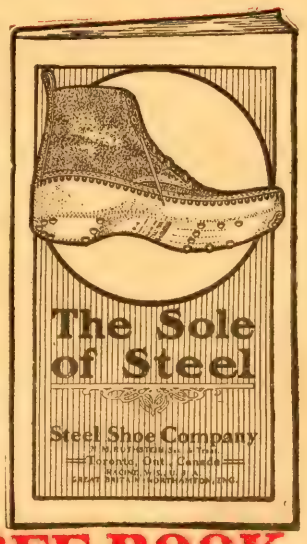
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Which Shoe Will You Buy—Number One or Number Two



N. M. Ruthstein
The Steel Shoe Man

If it's true that I can make your shoes last longer—keep their shape, keep your feet dry, keep them comfortable—make one pair of shoes last as long as three to six pairs of old style leather shoes—save you enough money on shoes each year to buy a lot of new fence for your farm—*if that's true* you'd hire me for your shoemaker from now on, wouldn't you?



That's exactly what 500,000 *farmers have already done.* Half a million are now wearing my modern *steel shoes* for all sorts of work—in place of the old all-leather shoes. Every pair of these shoes was sent out for *free* examination. Every pair sold on sight on its own merits.

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to convince you of the solid worth of my STEEL SHOES. Your foot comfort is worth hard cash to you. Don't put it off another day. Then, after reading my book if you decide to send for a pair of my shoes—Examination FREE—you can see with your own eyes how my STEEL SHOES back up every claim—meet every need of your feet and save you $10 to $20. When my shoes arrive—if you decide to look at them—you can wear them all around the house for a good trial; if you don't like them simply mail me a post card, I'll send for the shoes, pay express charges both ways and return your money—the full amount without any quibbling or questioning. I'm writing this advertisement because it is more economical for me to reach you in this way than by coming to your town. In selling by mail, without the retail shoe store cost, I can offer my shoes at inside prices. I want **your** shoe business. I'll be more careful about fitting you than your local shoemaker. You're naturally prejudiced about an out-of-town man, but you'll lose your prejudice as soon as you wear my shoes. You'll be saying: "I'm for the fellow who has brains enough after all these years to get busy and make a shoe that will stand the weather"—the worst sort of weather—pouring, drenching rain, barnyard mud and ooze, logging, tramping on rocks—every kind of hard work. Shoes with shape and comfort. Shoes without sole leather to warp and crease, and tear out and run over and down at the heel, and get soaked through and stiff as boards.

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My Steel Shoes are Built to Fit the Foot Scientifically

—the right lines—the genuine foot-shape shoe. **They outwear three to six pairs of leather shoes and remain comfortable and shapely to the last.** Look at this illustration, from an actual photograph of one of my STEEL SHOES worn for three years—think of it, three years of hard work! **There's your money-saving.** Now read what the man who wore these shoes says:

N. M. RUTHSTEIN, Dear Sir:—I have a pair of your steel shoes that I have been wearing FOR THREE YEARS for all kinds of work. Working in cement, watering in greenhouses, washing autos and carriages, and all kinds of rough work. They are a godsend. I wouldn't take any price for them if I couldn't get another pair. I used to suffer terribly with weak arch before wearing your steel shoes, but have no trouble now.

W. J. Bradley, New York Mills, N. Y.

That's one reason why you may suffer from tired, sore, aching feet. The arch of your old leather shoes has nine chances out of ten broken down, lost shape. You've become flat-footed, maybe you've had to put in shanks to support your instep. That's the worst thing that could happen to your feet. Now, my STEEL SHOES have fine inner soles of springy, hair-cushion to take all jar. They can't break down, they can't lose instep shape. On hardest roads, the longest day's work your feet are comfortable. You don't have to put in shanks and if your feet are in bad shape now from hard work in leather shoes my STEEL SHOES will put them in condition again.

My STEEL SHOES keep out the heat and the cold. They are warm and dry in winter; cool and dry in summer. My FREE BOOK gives sizes and prices. It will prove to you conclusively that all I say is not half of what **others** have said in praise of my shoes. I can fit your foot perfectly. I can save you $10 to $20 on every pair of shoes and I can give you **sure foot comfort and health.**

Let My FREE Book Prove It—Write For It At Once

Let me send it by next mail to show you how easily I can fit **your foot**—the exact size, no difficulty. Remember, I'm an expert shoemaker. I've fitted half a million farmers, not to mention the thousands of men in other lines of business now wearing my STEEL SHOES. Look at illustration Number 2. The soles are stamped out of thin, rust-resisting, seamless, special process steel—from heel to toe and around the edges and above the sole as shown. No cracks—no seams. Studded with adjustable steel rivets which protect from wear and give a firm sure lower footing. When rivets wear out you can replace them easily and quickly yourself—no trouble—they keep your shoes in good repair for two years more. 50 rivets cost 30 cents.

The uppers are made of special water-proof leather—best quality—pliable. Water or cold cannot penetrate. Your feet are constantly dry and comfortable.

When it costs only a penny post card to investigate, what's the use of suffering discomfort, catching cold, getting bad feet and paying out a lot of extra money for shoes that look good to start with but won't stand the weather and the wear?

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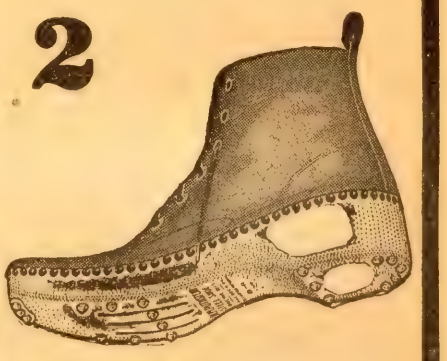
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1



This is the shoe people had to buy up to four years ago

2



This is the modern STEEL SHOE one half million farmers are now wearing

1



This is Number 1 after two months of wear.

2



This is Number 2 — Ruthstein's modern STEEL SHOE after three years of all kinds of weather and rough usage.

Which shoe will you buy

The above are actual photographic reproductions of the actual shoes—worn the exact length of time stated.

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FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

OFFICIAL PAPER OF THE FARMERS SOCIETY OF EQUITY

Volume XIV | OCTOBER 15, 1911 | Number 20

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Up-to-Date Farming

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Consumers' Leagues Prepare to Organize

Farmers Must Not Expect Others to Help Them Unless They Help Themselves

THE marketing of farm produce, from producer to consumer, has come to be the great economic problem of this time. There are three classes vitally concerned and these classes comprise nearly all the people in the country. They are the producers of food, the handlers and the consumers.

The handlers, or what are commonly called middlemen, is a product of the neglect on the part of the other two classes to protect themselves. They are as old as agriculture in the country, but it has been only in recent years that they have developed their system of exploitation to a point that gathers in all the people on both sides will bear. In fact, having learned the tricks of exploitation to a superlative degree their greed is insatiable and the system has actually become unbearable to the consumers.

In the large cities the gap between the producers and consumers has rapidly been widening until the wages paid the laborer can no longer bridge it. The army of middlemen who occupy this middle ground and take ever-increasing toll as the necessities of life travel the tortuous route has grown enormously. A short time ago we published in these columns an estimate that the cost of maintaining the grocery stores and the public market in Indianapolis was nearly $8,000,000 a year. Understand this did not include the cost of maintaining the wholesale houses, commission houses, profits, or the cost of the produce. It was further estimated that with a direct, producer to consumer system of marketing, the distribution could be made for $2,000,000, or a saving of approximately $6,000,000 effected.

As might be expected, where exploitation is carried to an extreme, the masses will turn against the old system. From the Columbus (Ohio) Evening Dispatch we get this:

> A new organization with the ultimate aim of lowering the cost of living by cutting out the unnecessary middlemen will be launched at City Hall on Wednesday afternoon, under the direction of Mr. E. H. Conwell, 188 South Fifth Avenue, who is devoting his entire time to the new organization.
>
> The Columbus League will be a part of a national movement that originated in Indianapolis, Ind. It endeavors to interest all consumers including large consumers, such as hotels, restaurants, etc., and benefit them by abolishing the present marketing

(Continued on Page Four)

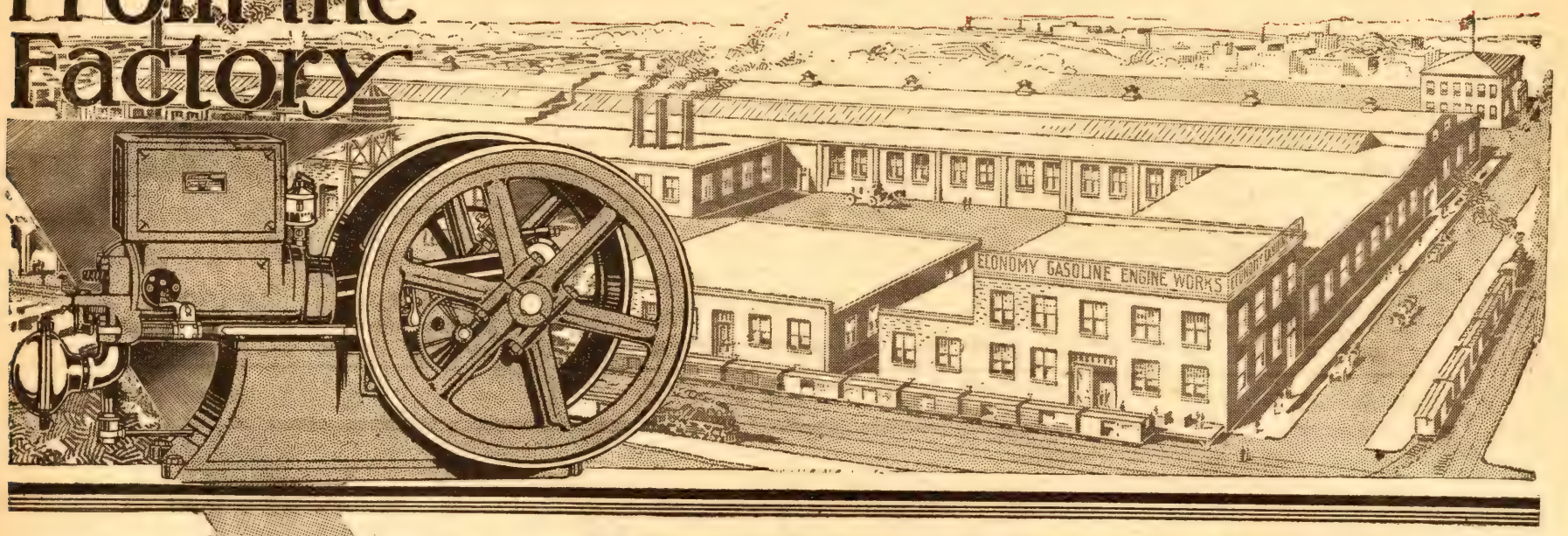
THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

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This advertisement pictures a great fact better than words can tell it. The way we sell Economy Gasoline Engines is the shortest road from the factory to the farm. It is the best selling method for us and the cheapest buying method for you. It's the right way to save money. Get that important fact fixed in your mind, but do not overlook this bigger and still more important point.

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4-Horse Power	$74.75
6-Horse Power	$104.45
8-Horse Power	$168.95
10-Horse Power	$243.45

We are not merely advertising the Economy Engines, we are **selling** them. Before we began this advertising campaign, we started a manufacturing campaign. We have engines **ready to ship the very day your order reaches the factory**—all sizes—all styles, including the style and size **you** want, waiting ready to be loaded into the freight car the moment you say the word. If you know what your engine needs are, if you have made up your mind what horse power you require, **don't lose a moment** writing for catalogs or information. The prices are plainly printed in this ad, and all you need to do is make out your order, enclose the price, and the moment we get it **your engine will be running to work** as fast as it can go. You will never get **a** better chance to get the **right engine** at the **right price** and at the **right time** than **NOW.**

Economy Engines Are as Good as Any Gasoline Engine You Can Buy for Any Price.

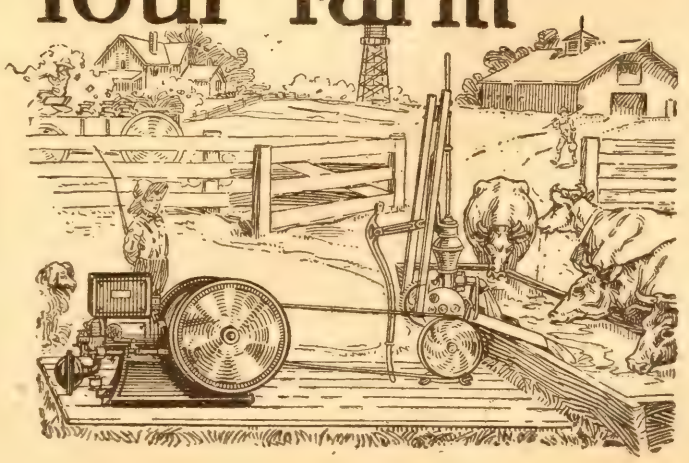
The highest price ever asked will not buy you any better engine, for better engines are not made. We have bought and tested all other makes right alongside the Economy in our own plant, have given them all the same full fair test and have viewed the results without prejudice. The Economy will do anything that you can properly demand of a gasoline engine. No engine can do your work better or more faithfully day in and day out, and the Economy is the only high class engine you can buy that involves no wasted expense or unnecessary profits in the selling.

Our Fair and Square Selling Method Enables You to Try the Economy Without Risk.

You send us your order and we send you the engine. You try it on your own farm in your own way, doing your own work for sixty days. If you are not perfectly satisfied that the Economy Engine is the engine you want, you send it back to us at our expense. If you do not like the Economy Engine the trial does not cost you a penny, because we return both the purchase price and the freight charges. That's the kind of trial that proves something.

Whether you are ready to order just now or not we want you to have a copy of our latest Gasoline Engine Catalog, so write your name in the coupon in the lower left hand corner of this ad and send it to us by return mail. You'll get a book worth having, containing the engine information you want, quoting prices that will interest you, showing you how to get the greatest possible engine value for your money. Get this book right away.

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UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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EDITORIAL

The Cost of Distribution

A STUDY of the cost of distribution is taking the place of the long and labored agitation of the high cost of living. Even the implement men are beginning to realize that it costs too much to get their machines from the factory to the user.

As a rule, though, as soon as the cost of distribution is taken up investigation centers on the transportation companies. This is neither just nor fair, nor does it reach the center of the trouble. The railroad companies may sometimes charge excessive rates; we are not claiming they do not; but so long as the fight to reduce the cost of distribution is made exclusively upon them, an excessive cost of distribution will burden trade and commerce.

The high cost of distribution is built up by littles, and it begins even before the commodity leaves the place of production. It comes of an absurd, unjust and unreasonable system of marketing, a method of trade that accumulates cost to build up profits until the article reaches the final purchaser. The entire transportation system might cut its charges in half, and when the final purchaser paid for the article he would find but little reduction in the cost.

The remedy must be found in a different market and trade system. There must be wiser and more direct shipments, and there must be co-operative buying and selling.

The manufacturers, particularly the farm implement men, realize that their method of selling is an expensive one. In spite of the tariffs enacted for their special benefit and protection, and in spite of the combinations to prevent competition among themselves, there is more or less competition in trade. They must "go after" orders, and that involves the employment of high-priced salesmen. It is difficult to see how this can be cut out of their business, but we see means of greatly reducing it. After all, the main reason for so expensive an order-getting system is with the farmers themselves. If farmers were so organized as to buy co-operatively, many dealers' profits would at once be cut out, and the orders would come to the factories without sending expensive men to obtain them.

But the greatest gain in cutting out the cost of living, is a system of co-operative selling, direct shipment, and the supply of demand whenever and wherever the demand manifests itself. This is apparent on the very face of the statement, and so long as farmers refuse to do it, they may justly be held responsible for the evil by consumers who suffer from exhorbitant profits that make the high cost of living. Such a system is practical, simple, easy to introduce and maintain, and effective as we have fully proven. It only requires organization.

Taft's Tour

WHEN Andy Johnson made a rather unpretentious trip across the country to defend some of his presidential policies, the papers were unsparing in their condemnation of so glaring a departure from presidential custom, and such a lowering, as they claimed, of presidential dignity. "Swinging around the circle" was a standing joke in the press and from the platform generally.

Presidents since then, however, have "swung around the circle" on all sorts of occasions, and to an extent that would have made Andy Johnson's famous circle seem like grounds for a baseball game. The latest is that of President Taft to defend his Canadian free trade policy and his determination to have high tariff on everything but farm products as exemplified in his three vetoes of three separate measures enacted by congress reducing the tariff on various manufactured articles.

But the joke of it is, that even while Mr. Taft was swinging around the circle, something was doing in Canada. The **PEOPLE** seem to rule in that great country dependent upon a crown whether they are allowed to do so in the United States or not. The people of Canada were invited to vote at a general election, making the agreement with the United States the leading issue, and the Taft proposition was overwhelmingly rejected, the party that has ruled Canada undisturbed for fifteen years being overthrown and a different party brought into power.

This emphatic vote of the people of Canada is a great relief to the farmers of the United States. As we have so often argued in these columns, the ratification of the agreement meant lower prices for American farm products—everything that was thus put on the free list—and that was clearly the object of its promoters. Even the probability of its ratification had already depressed prices, and cost the farmers of this country who sold their stuff during the pendency of the question millions of dollars. In proof we quote from the daily press some headings of the market reports that appeared the day after the result of the Canadian election was known:

"Reciprocity Loss Benefit to Bulls" (those that favor higher prices). "Wheat and Flour Prices Soar and Market Recovers Activity—Corn Strong." "Wheat Scores Top Prices for Season." "Wheat Active and Prices on Upturn."

In further proof we quote the following market statement from the daily press of September 25, the first after the result of the Canadian election and the defeat of reciprocity was known:

Reciprocity was the chief factor in the local grain market last week. During the earlier stages traders were holding off, awaiting the result of the election, while announcement of the defeat of the proposition resulted in a sensational advance. Friday's market was one of the most excited and active in many months.

In the northwest flour brokers changed their bids for flour, as a result of buyers having held off pending the outcome of the Canadian election, and sales were the largest ever known on a single day. Minneapolis wires estimated sales there were nearly 250,000 barrels, and elsewhere the volume of business was correspondingly large.

The local pit presented more life and animation than for weeks, traders who have been awaiting the result of the reciprocity test jumping in and executing their long-deferred orders.

That trading, it must be noted, was all in American stuff, and the prospect that Canadian stuff would be admitted to our markets free, with its attendant lower prices, caused buyers to hold off and wait for those lower prices. Such depression of prices in anticipation of the free flood from Canada, as we have already said, involved American farmers in the loss of millions of dollars, and William H. Taft, President of the United States, and the Democratic majority in the House of Representatives are responsible for every dollar of that loss the same as they would have been responsible for the entire result had Canada ratified the agreement.

This strange attempt to slug the American farmers by those temporarily in authority in this country and the saving of our people by a foreign country from a grievous wrong forced upon them by those in authority in our own government—occupy a strange place in history.

Mr. Taft may well continue to "swing around the circle." There will be many explanations to make and many will be made between now and the next presidential election; but if the markets had been depressed and lower prices made in anticipation of the ratification of the agreement, and if the market immediately sprang into life and prices went upward on the announcement that the agreement had been defeated, it is unquestionable that prices would have gone lower to have staid lower permanently had the agreement been ratified. It will take several "circles" to explain that away, and party prejudice must certainly be strong that will not hold these people responsible for it. That we have been saved from its effects is no credit to those who forced the acceptance of the agreement on this country. A purpose of Taft's tour, begun at the time it was, was to influence Canadian voters, through reading his speeches, to support the agreement. His failure is almost pitiable.

But the danger to American farmers is not yet entirely passed. The determination to have free trade in farm products still exists among our lawmakers. This determination on the part of our President and the almost unanimous vote of the Democratic majority in the House as was given for the free trade agreement, backed by its Republican supporters in both House and Senate, could enact such a measure in spite of Canada or anybody else—could make it as an American law revising the tariff. They have proven themselves sufficiently reckless of farming interests to justify us in looking for such an act. Farmers, be on your guard.

Scientific Taxation

YOU shall not change the tariff on manufactured goods until you can do it scientifically, is what President Taft said to Congress in his vetoes of the tariff revision bills. Congress must wait until the President's tariff board has reported on the matter, and then they will know better how to do it.

But these precautions were not at all necessary in regard to the tariff on farm products. Farmers, of course, are not scientific people, and what they produce are not scientific articles; they simply grow out of the soil, and whatever protection the government has extended to them is unscientific and must be taken away.

But how about the tariff board in that case? Oh, those who compose the tariff board are not interested in the farmers. They were not expected to bother with farm products. The speculators and boards of trade will attend to them. The farmers are competing with each other anyhow, and it will be all the same to them if we take off the tariff from their products and open the doors of Canada so that Canadian farmers can compete with them too. There is no scientific requirement about that.

But, Mr. President, the farmers have to buy those things you won't allow the tariff to be reduced on. If they can't sell their stuff at a profit they can't get money, and if they have no money they are unable to buy at either high or low prices, and if they can not buy manufactured commodities they can not live as American farmers ought to live. But the President gives us to understand that he can not look after all those details; he leaves that to his tariff board. It is enough for him to see to it that all protection is quickly and unceremoniously taken from the farmers, but not the slightest reduction must be made in the protection extended to other classes. If that makes what the farmers have to sell lower and what they have to buy higher, that is a matter for scientific consideration.

Scientific taxation, therefore, seems to be, in the opinion of Mr. Taft and the ruling powers, to make the farmers pay the taxes and not allow them to have anything to pay them with.

A friend near us wishes to know how the authorities dare to thus discriminate against the agricultural classes. It is not a question of dare; it is merely a question of plucking a goose to feather a nest. Farmers as a rule are quiet, sincere, earnest and hardworking people. They have not gone far enough yet to co-operate much with each other. Unorganized, no one has any more than his individual power. In politics alone do they seem to have any cohesion, and in this some are for Paul and some for Apolis. Cunning politicians fill them with prejudices and make them 'rah for whatever the leaders do. This makes them absolutely harmless as a political element, divided among themselves and neutralizing their own efforts. The official leaders, dictators it would perhaps be better to say, are not at all afraid of them. Hence, the farmers may thus be discriminated against without any danger to those who do it; and that accounts for the situation the country is in at present. Almost every great interest is monopolized and controlled by a cluster of millionaire concerns, with which the government plays as the cat does with a mouse, but with no danger of either punishment or death. Thus are farm selling prices low and buying prices to eaters high, while the world grumbles at the high cost of living.

Waiting to See

WE ARE assured by farmers everywhere that our arguments for farm organization are unanswerable; that a real necessity for such organization exists; that disadvantages under which farmers have so long labored can be overcome in no other way. They realize and freely admit it to us and to organizers that a different system of marketing, of both buying and selling, is essential to success in agriculture, and that such a system as we advocate would make farming the greatest and most independent business on earth; and at the same time, it would be the greatest possible boon to consuming buyers.

Admitting all this, one would think every farmer would be anxious to enter such an organization at the very first opportunity. And they are BUT. That eternal "BUT" gets in the way of more great things than any other word; all the other words of the English language.

Though convinced of the importance of the movement and the necessity for prompt action, so many farmers—wait to see what may happen, or what the result may be.

Why, dear friend of the farm and of humanity, the very thing you want to wait to see depends upon you and others like you. Nothing could ever be accomplished if all waited to see, and every one that waits to see makes it that much longer in coming. Why wait? You are asked to make very little sacrifice. Not much is required of the membership except their influence, co-operation and support, and really progressive farmers don't want others to do these things and accomplish such great results while they themselves are merely "waiting to see." They want a hand in the work and a share in the honor.

We are not willing to believe that the small membership fee required is holding any one back. That is simply a means of pushing the work to greater and speedier accomplishment; and every farmer every year, every month, every week, loses more than that sum through the present disastrous system of marketing. Don't wait. Do it NOW. That is the true way to see.

Now Find the Seat of Disease and Apply the Remedy

WE NOW look for some good results to follow the Canadian reciprocity fiasco. Those who buy provisions complain a great deal at the high prices they have to pay. But their narrowness of vision prevents them from seeing any cause for it except in the prices received by the farmers for the raw material, and their fear of offending powerful influences prevents their attempting to apply any remedy except in forcing down farm prices.

The failure to bring Canadian products into our markets free will compel them to look elsewhere both for the cause and a remedy. It has been conceded all along by reasonable people that the trouble is not with the farmer; that the farmers do not receive and have not been receiving more than profitable prices for their stuff, including products and stock; that sometimes prices have scarcely been profitable, and that farmers have never failed to produce an abundance, if properly distributed, to supply the demand. This is proven by the quantity of such stuff annually exported.

In spite of these conceded facts, the parties that do the most complaining at high prices, see nobody involved in them but the farmers. These people must now look to some other source and find a remedy elsewhere. But even then will they have the courage to apply it? As an evidence of the awakening, Dr. Wiley, the noted enforcer of the pure food law, whom the dishonest dealers in such articles have tried so hard to drive from the public service, declared in a recent interview: "The sole solution of this high price of food question is the elimination of needless middlemen and bringing producer and consumer closer together." There must be co-operation, continued Dr. Wiley, but it must be co-operation intelligently directed. Voluntary co-operation must necessarily be a failure. This makes organization an absolute necessity, not so much an organization to maintain prices as to direct and control marketing and distribution, which will bring producer and consumer together, and not only maintain reasonable prices, but positively prevent unreasonable ones. Such an organization this paper has continuously advocated.

In the matter of meats, said Dr. Wiley, the product passes through five hands. The little broker who goes about the country buying cattle, the big broker at the stockyards, the packer or the butcher, then the wholesaler and the retailer. Let this chain be as direct as it may the public has to pay five profits, and often are included many more than this.

When the size of the profits claimed nowadays is considered, it is no wonder that the price of foodstuffs is high, and both cause and cure are between the producer and the consumer. Will the complaining eaters have the courage to stop these leaks, and will the farmers be brave enough to organize and adopt a system of marketing to supply demand and of direct shipment? If the reciprocity scare on the one hand and its failure on the other, shall bring about such a result, the American people may yet find something in it to be thankful for.

Results of Farm Organization

WHENEVER and wherever the farmers have organized for good the results have been good. Only a little while ago farmers organized some clubs in DeKalb county, Illinois, and we are told that already the effects are easily perceptible. Farming has taken on renewed interest, and there is more intelligent direction of farm operations. Fewer weeds are found in the fence corners, there are cleaner lawns, better dressed families, and a better social spirit exists. Educational standards are higher, and there have been more co-operative undertakings.

These clubs were organized only for general neighborhood purposes, and to co-operate with the farmers institutes. Suppose they had been organized on a broad national basis, with the distinct purpose of making farming a real business; of guarding production and selling and buying, as other businessmen do—of selling at reasonable prices made by the owners of the stuff and buying in such a way as to remunerate the handlers and distributors, but not paying profits to make millionaires of the dealers. Suppose the purpose of the organization had been to "secure equity in all the relations of farm life." That would have included every purpose the clubs had and so vastly must more as to almost dazzle the imagination.

It would have been just as easy to have organized in the latter way, and to have had the effective support of a national society that is conscientiously looking after every farm interest and holding under its broad protection every farm crop—Local Unions of the Farmers Society of Equity.

Direct Marketing Already in Vogue in Indianapolis

Mayor Shank, of Indianapolis, has shipped in several carloads of potatoes direct from the producing sections and sold them on the city market at lower then prevailing prices. One hundred men employed by the Pennsylvania railroad shops in the city have formed a club to buy potatoes and other necessities of the home co-operatively. The post office clerks at the Indianapolis post office have also clubbed together to buy potatoes, apples, etc., co-operatively. All of these things have been done within a week and now a city-wide movement is on foot that may lead to buying all farm produce consumed in the city direct from the producers.

And this movement is not confined to Indianapolis. The rebellion against the old system of marketing is on in nearly every city in the country. The consumers see that the middlemen have been robbing them and they don't propose to permit it much longer. But how is it with the farmers. They have been deprived of their just reward for many years, but even now they are meek and most of them are still willing to bend the neck and bear the yoke, while they could, by making one determined stand, throw it off forever. It is not surprising that the people in cities are preparing to strike the blow that will crush the old iniquitous system of marketing the necessities of life, but it IS surprising, and humiliating to people who have taught the practical way to farmers' freedom, to admit that there is yet a farming community anywhere in the country where people have not taken the necessary steps to protect themselves from the same system.

Nothing worth while was ever attained without an effort. The consumers are not going to GIVE even profitable prices to farmers, if they, when organized, can buy at less. This paper will encourage and help the consumers to organize along sound lines even though it results in another institution to buy cheaper. Perhaps the organized consumers, with the avowed purpose of buying cheaper, will force farmers to complete their organization quickly for very self-preservation. We hope so.

Don't Forget It

THE ways of our political slackwad statesmen is to play the de'el with the best interests of the country and the people, and then smooth it over so that it will be forgotten by the time the next opportunity comes to do something devilish. Don't forget that Canadian reciprocity business. That was a deliberate act to play into the hands of the combined mills and other special interests, and double their opportunities to grab from the American farmers. No matter what the papers or politicians may say about it now, or what they may have said about it before, it was a one-sided blow at American agriculture, and that was the effect of it. President Taft knew it would have the same effect on the markets that heavy surplusses always have. Secretary Wilson knew it would depress American prices and reduce the profits of American farmers. The Democrats in Congress knew that also, but they thought they saw an opportunity to gain favor with the big interests and yet pretend to be working for lower tariffs. They eagerly seized that club and deliberately struck the farmers with it. The whole push knew exactly what they were doing, and they knew the farmers would raise a storm, but as usual, they thought they could allay the storm before the lightning struck any of them.

Well, we shall see. The farmers ought certainly to remember this time. If, as the Philadelphia Farm Journal says, "If that measure had not been so brutally unfair and one-sided—against the farmers' side and in favor of that of the manufacturer and other big interests," we might be willing to forget, but not now; no, not now. When the politicians try to smooth you out, draw up your foot and let it go out with vim and vigor.

Consumers' Leagues Preparing to Organize

(Continued from Page One)

tem that, it is claimed, takes 60 cents to land at the consumer's doorstep 40 cents worth of farm produce.

Several thousand farmers are already enrolled as members of a marketing league—the Farmers Society of Equity. They are, of course, in favor of the consumers' league proposition, as they can get part of the saving, while the balance will go to the consumers.

The first step toward what will probably result in a complete consumers' organization in Indianapolis was also taken on Sunday, October 1, by Typographical Union No. 1. C. E. Cole, E. W. Hearne, George Everett, Frank Eddy and F. H. Simpson were appointed a committee. They will make plans for a meeting at an early date to discuss the high cost of living and devise plans for relief.

Mr. Cole, the chairman of the committee, said: "This movement is not for union labor alone. It concerns all men who are affected by the present deplorable condition of prices. While the movement starts with one of the labor unions, we will ask co-operation on the part of all other union, non-union and salaried men.. This problem affects every man who works for wages and we want the co-operation of all." The resolution adopted by Typographical Union No. 1 follows:

WHEREAS, The cost of food to the wage earner having attained its present magnitude, and believing that, with the co-operation of the members of organized labor in this city, a system can be adopted whereby the products of the soil can be secured to the consumers at values more nearly commensurate with the cost of production, be it, therefore

ORDERED, That the president of Typographical Union No. 1 appoint a committee of five, which committee shall be empowered to call a meeting in the assembly room of this organization, of representatives from various like bodies in the city, and such others as it may deem wise, and report its deliberations along the lines above indicated at the November meeting.

The investigations and report of the high cost of living committee in Indianapolis is directly responsible for this movement. The editor of this paper is working with the committee and he will see to it that whatever plan is decided upon will conform as nearly as possible with our recommended plan for Consumers' Leagues, and which was printed in our September 1st number. That plan provides for only three factors in marketing farm crops—the producer, the transportation company and the consumer. We believe it will be adopted in Indianapolis and Columbus, and in all other cities in comparatively a short time, because of its simplicity, lack of necessity for capital stock, and evident ability to accomplish the results desired.

Farmers, naturally, will be gratified at the evident determination on the part of the consumers to organize and provide places where produce can be shipped direct from the farm to the consumers' own receiving and distributing stations. But we warn them again, as we did before. Farmers are not sufficiently organized yet to control their marketing and prices. Unless they organize rapidly and reach that point soon this step on the part of the consumers will not operate to the producers' benefit. The consumers are organizing to buy cheaper. How cheap? Why as cheaply as they can. But let the farmers complete the Farmers Society of Equity up to the point that it controls the temporary surplusses of crops and directs the marketing and there will be enough saved out of the 60 per cent. taken by the old system to satisfy both ends.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.

CONTROLLED MARKETING COMPELLS THE PRICE — KEP YOUR EYE ON THIS STAR

1911 CROPS

WHEAT—No. 2 Red, at Chicago	$1.25
WHEAT—No. 2 Northern Spring, at Minneapolis	1.30
OATS—No. 2 White, at Chicago	.55
BARLEY—Good malting, at Chicago	1.00
RYE—At Chicago	1.50
HAY—Choice Timothy, at Chicago, ton	$22.00@$24.00
POTATOES—Choice, at Chicago	.85
BEANS—At Chicago	2.50
COTTON—New crop, to the grower	.13
BROOMCORN—Choice Illinois, at Chicago, ton	$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton	125.00@150.00
CATTLE—Good to choice, Steers, at Indianapolis	$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis	7.00@7.50
HOGS—Good to choice, lights and mediums	6.50@7.00

1910 CROPS

CORN—No. 2 White, at Chicago	$ .65
BUCKWHEAT—At home market	.85

Advice

Hold all crops that are not selling at the minimum prices or above. Market only while the price will be paid. Watch the market and this department and stop as soon as the price declines below the Minimums. Old readers know that it pays to act on our advice. We have been giving advice about prices and marketing for nine years and the mistakes have been the rare exceptions. No matter what you think of the minimum prices and our advice now, you will make more money if you respect them. Help to get this paper in the hands of all your neighbors.

FROM that old reliable journal of "Trade, Finance and Public Economy" — Bradstreets. — we quote: *The defeat of the reciprocity program in Canada is responsible for the better feeling that exists in New England as regards hay, while the lumber interests in the northwest also seem to be satisfied, and the grain-growing sections are likewise benefited.*

We consider that Bradstreet's is too modest. We believe nearly every section of the country, and every industry has been benefited by the disposition that was made of the matter, through a return to normal conditions. Our country was phenomenally prosperous from 1902 down to 1910, and it is difficult to conceive how any people who were interested in the continuance of that prosperity would undertake to make such a doubtful experiment. The degree of prosperity could hardly be increased, in fact no person was demanding greater prosperity. Now that normal conditions exist again (except for the tariff tinkering), we hope the country will soon assume the former prosperous condition.



So far the autumn has been favorable to pastures and wheat seeding, except excessive rains in some localities, and for the maturity of the corn crop. A large increase in wheat acreage, over the earlier conclusions seems certain. The advance in wheat prices and confidence in future values is responsible for this.

The Northwest is threshing and marketing wheat now. Our price comparisons below reflect this, as the price of spring wheat has gone down some. This, however, will be very temporary. The buyers will soon gather in the dumpers' crops who are greatly in the minority. Spring wheat will, we predict, be held more generally than ever before. Two hundred dollars will buy a steel elevator for local needs and where the farmers are organized they can ship and store in the big terminal elevators as well as the speculators and millers can. There ought to be more granaries on the farms, more local unions and elevators at the stations. They increase wherever this paper circulates. Therefore increase the circulation of this paper.

Rarely are the market figures more interesting and worthy of study than this time. First we find that the wheat visible increased only 27,000 bushels, compared with 3,985,000 bushels in the former report, and an increase of 2,936,000 bushels in the corresponding period last year. All grain prices are higher except spring wheat at Minneapolis, which is about 4 cents a bushel lower. This is because that section is in the height of threshing and marketing. Its influence may hold wheat prices down a little while but not permanently. During the time of low prices while the reciprocity (we don't like to write that word as referring to the late matter, because there was no reciprocity about it) agreement was pending enough of our wheat was exported to leave us with only a home supply. So our farmers can control the situation for the balance of the crop year if they will. They will if enough of them can be rounded up to read this paper. If you want $1.25 wheat see that your neighbors all read Up-to-Date Farming.

It is significant that the highest market for wheat is Kansas City. Even New York is not as high. This is because of the big visible supply. We would not be surprised to hear of wheat that was raised west of the Missouri river and shipped to Buffalo and New York returned to the same sections to be ground into flour.

The highest markets for corn and oats outside of New York is Cincinnati. Other southern markets are equally good.

A year ago cash corn was quoted at around 50 cents, with the prospect for the biggest crop ever harvested, which materialized. Before the next crop is on the market that same crop is selling at 70 cents and above! Question: How high will the short crop of 1911 sell? We don't want it too, but just see if it don't sell near or to a dollar.

Potato situation is very much like corn. Rather than sell below 60 cents or thereabouts at shipping station we recommend good, safe storage.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on September 23, 1911, with comparisons, are shown in the following table: (The sign — before the figures means decrease, X means increase.)

	Sept. 23 1911 Bushels	Change from 1 wk. before Bushels
WHEAT	57,618,000	X 27,000
CORN	8,016,000	— 609,000
OATS	27,549,000	X 776,000
BARLEY	3,184,000	— 131,000

Closing Prices of Cash Grain

Cash grain closed in the leading markets on October 4, two weeks before and a year before, as follows:

	Oct. 4	2 wks. before	A Yr. before
WHEAT, No. 2, RED			
Chicago	96⅜@96¾	95¾@96¾	90
St. Louis	.98 @99½	97½@98	94
Kan. City	99 @99½	96 @96½	91
Cincinnati	98 @99	96 @97	95
New York	98½	99¾@1.01	95
CORN, No. 2, WHITE			
Chicago	70½@71	68½@68¾	50½
St. Louis	70½@71	69½	49½
Kan. City	69	67	47½
Cincinnati	73½@74	70½@71	51
New York	76	74½@75	57¾
OATS, No. 2, WHITE			
Chicago	47½@48	47 @48	33
St. Louis	46½@47	47½	33
Kan. City	47½@48	46½@47½	32
Cincinnati	49½@50	47½	34
New York	53 @53½	52 @52½	37½

Minneapolis—No. 1 hard spring, $1.08¼; No. 1 Northern, $1.06¾@1.07¾. Two weeks before, $1.12¼ and $1.10@1.11¾ respectively. A year before, $1.02¼ and $1.01½ respectively.

Future Grain Prices

Chicago grain futures closed October 4, 1911, and two weeks before as follows:

WHEAT—December, 97½c; May, $1.03; July, 99⅞c. Two weeks before, 99⅜c and $1.05¾ respectively.

CORN—December, 64⅝c; May, 65½c. Two weeks before, 64½c and 66½c respectively.

OATS—December, 47¾c; May, 50¼c. Two weeks before, 47⅝c and 50c respectively.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Sept. 22. 1911	Sept. 15 1911	Sept. 23 1910
American	1,256,700	1,011,944	972,133
Other kinds	665,000	686,000	604,000
Total	1,921,700	1,697,944	1,576,133

The visible supply increased 223,856 bales since our last report.

Price, New York, Oct. 4.—Middling uplands, 10.20c; middling gulf, 10.45c. The price is 65c per cwt. lower than on September 23, before.

Live Stock

Indianapolis, October 4, 1911.

CATTLE—Good to choice steers, 1,300 lbs. and upward $7.00@7.70

Good to choice, 900 to 1,100 lbs. $5.50@6.25

The price is practically the same as our last report, September 23.

HOGS—Best heavies, 210 lbs and upward $6.80@6.90

Good to choice lights, 120 to 130 lbs $6.50@6.75

The price of hogs is about 25c per cwt. lower than on September 23.

Chicago Produce Market

October 4, 1911

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—Arrivals by cars, with comparisons, follow:

	This wk.	Last wk.	Last Yr.
Monday	109	189	115
Tuesday	101	115	43
Wednesday	57	64	23
Total, 3 days	267	368	181

There was an adance of 3c in price today. A generally strong feeling prevailed. Owing to wet weather in the country loading has been restricted and light receipts are expected for the near future. Arrivals today were much more moderate than they have been. At the advanced prices there was a very fair trade.

Sales reported were: Wisconsins—1 car sacked at 65c, 2 cars bulk at 67c, 4 cars (1 car bulk) at 68c, 1 car sacked at 69c, 2 cars sacked at 70c. Maine Cobblers—1 car bulk at 70c, 1 car do. at 75c.

Bulk, per bu, Minnesota Red River Ohios, as to quality	$ 70@ 72
Sacked stock possibly higher.	
Bulk or sacked, Wisconsins, Burbanks or Rurals, as to quality	65@ 70
Michigans, as to quality	65@ 70
Main Cobblers, good to choice	70@ 75

Wisconsin potatoes are quoted 5 to 8 cents higher, and Michigans about 5 cents lower than on September 23. The price is about 25c higher than a year before.

STRAW—Scarce and firm. Rye straw quotable at $9.00@9.50; oat straw at $7.00@7.50; wheat straw at $6.00@6.50.

Rye straw is 50c a ton higher. Wheat straw $1.00 a ton higher and oat straw is unchanged from September 23.

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
X 14,335,000	X 34,525,000	X 2,936,000
X 281,000	X 2,989,000	— 761,000
— 1,949,000	X 9,591,000	— 990,000
X 705,000	— 245,000	X 94,000

BEANS—Nothing new learned of. Demand still quiet. Stocks small in hands of dealers. No consignment offerings noticed.

Pea Beans—	
Hand picked, choice	$2.28@2.35
Good but not strictly hand-picked	2.17@2.21
Mediums nominally about same as Pea Beans.	
Red Kidneys, depending on quality	$2.75@3.00
Brown Swedish, long	2.75@3.00
Round	3.00@3.25

Hand-picked, choice pea beans are 5 to 7 cents higher and others unchanged since former report.

BROOMCORN—No quotations at Chicago. St. Louis reports as follows: In demand. Latest sales in car lots were at $90@130 a ton, but the same corn is held at $20 to $30 a ton advance.

From a letter dated October 3, from a farmer at Montrosa, Mo., we quote as follows:

Here in the field, 500 or 600 miles from Chicago, broomcorn sold last week for $210 a ton. Over in central Illinois it sold for $200 to $245 a ton. City quotations are furnished by the people who want to buy cheap and they want to keep the true condition away from the growers. The price of broom corn is largely controlled by a few people. This is true of this crop, more than of any other. The sales I referred to were mainly to manufacturers, but speculators are buying some, too, even at these prices.—IRA J. MARSH.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	6,271	6,890	5,101
Tuesday	6,915	7,493	6,261
Wednesday	5,497	7,241	7,000
Total	18,683	21,624	18,362

There is a good trade for fine, fresh eggs, and all such are taken quite readily to supply home consumptive wants and to fill outside orders. The receipts are dropping off some, and some storage eggs are being brought out to fill in the shortage. The quality is good, but there are some complaints about poor eggs coming from different sections and these, while selling, do not move as satisfactorily as the better lots, and sell at irregular prices, depending on the quality.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned—Eggs which will not grade—14½@17½c, depending on quality.

Ordinary Firsts quotable at 17c.

"Firsts" quotably 19c per dozen.

"Prime Firsts" quoted at 20½c.

Checks or Seconds quotably 6@9c, depending on quality.

Dirties quotably 11½c per dozen, and candled stock will command a higher price.

The prices are practically the same as our last quotations.

APPLES—A shade better prices prevail for all apples of fine quality and packing. Supply fair, not large. There is a fairly good home demand. Shipping business is small.

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When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

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Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

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Production and Marketing

THE POTATO FAILURE

WE SUPPOSE there never was a season when the potato crop was so nearly a universal failure in this country. Advices of almost everywhere, indicate that the yield of potatoes is far below the normal, and that the quality is correspondingly bad. Even our Cadet letters, which come from every State in the Union, and which could not have a price or market prejudice, if they speak of the potato crop at all, speak of it as being bad. In most cases all the leading crops are below the average, but in a few instances we are told "Crop prospects are good in this locality except potatoes, which are very poor." We do not remember a single instance where a good potato crop is reported.

How is so general a failure of this crop to be accounted for? There has been an unfavorable season. Excessive drought and intense heat have prevailed over wide areas of the country and have caused a general low condition of crops; but where the heat wave has been shortened and the drought has been broken by copious rains other crops have revived and promise better yields, but not so with the potatoes; and in sections that have been free from bad weather conditions, potatoes are reported bad.

This is a matter that scientists and "experts" may well investigate. Are there subtle conditions, invisible and imperceptible, that may affect a certain crop in spite of other conditions? And might this condition, whatever it is, affect more than one crop, all the crops, at the same time, and may historic famines be traced to such a cause?

We are a learned people, but there are still many things we do not know. One thing, however, we may decide now, and that is the people of the United States, if not of the world, will use fewer potatoes between the crops of 1911 and 1912 than ever before, and those who do use them will have a decidedly inferior article and will pay enormous prices for them. The potato has not been piled up in storage houses.



AN AUTOMOBILE DOES GOOD WORK ON THE UP-TO-DATE FARM

MOTOR CAR VS. DRIVING TEAM

THIS is a problem with some farmers—some who could afford the first cost of a car but hesitate on account of the upkeep expense.

The opinion of most farmers who have cars is that the automobile can be operated as cheaply as a driving team.

One farmer's team may cost more than another's motor car. And another motor car may cost less than someonelse's team. It all depends on the man. One man may put in twice the expense on his team as a neighbor.

Automobiles are just high-grade machines—mostly engine. They are much more reliable than they were only a few years ago. In fact, all good autos now can be depended on as reliably as a steam engine, if they are used intelligently.

We have seen automobiles so abused that it was no wonder they gave poor service; the wonder was that they ran at all.

Many careful farmers who have kept a record report that an automobile costs just about the same as a good team to drive, that is cost per mile. This is counting interest and depreciation.

But when considering the time saved by the car it puts the auto ahead. This is an important factor. One fast run in an emergency may be worth the entire cost of a car, in case of sickness.

Does the farmer want his car plain as possible or does he want it to be as ornamental as a city car? Farmers are busy men who can seldom spare time to polish brasswork and keep it bright, and motor car makers will do well to consider their requirements in this direction when seeking to sell them machines. This point is well brought by a letter from C. C. Rez, of Mulberry, Ind., one of the most prominent farmers in the state, who writes as follows to the Hudson Motor Car Co., 6094 Jefferson Ave., Detroit:

"With pleasure I take a little of my time in a busy season to write you that my Hudson hasn't cost me as much for last season as it would cost to feed a horse, and the service has been so much more satisfactory—no horse to hitch up, no horse for the flies to torment. After one has worked all week with horses that are contrary—they are all alike—and driven mad with flies, it is a pleasure beyond description to drive a car that isn't costing much and is giving good service and is always reliable like the Hudson.

"But I want to say that if all farmers are like myself they wouldn't want any brass on the car, not even the lamps or wind shield, because if I am busy all week I don't want any extra polishing, more than my shoes, before I am ready to start."

Was Willing to Risk It

Anxious Mother.—"When he asked you to marry him, did you tell him to see me?"

Engaged Girl.—"Yes, and he said he had seen you several times, but he didn't hold me responsible, and he was willing to have me anyhow.

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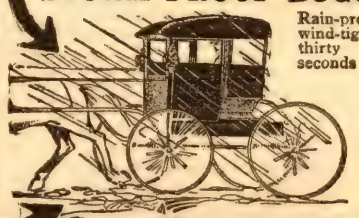
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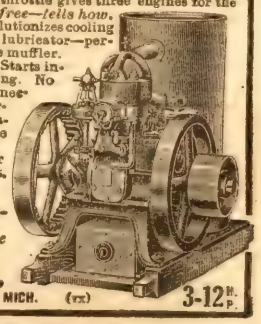
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SMILES

Avoids Shocking Them

New Wife to the Grocer—How do you tell bad eggs?

Grocer—I never tell them; I just break it to them gently.

Loyalty

"Is this you, doctor?" asks the nurse over the telephone.

"Yes," answers the physician.

"Well, you know you said Mr. Bonder would not show any signs of improvement for five or six days?"

"Yes."

"Well, this is only the second day and he is a great deal better already. Shall I give him something to make him worse for the other three or four days?"—*Life.*

Modern War

"Your soldiers look fat and happy. You must have a war chest." "Not exactly, but things are on a higher plane than they used to be. This revolution is being financed by a moving-picture concern."—Louisville Courier-Journal.

Not Like Her

Grandma Curtin was doing her best to entertain her little grandson, and for his amusement had played that she was every kind of an animal she could think of that could be represented by a human being. At last she asked:

"Does your other grandma ever play with you like I do?"

Drawing himself up and looking supremely indignant, the little fellow replied: "I should say not! My other grandma is every inch a lady!"

Didn't Want to Borrow

Little Boy in store—Mamma wants a tape line.

Clerk—How long does she want it?

Boy—She didn't say, but I think she wants it all the time; I'm to pay for it.

Why They Liked Him

The new superintendent of the asylum for the insane was leisurely strolling about the grounds when one of the inmates approached him and said:

"We all like you ever so much better than we did the other superintendents."

"Well, I'm glad of that, my man, but why do you like me better?" asked the superintendent.

"Why, you are so much like the rest of us!" was the confident reply.

A Domestic Serial

Mrs. Littletown—"This magazine looks rather the worse for wear."

Mrs. Neartown—"Yes, it's the one I sometimes lend to the servant on Sundays."

Mrs. Littletown—"Doesn't she get tired of always reading the same one?"

Mrs. Neartown—"Oh, no. You see, it's the same book, but it's always a different servant."—Suburban Life.

Irreverent

Robert, age ten, was playing with the other boys on the corner of Nineteenth and Tioga streets, when his mother, who had been listening to his conversation, called him.

"Robert," she began, in a grieved tone, "I never thought I'd hear you swearing."

"Why, I wasn't swearing, mother," the boy defended himself. "I only said 'the devil.' That isn't swearing."

"Well," replied the mother quickly, "maybe it isn't exactly swearing, but it is making light of sacred things."—Philadelphia Times.

Hadn't Time Enough

"How old are you, my lad?" asked the traveler of the little boy playing near the gate.

Nine years," answered the boy.

"Are you not mistaken? You must be older than that," said the man.

"Mamma, ain't I just nine years old?" the boy called out toward the house.

"Yes, Tommy," came the answer.

"What made you think I was more than nine?" asked the boy.

"I didn't think you could get as dirty as you are in nine years," answered the man, as he hurried away.

One On Him

"When I landed in Chicago," said the millionaire, "I didn't have a cent in my pocket."

"Well," rejoined the merchant, "when I landed in Chicago, I didn't even have a pocket."

"How do you mean?" asked the millionaire.

"I was entirely naked, the stork brought me," said the merchant with a twinkle.

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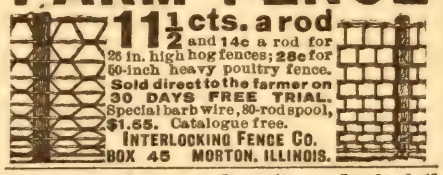
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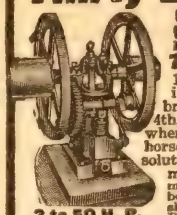


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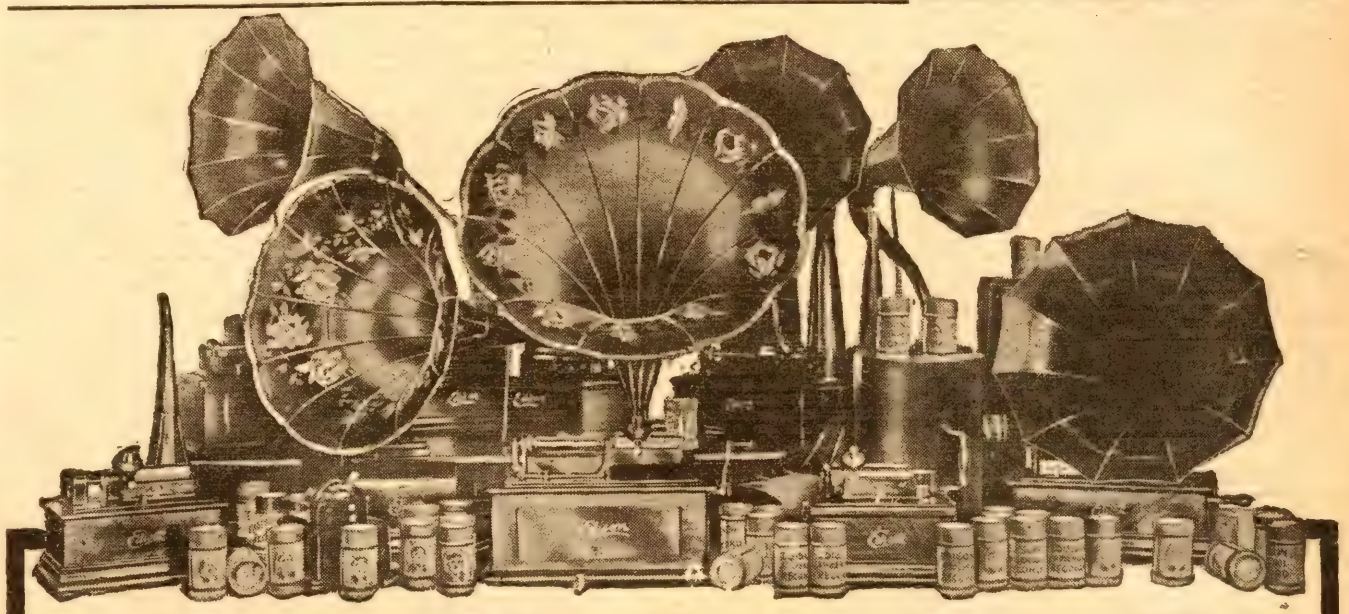
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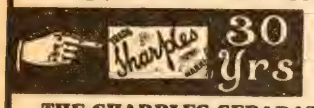
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UP TO DATE LIVE STOCK AND DAIRYING

HOG CHOLERA OR SWINE PLAGUE

HOG cholera is reported as seriously prevalent in many portions of the country, particularly in parts of central Illinois, where losses are said to be heavy. Symptoms are so varied that almost all hog ailments are called cholera, when that disease may not be present at all. Indeed, it has become common for farmers to call everything cholera that results in the death of a hog. Dr. Peters, an acknowledged authority, gives the following as the more prevalent symptoms:

The symptoms are, usually, great weakness, drowsiness and constipation, followed by diarrhea. The animals lie quietly in a corner, huddled together, usually hiding their head in the litter. The hair becomes harsh and dry. The eyes become watery and locomotion becomes weak and irregular, with imperfect control of the hind legs, resulting finally in paralysis. The skin around the flanks and fore legs may become purple, the skin of the ear frequently becomes inflamed and in the latter stage has a scabby appearance and may result in part of the ear falling off.

The animals refuse to move when disturbed and are more or less lifeless. There is usually a loss of appetite, but in some rare cases the appetite may not be affected. In the chronic cases there is a rapid emaciation, which is accompanied by extreme nervousness or paralysis of the hind limbs.

The cough is usually short and hacking. In the chronic cases we usually find diarrhea a few days before death. There is considerable redness around the nose, ears and abdomen, and this usually increases as death approaches.

Hog cholera is distinctively a germ disease. It is very contagious, and there is no sure cure for it. The owner's efforts should, therefore, be directed to prevention. The quarters should be kept clean and sanitary, and the feed should be wholesome and nutritious. Soured slops should be carefully avoided. If possible, the hogs should have none but clear water. A kind of hard water or mineral springs that are quite common in southern Illinois, we believe to be a sure preventive. Affected hogs should be at once removed from the herd, and the well ones should be promptly given a new lot or pasture. Wood ashes and charcoal, or coal slack kept where the hogs can have access to it, we believe, to be a good preventive measure.

FEEDING GROWING HOGS

THE practice now is to push hogs to early maturity—to bring the pigs to market at two to three hundred pounds when from eight to ten months old, or even earlier. To do that there must be proper and abundant feeding. The pigs must have grazing that is muscle forming feed as well as fattening feed. Corn alone will not answer the purpose. A friend protested recently that his father always fattened his hogs on corn alone—corn and clear water—and the same method ought to be equally good yet.

But in the earlier days hogs were not fattened until they were a year or two old. They were supposed to have already made their growth, and all that was required was to fatten them. For that purpose there is no better feed, perhaps, than corn. But it is very different now. In modern feeding the hogs must grow as well as put on fat. Growth requires protein feed, of which corn has but little. For this purpose nothing is better, perhaps, than alfalfa pasture; next rich clover pasture—clover of any variety, the modest white clover being as good as any if sufficiently abundant. Then we would name blue grass and any of the other rich grasses. Field peas, rape and such special crops also come in for a high rating. The object is to furnish protein or growing material to balance the fat-producing qualities of the corn.

In the absence of these feeds, other feeds must be resorted to. Wheat is a good supplemental feed with the corn. Wheat bran is good, but is scarcely rich enough to its bulk. Shorts or middlings mixed with the bran makes it good. During the frost or non-producing months, alfalfa hay or clover hay will be eaten by the hogs to good advantage. If cut fine and fed regularly it is all the better. Unthreshed pea hay is very good. The thing to keep in mind is that the young hogs must grow as well as lay on fat, and they must have feed accordingly.

TO TELL THE AGE OF A HORSE

TO TELL the age of any Horse,
Inspect the Lower Jaw, of course,
The six front teeth the tale will tell
And every fear and doubt dispel,
Two middle nippers you behold
Before the colt is two weeks old.
Before eight weeks two more will come,
Eight months the corners cut the gum
The outside grooves will disappear
From middle two in just one year,
In two years from the second pair,
In three the corners, too, are bare.
At two the middle nippers drop.
At three the second pair don't stop,
When four years old the third pair goes.
At five a full new set he shows.
The black-spots will pass from view
At six years from the middle two,
The second part at seven years;
At eight the spot each corner clears
From the middle nipper upper jaw.
At nine the black spots will withdraw.
The second pair at ten are white,
Eleven finds the corners light.
As time goes on the horseman knows
That oval teeth three-sided grow.
They longer get project before
Till twenty when we know no more.

Very Saving

"They say he has turned over a new leaf."

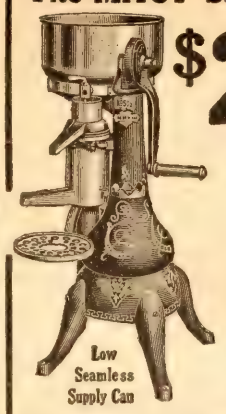
"Yes, but you'll not catch him wasting anything; he'll use the old one over again."

In a Hard Place

She—"We distrust men that flatter us."

He—"Yes, but you hate those that do not."

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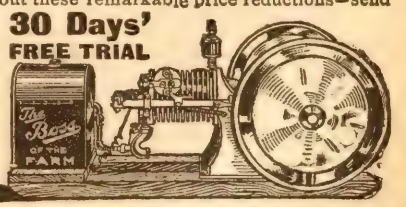
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[3] ALBAUGH-DOVER CO., 2230 Marshall Blvd., CHICAGO

The Doctor's Mother

THE old Bornholmer clock had just struck one. The rays of the moon were shining through the drawn curtains, the lamp was about to go out and the fire was dying in the grate, but Dr. Biering did not seem to notice. He was sitting in a big armchair lost in thought. Only a few hours before he had been accepted. She was of a very good family and rich in her own right, while he—he was able to offer his bride a beautiful home, but he felt he could never tell her of his childhood and his early life. She must never know of the time when he ran about barefooted as a little boy in his mother's poor room, and he had made the money to pay for his studies by hard manual labor. He was afraid she would dispise him if she heard of those things.

He had been in luck, far more than he he had ever dared dream of, and his old mother who had always been so patient and worked so hard—where was she now? What did it mean that whenever he now tried to think of Henrietta he saw his old mother's honest wrinkled face? To be sure, he supported her well and gave her all she could wish for, and she was proud of her boy, but whose fault was it that he never found time to visit her, though he knew how happy it would make her to see him. He thought of Henriette who was to be his wife—Henriette Nordentoft, who had always moved in the highest society. Was it possible that he felt ashamed of his old mother and her plain, old fashioned ways?

The lamp had gone out long ago; the fire was out; the moon had set—it was after two now. The doctor arose to go to bed. But sleep would not come, and when at last he fell asleep, he dreamed of his mother.

In the little house in the northern part of Jutland, where Mrs. Biering lived, the rooms were empty, for the old woman had decided to surprise her boy with a visit. It was a long trip on trains and ferries to reach Copenhagen, and the only train left very early. It would be almost dark before she got there, but how happy Holger would be! He had never suggested that she should visit him, but that must of course be because he was afraid the long trip would be too much for her, but now she would show him she was not as feeble as he thought. She almost regretted she had not let the dressmaker fix up the black silk dress she was wearing, but perhaps Holger would rather see her in the dress as she used to wear it. She had often thought how lonesome he must feel. She hoped he would be out when she came. Then she would take off her cloak, put on her white lace bonnet, and when Holger came home he would find her knitting at the fireplace, as if she had been there always. She could almost see the joy in his big brown eyes when he discovered her.

She thought of all this during the trip and everyone noticed how happy an old woman looked and many found her wrinkled face beautiful.

The train was late, and it was dark when the old woman reached the city. She felt a little confused at the crowded station, but a kind gentleman called a cab for her and gave the address to the driver.

"It must be a mistake," she thought when the cab stopped in front of a magnificent house on Oesterbro, but the driver insisted he was right and a moment later the old woman with half a dozen bundles stood on the broad stone stairs and timidly rang the bell. A butler in correct black dress opened.

"The doctor's office hours are over long ago," he said stiffly. "I can not take your card now."

"Why I have no card. He will see me. I am—I am—"

She could say no more and the butler stared at the strange little woman. She wore an old hat, and her dress bore the marks of a long trip, and in her hand she held a big cotton umbrella and a voluminous carpetbag with her best clothes.

"Madam—" he began.

But the old woman went slowly towards a door that was ajar through which fell a ray of light.

The doctor had recovered after his bad night and was to go to his fiance's house, when the door opened. Was it a hallucination or was it really his old mother standing in the doorway in front of the stupified butler? No, it was really she, and with an expression of joy he ran towards her, but when the surprise was over he began to feel rather annoyed. Why did she come here? He had given her all she needed at home and here she would only be in the way. And Henriette! He dared not even think of the expression that would come into her face when he introduced her to his mother.

"Why didn't you send me word, mother, that you were coming."

"Because I wanted to surprise you, my boy. You are not angry?"

"No, mother dear, but you must eat some dinner and go to bed."

For hours after the old woman had fallen asleep, he sat thinking. Surely his mother had come to stay with him now. If he told her that was impossible she would return home, but could he let her do that? He might say that city air was not good for her, and then Henriette would never know anything about the plain old woman, who had worked for him until her back was bent and her fingers gnarled with rheumatism.

No, he could not do such a thing.

Henrietta must know everything. No matter how she took it, he was strong enough to do it now. His mother must stay with him now. It was the only manly way. "Poor old mother!"

He opened the door of her room, went over to her bed and kissed her tenderly on the forehead. She awoke with a start.

"Oh, my boy! My own dear boy, so you are really glad to see me."

He kissed her again and remained at her bedside until she fell asleep.

"You did not come last night," said Henriette, when he called on her the next forenoon.

"No, Henriette," he said, "and I have come to tell you the reason why. Last night my mother arrived. I have never spoken to you of her before. How foolish I have been. She is a poor old woman who almost worked herself to death that I might get ahead. When I did, I gave her a home and thought I had done my duty by her. I fed her body, but starved her soul and heart by never visiting her. Yesterday she came to me. At first I felt annoyed and ashamed, ashamed of the woman who gave me life. I thought of you and the education you had had and I was afraid you two would not be able to live under one roof. And now I have come to ask you to forget me, Henriette. My home and my heart belong to my mother as long as she is alive."

If he had had a faint hope that Henriette would hold him back, he was disappointed. She just laid her hand in his as if she wanted to say goodby.

It was late in the afternoon when he returned from his sick calls and though he was down-hearted and tired, he tried to put on a pleasant smile, that his mother might not notice anything.

He knew he would find her in his study, so he expected to hear her old voice: "Oh, there you are, my boy," as he entered. But he was not prepared for the sight that met his eyes. His mother was sitting in an armchair at the fireplace and at her feet was Henriette. Her head was resting in the lap of the old woman, who was stroking her hair tenderly. When he entered both jumped up.

"Oh, Holger, I lost my mother when I was a child. It is so nice to have a mother once more. You said your heart was hers. Will you two share with me?"—Journal of Agriculture.

Only the Apple Trees

While her mother was busy in the house, little Esther escorted the preacher around to show him the sights. Beneath a well filled apple tree, the minister said:

"This trees seems to be loaded with apples."

"Yes, papa says it's going to be a good apple year."

"Are all your trees so full of apples as that one?"

"Oh, no, none but the apple trees."

Reassuring

Nervous party—"The train seems to be traveling at a fearful pace, ma'am."

Elderly Female—"Yus; ain't it? My Bill's a-drivin' of the ingin, an' 'e can make 'er go when 'e's got a drop o' drink in 'im."—Tit-Bits.



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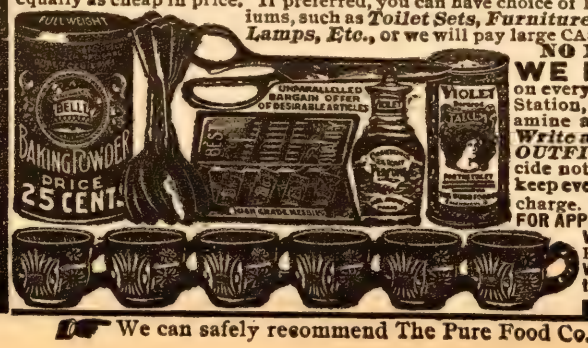
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SAVE THE CHILDREN

MR. ROOSEVELT gained fame and gave prominence to a previously unheard expression, but race suicide may be as plainly seen in the recklessness of child life as in the lack of children. The world would be quite appalled if it could be known how many little graves are made every year that need not have been made but for the thoughtlessness, carelessness or ignorance of parents.

In hottest weather the baby must be dressed in warmer clothing than the mother wears, when she goes in company, and then it must be held in the mother's sweltering arms through a tedious church service or some other like occasion. On the contrary, when cold weather comes the little one in company must be dressed in showy clothing with little regard to the atmospheric temperature.

The baby's diet is another fruitful source of weakened constitution, or of disease and death. Even when nature's provision is depended upon, there is little thought as to when the child takes nourishment, or how much at a time, or in what condition the mother is as to fatigue or heat or chilliness. And when the baby cries, no matter from what cause, the quieter is the breast, no matter whether the child needs food or not. And it is a common thing for the mother to eat what she knows, or ought to know, is not good for the child, and what she would not think of giving to it; yet to eat it herself is the same as to feed it to the baby, except that the baby gets it in more of a digested form. Every experienced mother knows what we are writing is true. There are few babies whose health is not thus impaired.

But the most reprehensible carelessness is a little later in the child's life. Burning oil lamps that may be pulled off a table or overturned has resulted in horrors unspeakable. So has the leaving of matches where the child may get them, or poisons left within its reach. Medicines or poisons, if the latter be allowed on the premises at all, should not be carelessly left for a moment, but should always be where it is impossible for children to get to them. Think, think, think! Think about everything, but particularly about what may endanger the health or lives of the children.

THE HOME BANK

CHILDREN in the home should be taught the value of money, and its usefulness. We would not have any one niggardly, but the childish whim to spend money for every little worthless thing the child may see and wish to have should be emphatically discouraged.

We do not think it wise to pay children for the work they do about the home or on the farm, or to share profits with them on the ordinary crops. That cultivates the notion that they should be paid for eveything they do and begets dissatisfaction that may early take them from home. They may share in a special crop, or they may have a small special crop of their own. Care must be exercised, however, not to give the boys a financial advantage over the girls. If the boys are given a means to make money the girls should also. The poultry and butter and fruit may, perhaps, offer an opportunity for that.

At all events, we are in favor of the children having some source of revenue; and then a family bank is a splendid idea. The father may be the president and the mother the cashier, and each child may have his bank book and make deposits to be duly entered in its book. It may also draw on its fund, and its drafts be paid, and that gives the bank officers a good chance to advise with the depositors as to the expenditure of the money. It gives the family finances a business air that can not but have a good effect on the children, and be of value to them through life.

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How many times have you heard exclamations of this sort, while some one was groping angrily around in the dark—possibly you were that some one yourself? Have you ever thought how much time and energy and temper is lost through just such vexatious little delays as can be caused by a missing lantern?

A lantern is one of those apparently insignificant and unimportant things you never think of at all—until the minute comes when you need it. It is wonderful how its importance grows then. A man is seldom more helpless than in the dark. Without light he is pretty nearly useless to himself and to everyone else.

Have enough lanterns. Keep them in order in their proper places. Have one for each man if necessary. It is economy to do so. Rayo lanterns are made for farmers and sold by the Standard Oil Co.

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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

TWO of our writers complain that too many people read and liked their letters well enough to write to them. One requests her to take her name out of the paper, and the other says she only expected cards and got both cards and letters. No one's name appears in the paper but once; and those who do not wish their letters read should not write to Up-to-Date Farming. A paper that goes regularly to not less than 150,000 subscribers has not less than 500,000 or half a million readers, and those two strange complaints are of the greatest possible encouragement to our Cadet writers. In this paper you can talk to half a million people, an appreciative audience, larger than the greatest preacher or the greatest orator ever had in the world. We are glad we can give you such a hearing. But the more we have the more we want. We have a message for the agricultural world, and for all who favor "equity in all the business relations of life," and we still want our young friends to help us to get more and more subscribers and readers. We certainly offer attractive inducements.

Our readers think the Cadet letters are increasing in interest, and we are sure the ones that follow are as interesting as any we have given:

DEAR CADETS: May I join your band? I have just finished reading the Cadet page in the preceding issue, and I find all the letters quite interesting. I think some of the Cadets write excellent letters. We have been taking Up-to-Date for over a year, and I think it a grand paper; it contains so many helpful things in regard to the farm. I live on a farm, and think it a fine place to live. I like city life very well; in some respects there are more advantages than in the country; but country life is pure, and much of city life is made up of sorry material. I have been going to school in town the past month and expect to continue for a nine-months term. We have excellent teachers. We live two miles out of town, and I board in town. We have a beautiful little country home, with a yard full of pretty flowers. I am between 15 and 21.—the Cadets must guess. I would be glad to exchange cards with some of the Cadets.—Ethel Fitzgerald, Brownwood, Tex.

DEAR CADETS: I have become very much interested in the Cadet page of Up-to-Date Farming. I think the letters are very nice, and I would like to exchange cards with the Cadet girls near my age, especially with Estie Kemps, of Elk Lick, Pa., as she would like to hear from the West, and I certainly am a western girl. I have been trying to get a collection of cards from all over the United States, but I can not succeed. Will you Cadets help me? I live on a goat ranch up in the mountains of beautiful California. My father has lived here for 25 years, and we are the only ones living in these mountains. Our post office is 10 miles away, but it only takes three hours to walk there. I have never been far from home, and sometimes I feel lonesome here, as my mother, two brothers and two sisters are not at home. Both of my oldest sisters are married, but they have not any children. I have been going to school for 10 years, but have not graduated yet; will try next year. I will be 16 years old next Christmas day, and would like to have a card shower.—Mabel Minna Mahnke, Kelseyville, Cal.

DEAR CADETS: I have been reading Up-to-Date Farming for some time. I love to read the Cadet letters and I wish to join them. I am 15 years old and live on a small farm of 80 acres, half a mile from White House and 12 miles from Jacksonville, Fla. We have 35 cows, 15 goats, 25 chickens and one horse. We plant corn, potatoes, sugar cane and peas. The land around White House sells at $40 an acre. I will answer all correspondence I receive.—Gertrude Williams, White House, Fla.

DEAR CADETS: My father has been taking Up-to-Date for several months, and as I have not seen letters from this part of Nebraska, I have decided to write. I am a farmer's daughter, and am 18 years old. I live on a 167-acre farm, which my brothers are getting ready now to put in wheat. We had quite a lot of apples this year, and oh, the watermelons we have! Would it not be nice if all the Cadets could enjoy a meal with me? I sure can't thank Mr. Everitt enough for such a splendid paper; we all enjoy it so much. It is very warm now (September 7); hope we shall soon have rain.—Freeda Reileer, Pauline, Neb.

DEAR CADETS: After having read several issues of Up-to-Date Farming, I have become a much interested reader of your letters, and can not refrain from trying to be one among you. I am a farmer boy that lives in Pawnee county, Oklahoma. We raise such crops as cotton, corn, milo maize and wheat. We certainly appreciate the efforts put forth by Mr. Everitt to educate the farmers to a point where they can meet the assaults of the market gamblers who are ever preying upon them. I will exchange post cards with the Cadets of my age. I am 17.—Van Eisenbery, Jennings, Okla.

DEAR CADETS: Will you make room for a jolly 17-year-old Kansas girl? I live in Decatur county, on a 960-acre farm. I would rather live on a farm than in town. We have 14 head of horses and mules, 18 head of cattle, and about 225 chickens. I still go to school, and I just love to go. I hope all you Cadets do. I went to high school at Oberlin last year, but I will not go this year; it is 22 miles to Oberlin. The chief crops here are corn, wheat, barley and oats. We have had only a few good rains all summer. It has been awful dry here for the last three years. I am one of a large family—have six brothers and four sisters. One sister is married and has the sweetest little girl. We have an organ and violin. I play the organ and my brother plays the violin. I like music. I wish we could all get together once, and play and sing to our hearts' content. I love to read the Cadet letters, and would be glad to hear from any of the Cadets.—Lena I. Ratzloff, Selden, Kans.

DEAR CADETS: I would like to become a Cadet of Equity. I have been reading your fine paper, and I think it is a dandy. We have been taking it for sime time, and it is fine for the young people, and the old ones, too. I would like to send about 50 subscribers to Up-to-Date, and help to spread its circulation, for I know there are so many homes that have young people, and it would make their lives brighter, and they could exchange cards and letters, and hear from faraway friends and strangers, and know how they live and what they do. And it is so much enjoyment to the older ones to hear the young folks read these interesting letters. I would like very much to exchange cards with the Cadets. I will return a card for every one I receive. I have a small collection, and it cheers me so much to get them down and look at and read them over. Though I get very lonesome sometimes, but I have two little girls, and looking after them keeps me busy most of the time. We can raise almost anything in Indiana, but the dry weather nearly burnt up and killed the stuff this summer. But we have been having some rains now, and, O such beautiful fall pastures we are having. Even a few letters and cards will please me so much.—Myrtle Zook, Ridgeville, Ind.

DEAR CADETS: I live on a farm of 240 acres, with my father, four brothers and two sisters. We have cattle, horses, hogs and chickens, geese and ducks. The land around here is very level. Crops are as good as could be expected considering the dry weather we have had. Fruit is plentiful this year. We have taken Up-to-Date for a number of years, and think it a grand paper. I am sending a new subscriber so as to become a Pioneer of Equity. I am 22 years old, and would like to exchange letters or cards with the Cadets.—Mary Wilgus, Mead, Neb.

DEAR CADETS: Will you let a jolly soldier join you? I am 22 years old, and live on a farm of 355 acres. I enjoy farm life fine, but I am a "rounder," and have seen some of the world. I have been in the Philippine Islands. I joined the army when I was 18 years old. Soldiers say they have a good time, but I didn't. I was seasick the first day out, and I thought I would die. If any one wants to know any more about my soldier days, write me and I will tell all about it. I would like to correspond with some of the Cadets of my age; with Miss Elizabeth Faulkner especially. Success to Up-to-Date Farming and all of its readers.—V. R. Pyrum, Leonard, Texas.

DEAR CADETS: I live on a rented farm of 90 acres. I am 19 years old and have been taking Up-to-Date about two years, and think it a nice paper. I was born and raised in DeKalk county, but in 1907 we came to St. Clair county, where we live now. I have had several packages of post cards from Mr. Everitt, and think they are the nicest cards I ever got. Our principal crops here are corn, wheat, oats, rye, broomcorn, hay, etc. We live nine miles from Appleton City.—Evelena Ginter, Appleton City, Wis.

DEAR CADETS: I am a young lady 22 years old. I live with my father and mother. We have lived here about 11 years, since the town was started. Gas was discovered and zinc smelters were built, and that is the main industry. We think our city is a very desirable place to live. It lies between LaHarpe and Iola, and they are connected by street cars. I like Up-to-Date Farming and enjoy reading it. I would be pleased to exchange letters or cards with the Cadets, especially with some of the young western farmers.—Miss B. Johnson, Gas City, Kas.

DEAR CADETS: Will you let a West Virginia boy in. My parents live in a farm, and I enjoy farming. I am 22 years old, and hope to receive cards or letters from all the Caets.—Thomas Fox, Crickmer, W. Va.

DEAR CADETS: Here comes a Pennsylvania girl seeking admission. My parents are retired farmers, but we still take Up-to-Date. I did not care to read it much until I struck the Cadet page, and now I never fail to read it. We live in a beautiful little country home, a short distance off the public road, which is the state road in Big Valley, one of the most beautiful valleys of Pennsylvania. It has been very dry all summer, but at present (September 11) we are having an abundance of rain. People are cutting their corn, but very little seeding has been done. I am 16 years old, and have three sisters and three brothers, with two brothers I trust in heaven. I do a great deal of reading—fiction, poetry and history. I am learning to embroider, and take great delight in it. I have an organ, and can play some by note, but have taken no lessons. I also have all the housework to do as mother has been quite ill all summer with blood poisoning. Some day in the near future I hope to be a school teacher. I will be much pleased to exchange view cards with all the Cadets, especially those in the West and South, as those parts of the country have a great fascination for me, and some day I hope to see them.—Cora E. Allison, Belleville, Pa.

Much as I regret it, I must now give only the names and addresses of the other writers whose letters lie before me.

Lorenzo M. Avenson, Park Rapids, Minn.	16
Susie A. Byers, Hiawatha, Mich.	14
Bertha Diver, Naugatuck, Conn.	14
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Dell Beesley, Cohasette, Ala.	13
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TWO CADETS' LOCALS FOUND

Word from Mrs. Martha Culbertson, of Three Rivers, Mich., brings us the good news that she has organized two unions of young people in Antrim county, Mich. One is called "Canary" and the other "Blue Jay." The rule is to give these unions the names of birds. Mrs. Culbertson did not send us the names of the officers, but we will write for them, and hope to have them to print in our next issue. If any of our members want to organize cadets' local unions, write to Mrs. Culbertson, as above.


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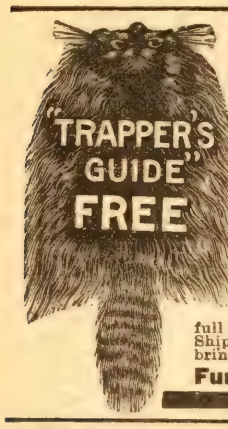
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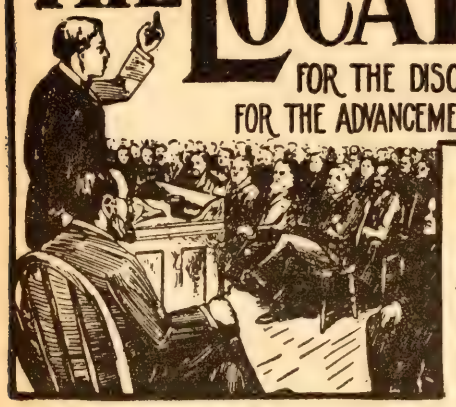
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THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden."* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

If you are a farmer, why not be a business farmer?

—o—

There are two important transactions that come in the life of every farmer, viz., producing and marketing.

—o—

The former has been the burden of every thing that has been done for agriculture from before the time present farmers lived. The latter, only now, is coming to claim any share of attention by farmers' teachers and leaders.

—o—

Until this paper declared, a few years ago, that farmers could attend to their own business of marketing with as much certainty as manufacturers have been doing, it was thought that farmers could only produce and another set of people must do the distributing—business.

—o—

In other words, farmers were good laborers, but business men; oh, no.

—o—

This paper and the Farmers Society of Equity have proved to the contrary. All that farmers needed to make them businessmen was a system to follow. This was provided them in 1910. Any person acquainted with the amount of grain, live stock, hay, straw, potatoes, cotton, fruit, eggs, butter, etc., already shipped to the final markets through the Equity System, by the producers themselves will be compelled to admit that farmers can be "business" farmers and are rapidly becoming such.

—o—

Now with a new crop of produce, largely in the hands of the producers yet, every person who has produced to sell should become a "business" farmer. He can do this by becoming a member of the farmers' *business organization.* (Note we say business organization," for that is what every inch of the Farmers Society of Equity is.) The cost is only one dollar ($1.00) to become a member-at-large, or two dollars ($2.00) to become a member of a local union.

—o—

When becoming a member the person is entitled to report any crop he has to sell. He will get the help and advice of headquarters of the society and the representative on one hundred two large markets.

—o—

The key to becoming a "business" farmer is the SYSTEM and the System is worked through the confidential "Directory" of the markets and representatives.

—o—

The "Directory" is for the exclusive use of members of the Farmers Society of Equity. On this point we quote page 2 of the Directory as follows:

This directory is the property of the Farmers Society of Equity. It was compiled at considerable expense and contains information of great value.

You, a member of the Society, are entitled to the information contained herein, but to give or allow this information to become the property of one who is not a member and who will profit at the expense of the Society, is an injustice to yourself and fellow members.

While it is realized that the majority of the members will consider this directory in its true mission—as confidential information—there may be now and then one whose sense of honor is undeveloped. To protect his fellow members against treason of such it is provided in the Society's regulations that the willful giving of this book or any of the facts herein, to a non-member, shall be cause for suspension or dismissal from the Society.

—o—

Four important points of information are given in the directory. We quote further as follows:

I. FINANCIAL RESPONSIBILITY. This is indicated by numerals before the letter "M." The letter "M" stands for $1,000. "75M" means $75,000.

II. COMMERCIAL CREDIT. This is indicated by "XX," meaning fair credit; "XXX," good credit, or "XXXX," meaning excellent credit.

III. CROPS HANDLED. These are indicated by letters or the names of crops.

IV. CLASS. The letter "(a)" before a name indicates that that representative will receive consignments and sell at the highest prices obtainable, charging the usual commission that prevails on that market and pay back $1.00 per carload of grain, hay and straw, and three-tenths of the commission on other products.

The letter "(c)" before a name indicates that that representative usually prefers to buy outright, or will sell at highest net prices. This class, buying outright, or selling at highest prices, will not rebate anything.

With these two classes of representatives, one commission and the other outright sale, every person can be suited.

—o—

To show the scope of the system we quote the following list from the directory, also. The letter or combination of letters to the left indicate the crops the representatives handle:

Key to Crops

The letter or combination of letters to the left in the columns is used to indicate the crops the representatives handle.

"B"—Beans	*"E"—Eggs*
"Bu"—Butter	*"F"—Fruit*
"Bc"—Broomsorn	*"Fla"—Florida and*
"C"—Cheese	*Cal. Fruit.*
"D"—Dairy Prdcts.	*"Gr"—Grain*
"Df"—Dried Fruits	*"H"—Hay*
"N"—Nuts	*"S"—Straw*
"O"—Onions	*"V"—Veal*
"Py"—Poultry	*"Veg"—Vegetables*
"R"—Rice	*"W"—Wheat*
"P"—Potatoes	

Other articles printed in full, such as "Seeds," "Cotton," "Wool," etc.

—o—

As we said above, any farmer who is a member of the Farmers Society of Equity, and possesses the "Directory" and system ceases to be a worker to produce crops only, and becomes a "business" farmer to market them. A writer on this subject said: "If the present method of marketing could be changed to a rational system farmers' profits would increase from 25 to 30 per cent." and this: "If the middlemen could be eliminated entirely (which can be done with producers and consumers both co-operating), the saving would be 50 to 60 per cent."

—o—

A person who very recently made some investigations reports these findings:

A potato grower sold potatoes at 38 cents a bushel, all he could get at his station. He followed them to market, less than 150 miles away, where they were sold by the retail grocer at $1.05 a bushel. They passed through the hands of five different handlers, all of whom tolled them.

A Michigan farmer could only get 25 cents a bushel for potatoes at his shipping town, but on visiting a friend in Chicago the next day he found potatoes were selling to the consumers at 65 cents in bushel lots.

Dairymen are receiving only 50 to 60 per cent. of the retail price.

Poultry averaged to the farmer's wife only 50 to 60 per cent. of what consumers pay in the cities and the same person found that vegetables and fruit, if there was a market for it all, only netted the producer 30 per cent. of the city prices.

—o—

It is all right to teach how to produce two blades of grass, two heads of wheat, two ears of corn, or two apples or two potatoes where only one grew before, but what's the use if the farmer is not enough of a business man to get more money for the two than he would get for one? What's the use if the middle system gets the value of the extra grass, grain, vegetable and fruit away from you?

The potato crop of the United States was extremely large in 1909 and in the spring those who held could hardly give them away. The crop of 1910 was moderately large, and nearly all the growers dumped them early for fear of the former spring condition being repeated. The result was glutted markets and low prices all the season until the latter part, when prices went over $1.00 a bushel. This year the crop is short and prices were high. But inordinate dumping has broken the price away down. Such behavior is not the acts of business men, but the natural result of blind dumping by a disorganized mass of people—a mob. The Equity System will change it.

—o—

A farm exchange before us says, referring to potatoes; "The crop of Europe is reported a very large one and it is quite a problem to find a market for the surplus. It is said that British exporters are already trying to make arrangements for shipping potatoes here a little later in the season." All of which is a lie from whole cloth. The European crop is short. The article was inspired by the middlemen who want to frighten potato growers to rush their crops to market so they can be put in storage. The farmers who read such papers exclusively will never be "business" farmers.

In contrast to such hints note that this paper says "hold for 85 cents a bushel," which is about 25 cents a bushel higher than the present market. The Equity System protects farmers from being deceived and imposed on.

—o—

From our member, Mr. D. B. W., in a southern state (we do not give his full name and address for obvious reasons), we have this:

I received literature of the F. S. E. and it is good. I will send a good report soon. At present we are in a little trouble here about our store. It appears our capital stock has depreciated $700.00 in the past three months. We expect to change managers and, as I am a member of the executive board I will be very busy for a while."

—o—

In the Equity System marketing is done without a dollar of capital stock and such risks are entirely eliminated. Members of the F. S. E. are protected from such perilous investments.

—o—

The point of all this is that whoever has any farm produce to market should become a member of the armers Society of Equity, receive its "Directory" and instructions for using its marketing system, which will at once enable him to be a "business" farmer. One shipment through the Equity System will make enough more money to pay the entrance fee and dues for many years.

—o—

Fill out the blank on page 5 and mail at once.

When Sears, Roebuck & Co. do a thing it is done in a big, money-saving way for buyers. We call attention to the full page advertisement of high-grade engines on second cover page. Clip that coupon and send it in to them for the catalog. It will mean more money made by the farmer who does.

Woman's Power Over Man



Woman's most glorious endowment is the power to awaken and hold the pure and honest love of a worthy man. When she loses it and still loves on, no one in the wide world can know the heart agony she endures. The woman who suffers from weakness and derangement of her special womanly organism soon loses the power to sway the heart of a man. Her general health suffers and she loses her good looks, her attractiveness, her amiability and her power and prestige as a woman. Dr. R.V. Pierce, of Buffalo, N.Y., with the assistance of his staff of able physicians, has prescribed for and cured many thousands of women. He has devised a successful remedy for woman's ailments. It is known as Dr. Pierce's Favorite Prescription. It is a positive specific for the weaknesses and disorders peculiar to women. It purifies, regulates, strengthens and heals. Medicine dealers sell it. No *honest* dealer will advise you to accept a substitute in order to make a little larger profit.

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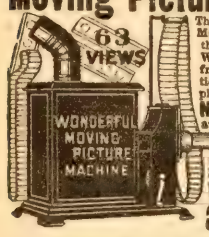
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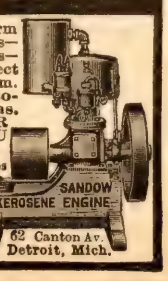
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OKLAHOMA STATE MEETING

There will be held at Shawnee, Oklahoma on November 21, 22 and 23, next, a state meeting of the Farmers Society of Equity.

The purpose of this meeting is to organize a State Union of the society and do every other thing that may be considered necessary.

Especial consideration will be given to the problem of marketing cotton and cotton seed, also marketing other crops will have its share of attention. Also in view of the drought that made the grain and vegetable crops short in Oklahoma. Consumers' leagues to buy direct from the producers in other states will be considered.

Let all members and organizers exert themselves to extend the organization in their sections. Also communities without or vegetable crops short in Oklahoma, Con be represented at the meeting. A county having three local unions can join in organizing the State Union. For further information address J. A. Harman, Secretary, Shawnee, Okla.

LADIES SOCIETY OF EQUITY

President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

L. S. E. ACTIVITIES

In our September 1st issue we gave an account of the home talent plays by the ladies' and cadets' locals at East Jordan, Mich. Since then we have received another report which gives more details. It is as follows:

In our last issue we gave an account of the home talent plays by the ladies' and cadets' locals at East Jordan, Mich. Since then we have received another report which gives more details. It is as follows:

The ladies of Golden Rod local, East Jordan, Mich., gave a home talent entertainment, "Huldah's 'Parin' Bee," on August 23-24. They were assisted by several of their city friends. The entertainment proved a success, and was appreciated by a full house. In connection with the "'Parin' Bee" the Whip-poor-will local, Cadets of Equity, gave a Tom Thumb Wedding. That was very pretty also. The little men and women were in elegant evening costumes. The bride wore a beautiful white lace-trimmed gown wih train and a pretty veil of pineapple fiber. She carried a bouquet of white roses. The maid of honor and four bridesmaids wore pink and carried pink carnations. The flower girls, little ring bearer, and two pages were all in white. The groom, best man and four ushers, also father of bride and the groom looked very fine in their black Prince Albert suits. The mothers and guests wore pretty, trained evening gowns.

Two dances were also given by the country and city children in costumes.

Both entertainments were directed by Miss Louisa E. Loveday, of East Jordan. The L. S. of E. will use the plays at other places, the proceeds to be used for the advancement of the Equity cause.—*Mrs. James Howey.*

This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *We want to buy several car loads of potatoes. If you will give the address of J. E. Baxter, who wants to buy potatoe barrels, perhaps he can supply us.—Mrs. Lizzie Stender, Huntington, W. Va.*

ANSWER: Address J. E. Baxter, Fort Plains, Otsego county, N. Y. Other members having potatoes to sell please offer them.

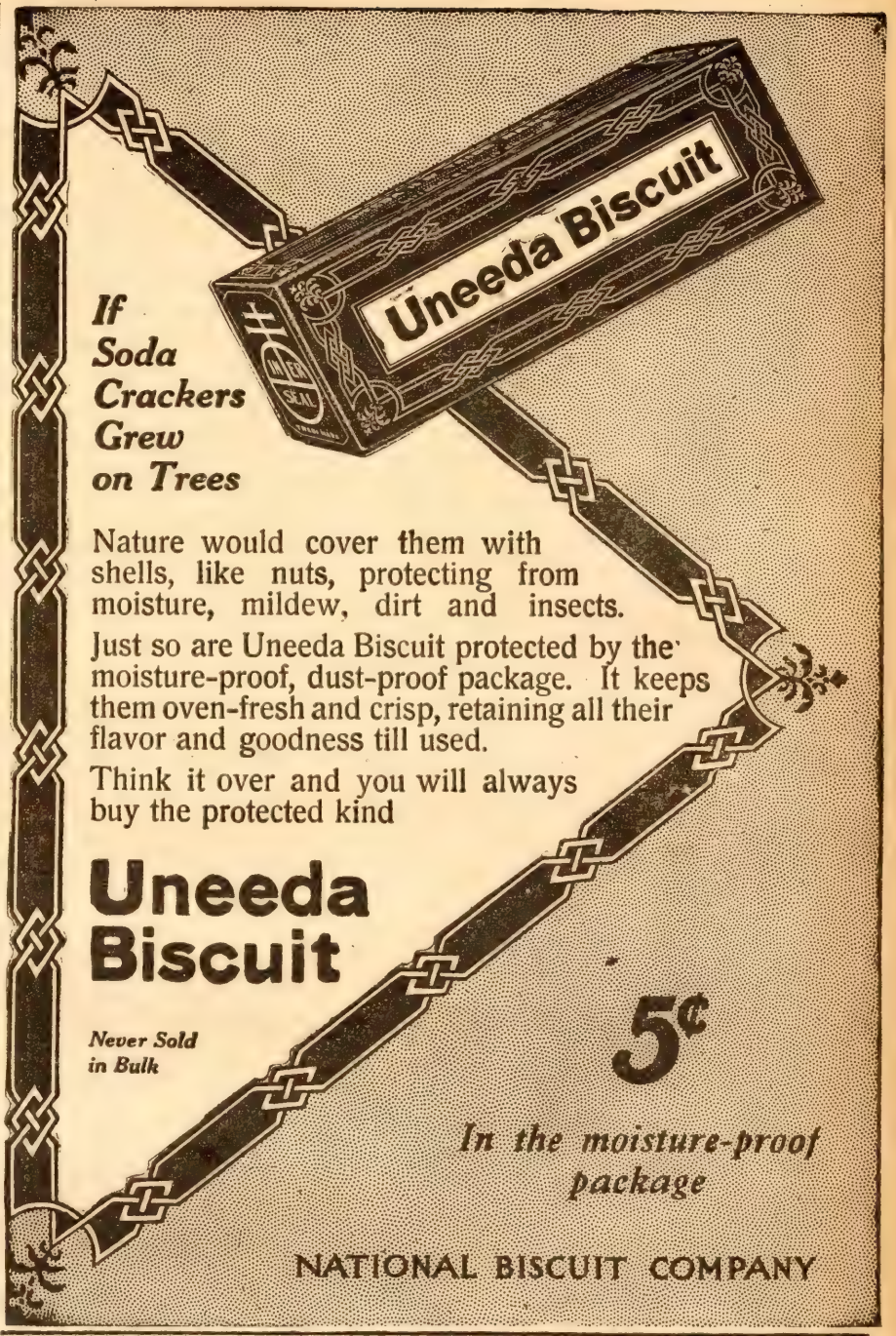
Q. *Shawnee L. U. No. 6282 wants to buy corn and beet pulp. Please help us to find the place where the supply is.—J. A. Harman, Sec., Shawnee, Oklahoma.*

A. Parties having them, please offer. Members in sugar beet districts will please communicate this want to factory owners.

$10. REWARD FOR ANY CASE OF **Drink Habit** that cannot be conquered by my **Safe, Quick, Home Remedy. My book** shows how my Method has rescued legions of others including many who were **cured secretly**—the craving for alcoholic drinks left them and they found themselves detesting the taste or odor of whisky. Let me send you my book, in plain wrapper, **FREE.** You will be surprised and delighted. No matter what else has failed, mine is the genuine Method. Write to-day and **hasten the joy** that is in store.



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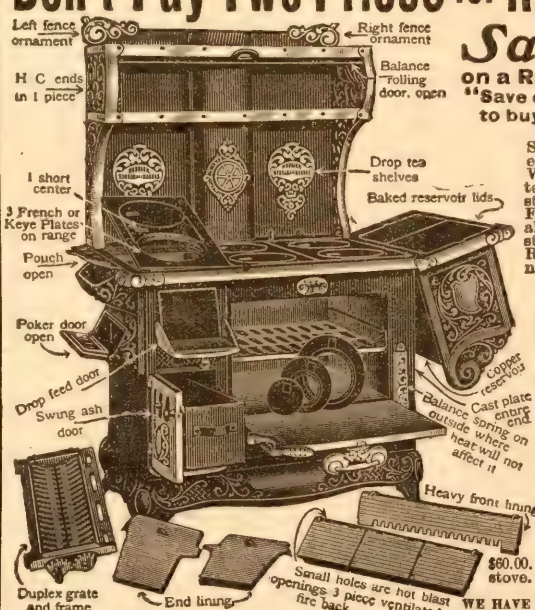
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IF IT'S TRUE that I can make your shoes last longer—keep their shape, keep your feet dry, keep them comfortable—make one pair of shoes last as long as three to six pairs of old style leather shoes—save you enough money on shoes each year to buy a lot of new fence for your farm—IF THAT'S TRUE you'd hire me for your shoe-maker from now on, wouldn't you? That's exactly what 500,000 farmers have already done. Half a million are now wearing my modern steel shoes for all sorts of work—in place of the old all-leather shoes. Every pair of these shoes was sent out for free examination. Every pair sold on sight on its own merits.

Let Me Send You Postpaid My FREE BOOK

to convince you of the solid worth of my STEEL SHOES. Your foot comfort is worth hard cash to you. Don't put it off another day. Then, after reading my book if you decide to send for a pair of my shoes—Examination FREE—you can see with your own eyes how my STEEL SHOES back up every claim—meet every need of your feet and save you $10 to $20. When my shoes arrive—if you decide to look at them—you can wear them all around the house for a good trial; if you don't like them simply mail me a post card, I'll send for the shoes, pay express charges both ways and return your money—the full amount without any quibbling or questioning. I'm writing this advertisement because it is more economical for me to reach you in this way than by coming to your town. In selling by mail, without the retail shoe store cost, I can offer my shoes at inside prices. I want *your* shoe business. I'll be more careful about fitting you than your local shoemaker. You're naturally prejudiced about an out-of-town man, but you'll lose your prejudice as soon as you wear my shoes. You'll be saying: "I'm for the fellow who has brains enough after all these years to get busy and make a shoe that will stand the weather"—the worst sort of weather—pouring, drenching rain, barnyard mud and ooze, logging, tramping on rocks—every kind of hard work. Shoes with shape and comfort. Shoes without sole leather to warp and crease, and tear out and run over and down at the heel, and get soaked through and stiff as boards.

YOU CAN'T GET WET FEET OR COLD FEET—YOU CAN'T GET CORNS, BUNIONS AND CALLOUSES IN MY STEEL SHOES. THEY PREVENT ALL THE SICKNESS AND OTHER TROUBLES CAUSED BY WET FEET

My STEEL SHOES are replacing leather shoes for all kinds of work faster than leather shoes replaced the old-time wooden shoes. Don't think steel means something hard and unyielding. My FREE Book will show you how

My Steel Shoes are Built to Fit the Foot Scientifically

—the right lines—the genuine foot-shape shoe. *They out-wear three to six pairs of leather shoes and remain comfortable and shapely to the last.* Look at this illustration, from an actual photograph of one of my STEEL SHOES worn for three years—think of it, three years of hard work! *There's your money-saving.* Now read what the man who wore these shoes says:

N. M. RUTHSTEIN, Dear Sir:—I have a pair of your steel shoes that I have been wearing for THREE YEARS for all kinds of work. Working in cement, watering in greenhouses, washing autos and carriages, and all kinds of rough work. They are a godsend. I wouldn't take any price for them if I couldn't get another pair. I used to suffer terribly with weak arch before wearing your steel shoes, but have no trouble now.
W. J. Bradley, New York Mills, N. Y.

That's one reason why *you* may suffer from tired, sore, aching feet. The arch of your old leather shoes has nine chances out of ten broken down, lost shape. You've become flat-footed, maybe you've had to put in shanks to support your instep. That's the worst thing that could happen to your feet. Now, my STEEL SHOES have fine inner soles of springy, hair-cushion to take all jar. They can't break down, they can't lose instep shape. On hardest roads, the longest day's work your feet are comfortable. You don't have to put in shanks and if your feet are in bad shape now from hard work in leather shoes my STEEL SHOES will put them in condition again.

My STEEL SHOES keep out the heat and the cold. They are warm and dry in winter; cool and dry in summer. My FREE BOOK gives sizes and prices. It will prove to you conclusively that all I say is not half of what *others* have said in praise of my shoes. I can fit your foot perfectly. I can save you $10 to $20 on every pair of shoes and I can give you *sure foot comfort and health.*

Let My FREE Book Prove IT—Write For It At Once

Let me send it by next mail to show you how easily I can fit *your foot*—the exact size, no difficulty. Remember, I'm an expert shoemaker. I've fitted half a million farmers, not to mention the thousands of men in other lines of business now wearing my STEEL SHOES. The soles are stamped out of thin, rust-resisting, seamless, special process steel—from heel to toe and around the edges and above the sole as shown. No cracks—no seams. Studded with adjustable steel rivets which protect from wear and give a firm sure lower footing. When rivets wear out you can replace them easily and quickly yourself—no trouble—they keep your shoes in good repair for two years. 50 rivets cost 30 cents.

The uppers are made of special waterproof leather—best quality—pliable. Water or cold can not penetrate. Your feet are constantly dry and comfortable. *When it costs only a penny post card to investigate, what's the use of suffering discomfort, catching cold, getting bad feet and paying out a lot of extra money for shoes that look good to start with but won't stand the weather and the wear?*

Canadian Fct. Toronto, Can.

N. M. RUTHSTEIN
The Steel Shoe Man
227 7th ST., RACINE, WIS., U. S. A.

Great Britian Fct. Northampton, Eng.

The Difference

DEAR EDITOR:

It is a difficult matter for one to analize the motives of another for doing a certain thing, especially when that other one holds the position of chief ruler of the nation, and is supposed to have the good of all of the people always before him without regard to individuals or classes. With this idea uppermost in their minds, the tillers of the soil are at a loss to understand why the so-called reciprocity pact with Canada was so strenuously pushed by our President. Why did he so persistently use his authority and influence as President to push his pet scheme through Congress? The reasons that he has given in his public speeches are no reasons at all. They were simple subterfuges, only dust for the eyes of the public.

But if we can not understand his motives now, perhaps we can after the agreement has been in force twelve months or more, for laws, like trees, are known by their fruits. To the person who will observe, it will be evident that the lines were distinctly drawn in our country, between the manufacturer and agriculture, as they were drawn between the North and the South in the slavery days, resulting in the historic Mason and Dixon "line." This means that the agricultural section of our country will be arrayed against the manufacturing section, and the manufacturing against the agricultural. It means more, because it means more abandoned farms and greater immigration from the farms to the cities. Such overcrowding of the cities means lower wages and higher rents. This agreement instead of benefiting the laborers, will work in the opposite direction. It will lower their wages and add to their expenses. Also, as long as the agreement remains in force Canada will be attracting many of the most enterprising and best farmers from our states

In marked contrast to the proceedings in this country, Canada has left the matter for the people to decide at the polls. The Canadian government has been wiser than our government, because whatever the majority of the people decide will be accepted by all of them. The government that confides in its people and conforms to the will of the people will be respected and loved by the people.—J. S. Draper, Mason Co., Mich.

Learn Lessons from the Towns

And we must remember that the towns have accomplished things without waiting for every other town to organize and cooperate with them. That has been one weakness of our farmers' organizations; they have depended too much upon gigantic results to be obtained by getting "all the farmers of the South—or of America—united in one solid phalanx," as the orators and politicians have said, and have neglected the golden opportunities that each local society might have realized upon in building up its own township or county. It's all right to get the great general organization, but meanwhile let's not neglect the other opportunities.

Speak to your neighbors and see what you can do in your township.

Necessity Compelled Co-Operation

The necessities of the farm will compel co-operation to a much greater extent in the future than in the past. Perhaps nothing but necessity will drive farmers to it. It was necessity that compelled the western fruit people to co-operate. Otherwise they were at the mercy of the shipping associations and railroads.

These co-operative associations in the west are managed on first class business lines. The men who manage them are paid high salaries, not as a favor, but because in this way they secure first class business ability. The same is true of the grain growers in Colorado. They never really began to co-operate until wheat went down one year to twenty-eight cents a bushel. Then they learned to co-operate in milling their wheat. It is the necessity of co-operation that has developed the apple and peach growing regions of the inter-mountain states. They found out several reasons why their orchards were unprofitable. One was the carelessness of the individual in cultivation, spraying and pruning; another the inexperience of the individual in sorting fruit; and the third the necessity of shipping by the carload instead of in less than carload lots.

By co-operation they have been able to keep out to an unparalleled extent the insect pests that render the labors of the orchardist abortive. They have learned how to spray, how to grade and pack, and have been enabled to sell to advantage. They have succeeded in grading their fruit to such an extent that, no matter where it gets into the hands of the ultimate consumer, he is sure of having the same grade of apples or peaches or strawberries. By co-operation they have learned not merely a lesson in thrift and economy, but in honesty and have even secured laws through which they can enforce their business rules.

Therefore, we say we are just at the beginning of co-operation among farmers; and the sooner it comes, the better. By and by we shall learn to co-operate in buying as well as in selling, and thus eliminate much of the cost of distribution in the cities, which perhaps does more than anything else to prevent the farmer from getting a fair return for his labor.

Keep It a Secret

Prissy—I have eaten an onion.
Sissy—Don't breathe it to a soul.

Stops a Cough Quickly --Even Whooping Cough

A Whole Pint of the Quickest, Surest Cough Remedy for 50c. Money Refunded If It Fails.

If you have an obstinate, deep-seated cough, which refuses to be cured, get a 50-cent bottle of Pinex, mix it with home-made sugar syrup and start taking it. Inside of 24 hours your cough will be gone, or very nearly so. Even whooping-cough is quickly conquered in this way.

A 50-cent bottle of Pinex, when mixed with home-made sugar syrup, gives you a pint—a family supply—of the finest cough remedy that money could buy, at a clear saving of $2. Very easy to prepare—full directions in package.

Pinex soothes and heals the inflamed membranes with remarkable rapidity. It stimulates the appetite, is slightly laxative, and has a pleasant taste—children take it willingly. Splendid for croup, asthma, bronchitis, throat tickle, chest pains, etc., and a thoroughly successful remedy for incipient lung troubles.

Pinex is a special and highly concentrated compound of Norway White Pine extract, rich in guaiacol and other healing pine elements. It has often been imitated, though never successfully, for nothing else will produce the same results. Simply mix with sugar syrup or strained honey, in a pint bottle, and it is ready for use.

Anyone who tries Pinex will quickly understand why it is used in more homes in the U. S. and Canada than any other cough remedy. The genuine is guaranteed to give absolute satisfaction or money refunded. Certificate of guarantee is wrapped in each package. Your druggist has Pinex or will get it for you. If not, send to The Pinex Co., 223 Main St., Ft. Wayne, Ind.

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Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No lies. Durable, cheap. Pat. Sept. 10, '01. SENT ON TRIAL. CATALOGUE FREE.



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FITS I CURED MY DAUGHTER Doctors gave her up. Will send free. "Give express office." D. Lepso. Island Ave., Milwaukee, Wis.

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST., CHICAGO, ILL.

For Father, Son, Brother, Uncle, Nephew or Grandpa

$5.00 Safety Razor for Only 97c



Beautifully silver plated with stropper, handle and holder, a full set of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade $5.00 outfits sold in stores. Remember this Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States.

All you need to do is to refer to this ad. enclosing ninty seven cents, with your name and full address and the complete Grains SafetyOutfit exactly as described will be sent at once fully prepaid.

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This Department is intended to bring Buyers and Sellers together at Moderate Cost

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BOOK 500 FARMS, etc., everywhere, for exchange. Send description of yours. Graham Bros., Eldorado, Kan.

FREE MAP, showing richest farming and grazing lands in Tropical Mexico. Low prices. Easy terms. Write Mexican Isthmus Land Co., Commerce Building, Kansas City, Mo.

GOOD STOCK AND GRAIN farm with improvements. Full particulars from owner. John B. Doyle, Alanthus, Va.

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FARM WANTED—We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL your property write Northwestern Business Agency, Minneapolis.

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FLOUR AND FEED—Buy your flour and feed in mixed cars. Delivered quotations on request. Consumers Milling Co., Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

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RICE—New crop, 100 pounds beautiful, clean, white table rice, in double sacks; freight prepaid to your railroad station for $3.85. J. E. Cabaniss, Rice Farmer, Box 26, Katy, Tex.

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REPORT ON THE FREE SEED DISTRIBUTION

LAST spring we sent a collection of seeds, consisting of vegetable seeds, flower seeds, potato and corn to a large number of our subscribers. Combined with the distribution of the seeds was an offer to pay thirty cash prizes for the best reports of crops raised. A condition was that reports must be in our hands by or before December 1, 1911. This is to request all subscribers who are competing for the prizes to send their reports as soon as convenient. Even if you think you will not be in the prize list we wish you would report. But don't be too sure that you can not win a prize. This has been a dry season and against phenomenal size and yields.

Equity, The Peacemaker

There was a strong young farmer lad,
lived five miles out of town,
Upon a tidy little farm, a monarch without crown;
No mortgage rested on the place, no debt for long unpaid,
His energy an Eden had, of that small kingdom made.

A mile away there lived a man whose labor seemed for naught,
A meager living was the whole his constant effort brought;
The mortgage on his farm increased, as year by year went by,
Until he felt that 'twould be well could he lie down and die.

One treasure had this careworn man, one constant joy and pride,
A daughter, pure and loveable, was ever by his side,
She gave him courage to press on, to bear the stress of life;
She vowed that while her father lived, no man should call her wife.

But when one day our farmer lad this maiden fair espied,
And vowed that he would surely win her for his happy bride,
She listened to his suit with joy, she could not say him nay,
So vows of filial loyalty were pushed from sight away.

She left her father's humble home for one of greater thrift;
The husband sought the elder man from his slow rut to lift.
But hasty words the father spoke in jealous rage and pain
And so a deep'ning bitterness sprang up between the twain.

The daughter took her husband's side, as any wife would do.
Yet with her might she ever strove to reconcile the two;
This did no good but brought upon her own devoted head
The wrath her father felt for him whom she in joy had wed.

One day the news of Equity for farmers young and old
Came ringing through the place, where dwelt our farmer lad so bold;
He saw it was a thing of worth and pushed the cause along,
Until the farmers all about had formed a union strong.

The father, too, his stand had taken for Equity and right,
As brothers on the battle field they met their cause to fight;
Where love had failed, fair Equity stepped in and cooled their wrath,
And from that time in peace they walked within the selfsame path.

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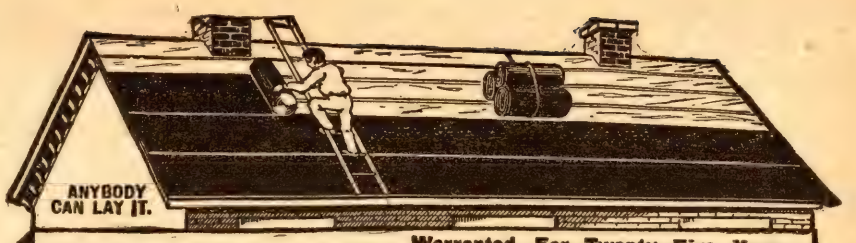
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Warranted For Twenty-Five Years.
FREIGHT PAID To Any Station East of Rocky Mountains, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

ONE-PLY .... Weighs 35 lbs., 108 Square Feet, $1.10 per roll.
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TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

Indestructible by Heat, Cold, Sun or Rain.

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100 Lbs. $1.35

For Fencing, Stays, Grape Vines, or Any Purpose Where Ordinary Wire Is Used

The galvanized wire which we offer at this great Bargain Wrecking Price is brand new, smooth stock. In manufacturing, wire mills accumulate mill ends—irregular lengths ranging from 50 to 250 feet which are bundled together in coils of 100 lbs. The wire itself is exactly the same as that which is wound on spools, the only difference being that the lengths are not continuous. Such wire is known as

Galvanized Wire Shorts

Handy to have about the farm for many purposes. Extensively used by fruit growers, fence builders, for all kinds of repairs, etc. Absolutely new, smooth, clean wire. You save big money in buying your wire in this way.

For the next 30 days, with every wire order **Free** enough wire staples to put it on with.

GAUGE NO.	APPROXIMATE NO. FT. TO 100 LBS.	PRICE PER 100 LBS.
6	1023	$1.35
8	1436	1.40
9	1724	1.50
11	2617	1.60
12	3424	1.65
14	5917	1.75

Above prices are based on orders for at least 100 lbs. Place your orders promptly as these wrecking prices will soon exhaust our stock.

Samson Fencing Built so it will not stretch narrow between posts. Wire is hard and springy. 20 inch Samson Hog Fence, per rod, 15c; 26 inch, 20c. Your perfect satisfaction guaranteed. Write for Catalog showing price wrecking bargains on hog, cattle, poultry, field and lawn fencing, lawn gates, poultry netting, etc.

Barbed Wire 100 pounds..... $1.85 Four point, galvanized new wire slightly shop worn, but in good condition; put up in catch weight coils, wrecking price, 100 pounds, $1.85. Regular brand new, first class barbed wire, 80 rods to spool, painted, $1.40; galvanized, $1.60.

Cement Coated Wire Nails, Per Keg $1.92 A patent process coats these nails with a cement preparation that lasts forever. Do not rust, drive easily, hold tight. Superior to common kind for every purpose. Sold in full kegs only—not by pound weight. Size 60d to 20d ranging from 1100 to 3100 nails to keg, $1.92 —other sizes equally as cheap.

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HERE ARE THE NAMES AND ADDRESSES OF THE 36 BOYS AND GIRLS WHO GOT THEM. READ THEM! COUNT THEM!

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4. "NED," Jules and Ruby Kobelin, Huntley, Mont.
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29. "JERRY," Cleta Johnson, Lawrence, Kansas.
30. "DANDY," Grace Burrows, Delano, Minn.
31. "CAPTAIN," Ida O'Keefe, Stanley, N. D.
32. "PRINCE," Norris Nupson, Preston, Minn.
33. "JIM," Joey Edwards, Hoisington, Kansas.
34. "MAJOR" } These three ponies were given away Sept.
35. "GINGER" } 25, 1911, and we didn't know the names of
36. "PATSY" } the winners when we wrote this advertisement but we will tell you who won them just as soon as we hear from you.

36

Notice that we print the names and complete addresses of the children to whom we have given ponies which we wouldn't dare do if it wasn't true that we gave away real live Shetland Ponies. You will see that we have given them to children all over the United States so it doesn't make any difference where you live we would just as soon send "Dixie Jewel" the next Pony we are going to give away to you as to any other boy or girl. If you write any of these children (be sure to enclose a two-cent stamp for reply,) they will tell you how fine their Shetland Ponies are, what fun they have with them and the first thing they did was to send us their name and address which you must do if you want us to send you "Dixie Jewel."

WE WILL GIVE YOU THIS PONY FREE

OR SOME OTHER BOY OR GIRL

"DIXIE JEWEL"

"Dixie Jewel" is a handsome four-year old black Shetland Pony, 44 inches high (how tall are you) and weighs about 350 pounds. You may have seen lots of ponies in circuses and elsewhere but we know you never saw a pony that is prettier nor cuter than "Dixie Jewel" which we are going to give you or some other child. Like most ponies "Dixie Jewel" is very fond of children. Hitched up to his nobby pony wagon he will haul you and all your boy and girl friends that can pile in, just about as fast as you want to go. And when you are not riding or driving him he will play with you and you can teach him to come when you whistle, and lots of cute tricks. You would be just the happiest child alive if "Dixie Jewel" were yours. Didn't you ever notice what good times children have who own ponies and how pretty these cute little fellows look trotting up the road. Everybody runs to the door and stops to look at a Shetland Pony going by. Can you think of anything you would like to own better than "Dixie Jewel?" Read this page through carefully and then send us your name and address at once.

With Complete Outfit, just as it looks in this Picture

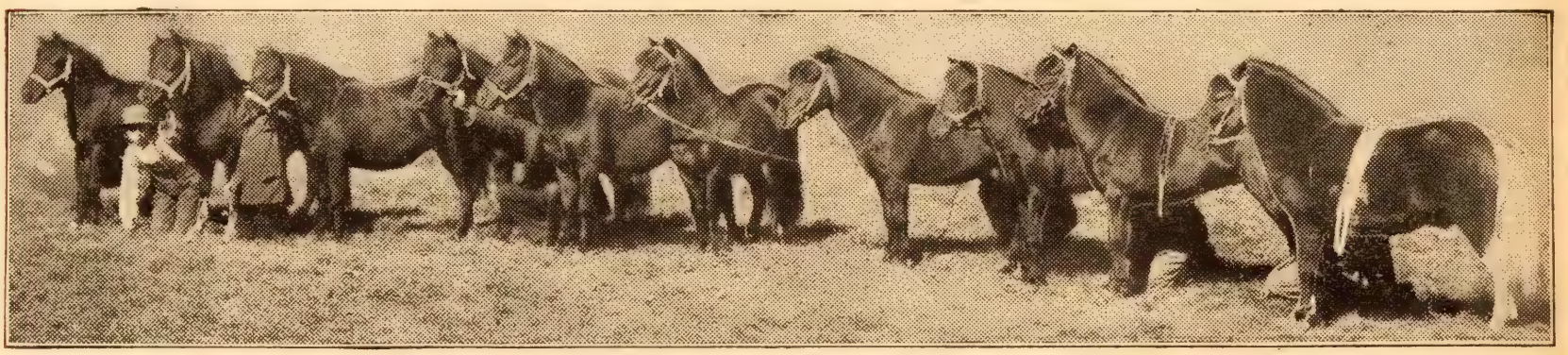


THE OUTFIT

And best of all we send free with "Dixie Jewel" the complete Pony Outfit just as you see it in the picture. The pon wagon is just the most comfortable ridin and easiest pulling we could buy for our purpose. We have given away so many that we know exactly what kind most boys and girls like. The handsome nickel trimmed harness looks just fine on "Dixie Jewel" and the riding bridle is imported and the saddle which we also send we have made to order for "Dixie Jewel." No child no matter how rich his parents may be owns a nobbier or more desirable pony and outfit than this one which we shall send free and all freight and express charges paid. This is surely the best chance you ever had to get a Shetland Pony so if you haven't any and think you would like to have us give you this one, send your name and address to us right now so it will be sure to get to us quickly.

SEND US YOUR NAME TODAY IF YOU WANT TO WIN "DIXIE JEWEL"

As soon as we hear from you we will tell you how to become a contestant for "Dixie Jewel." Don't let anybody persuade you that you cannot win this pony because our plan of conducting pony contests is different from others. The fact that we have given ponies to thirty-six boys and girls already is proof that we give them away. We publish The Farmer, The Farmer's Wife and Poultry Herald. The banker or postmaster in your town knows that we are one of the largest publishing houses in the United States so we can well afford to give ponies to boys and girls. Our contests are very short and you or some other child will get "Dixie Jewel" and have him to drive to school and everywhere. We never heard of one of these thirty-six boys and girls until they wrote and told us they wanted a pony which shows how fair and square our pony contests are and that no matter where the winner lives "Dixie Jewel" will be sent without any cost to you. You must send us your name and address right away.



SEND YOUR NAME TODAY

Our ponies are given away so quickly that you will stand a better chance to get this one if you sit right down and write us a letter or a postal card or send the coupon opposite filled out with your name and address (either way will be all right). The work we require you to do to become a contestant for "Dixie Jewel" is something that any boy or girl who could drive a pony can do, and any child who becomes a contestant will win a fine prize, even if they fail to win "Dixie Jewel" which is the best prize of all.

CUT OUT AND SIGN THIS COUPON OR COPY ON A POSTAL CARD AND MAIL TODAY

THE FARMER'S WIFE, 549 Webb Building, St. Paul, Minn.

Pleas send me Certificate of Entry, and pictures of "Dixie Jewel" and tell me how to take care of Shetland Ponies and feed them. I haven't any Shetland Pony and want to own "Dixie Jewel."

Name.....R. F. D.....

P. O.....State.....

EACH CONTESTANT A PRIZE WINNER

All contestants will surely get a prize of their own choosing from a list which we will send you. Besides the Pony Outfit and Twenty-five Grand Prizes we shall offer Gold Watches, Base Ball Outfits, Gold Bracelets, Fountain Pens, Hand Bags, Flash Lights, Rifles, Shot Guns and dozens of other desirable prizes. If you become an enrolled contestant in this Pony Contest you can't lose. But don't let anyone persuade you that you can't win "Dixie Jewel" because you have the same chance as any other child.

Be sure to address postcard or envelope, THE FARMER'S WIFE, 549 Webb Building, SAINT PAUL, MINN.

Pass This Paper to Your Neighbor---Make It Circulate



OFFICIAL PAPER OF THE FARMERS SOCIETY OF EQUITY

Volume XIV | NOVEMBER 1, 1911 | Number 21

1911		November				1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 28th	F. M. 6th	L. Quar. 13th	1	2	3	4
5	6	7	8	9	10	11
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Up-to-Date Farming

PUBLISHED TWICE A MONTH

EQUITY PUBLISHING CO., Inc.
Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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Oklahoma State Meeting F. S. E. Begins at Shawnee, Nov. 21st



This State meeting, called to promote every farmers' interest, is entitled to the encouragement and support of every institution and individual in the State. A cordial invitation is extended to every farmer, even if not a member of our Society now, and to others who sincerely want a better system of marketing farm crops established and a high degree of farm prosperity always maintained. See also page 23.

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

THE MOST WONDERFUL OF ALL FREE OFFERS

A BEAUTIFUL DINNER SET TO EVERY WOMAN WHO ANSWERS THIS ADVERTISEMENT

Our new easy plan for getting this Magnificent 31-PIECE DINNER SET is the most liberal offer ever made. Never before was a plan devised that was quite so simple and easy, and never before was so much value and real worth given which required so short a time on such a small effort to get it. Our plan is so simple, new and easy that one or two hours is all that it will take you to get it. This 31-PIECE DINNER SET is not only beautiful, but serviceable. It is a set that will give you much genuine pleasure and satisfaction, and one which you will be proud to possess and show to your friends.



WHILE WE HAVE GIVEN AWAY MANY VALUABLE PREMIUMS, THIS IS THE BIGGEST, BEST, MOST DESIRABLE AND MOST VALUABLE ONE WE EVER GAVE.

Empire China is a high art production of the famous Carrollton Potteries, noted makers of American China, which in itself is sufficient guarantee of the excellent quality of the Empire China Set, which comprises 31 pieces in all—made from clays imported from Europe which places it on a par with the finest imported ware. The pieces are all of the first grade (not seconds), light in weight, but very tough and very durable, snowy white in color, except the decorations, with a Haviland glaze which gives it a smooth and velvety appearance.

This Set Consists of six large plates, six cereal or fruit bowls, six cups, six saucers, six butter plates, one extra meat plaque—A set of ample proportions for the average household.

Safe and Quick Delivery Guaranteed—This set of 31 pieces of Empire China is carefully packed in a substantial wooden box, and is shipped by freight direct from the Carrollton Potteries, and safe delivery of each individual piece is absolutely guaranteed, and the set is shipped the next day after the request for it is received. Prompt arrival is assured.

TO EVERY WOMAN AND GIRL

We are going to give to every woman and girl who answers this advertisement the opportunity of getting this **31-Piece Empire Dinner Set free** by simply doing us a little service in her neighborhood, which will take only a few hours of her time. The service we wish you to do is to give away a big package of our extra fine DeLux Post Cards in connection with our Great 25-cent Introductory offer.

SEND NO MONEY

Just send me your name and address on a postal card or use the coupon below. We will then send you, all charges prepaid, 16 large packages of Post Cards for 16 of your friends, these Post Cards are very choice, artistic and beautiful—the finest in the country. We trust you with these cards. WE DON'T WANT ANY MONEY IN ADVANCE; we send them to you prepaid. Just as soon as you distribute these 16 packages of Post Cards on our new 25-cent introductory plan, and send us the money we will send you immediately this grand **31-Piece Empire Dinner Set.**

WE POSITIVELY GUARANTEE

that this **Empire Dinner Set** will be exactly as represented, also safe delivery of every piece. We replace any pieces that are broken in transit. We pay all the postage on the package of Post Cards, and guarantee the distribution to be easy, simply and quick work, and if found otherwise you are under no obligations to us and you may return the Post Cards at our expense.

WRITE US TODAY

Just send us your name and address on a postal card today, or use the coupon and we will send you the big package of Post Cards by return mail so you can begin without further delay to distribute them, and it will be only a question of a few days until you have this **Grand Dinner Set in your home.**

J. A. EVERITT, President
Equity Publishing Company
Department 103 **Indianapolis, Ind.**

CUT THIS COUPON OUT AND SEND IT TODAY

COUPON 103

J. A. EVERITT, President Equity Pub. Co.,
Indianapolis, Ind.

Send me, all charges prepaid, your 16 large packages of DeLux Post Cards. I will distribute them under the terms of your special offer. I want the 31-Piece Empire Dinner Set. If I find the distribution not easy I can return the cards at your expense. If I do distribute them on your plan you agree to ship me the Empire Dinner Set.

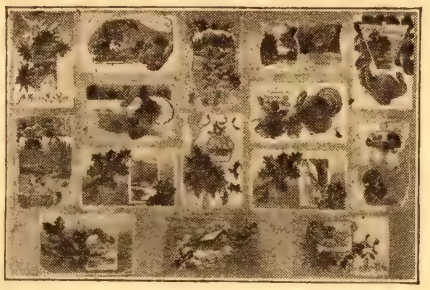
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Post Office ..... State .....

R. F. D. Address ..... County .....

Write Your Name and Address Plainly

HOLIDAY POST CARDS FREE.



A beautiful set of 15 assorted Thanksgiving, Christmas and New Year post cards given free with a 3 months trial subscription to Farm Life for only 10 cents. Farm Life is issued monthly, handsomely printed in color with 4 page cover on heavy stock. Editorial contents unsurpassed. A grand spread of interesting reading each month. The cards are this season's latest designs, artistically embossed, lithographed in 12 to 14 beautiful harmonious colors on choice grade of cardboard. Just send 10 cents today for a 3 months trial subscription to Farm Life and ask for Holiday card series No. 106. If upon receipt of cards and first number of Farm Life you are not delighted with both, write us and your money will be returned. Address

FARM LIFE,
DEPT E
322 So. Wabash Ave. CHICAGO.

Thanksgiving Cards Free

NOT CHEAP TRASH, BUT TEN BEAUTIFUL ONES

I want to send to every reader of Up-to-Date Farming ten assorted, embossed, colored Thanksgiving Friendship and Floral post cards, as handsome cards as you ever laid eyes upon, and without any advertisement whatever.

I do this to show people the high-grade cards I carry. If you prefer beautiful Christmas or New Years cards say so when you write. All I ask is that you send me 4 cents in stamps to cover postage. Address O. M. Lawrence, Sec., Dept. 4-F, Rochester, N. Y.

FREE GIFT TO YOU



REGULATION RUGBY FOOT BALL

Official size, best pebble-grain leather, linen lined, reinforced and double stitched, laced opening with leather tongue, guaranteed finest rubber bladder with blow-tube. Just the thing for the out-door youngsters. Lots of fun and healthful exercise. I will send you this foot-ball **FREE AND PREPAID** for distributing a few beautiful Art Pictures free among your friends. Write today for pictures with full instructions how to distribute under my free plan and earn the RUGBY FOOT BALL FREE.

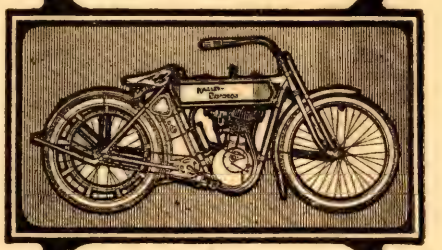
SEND NO MONEY

Simply say "I want to earn the Rugby Foot-ball and will do my best."

D. W. BEACH, Box 77, SPENCER, INDIANA

HARLEY-DAVIDSON

IN one section of Indiana one out of every eight farmers own a motorcycle. These farmers have realized the economy, the convenience and the pleasure of this best of road steeds. Most of these machines are Harley-Davidsons. Selected because they are the most economical (they hold the World's record for economy). Because they are the most reliable.



(In the New Jersey and Peninsular Motorcycle Clubs Endurance Contest, as well as the Cleveland Road Contest held this year, every Harley-Davidson entered, got a perfect or 100% score. The average of the 11 other makes competing was 43%). Nearly one-third of all the motorcycles sold in America are Harley-Davidsons. Made and guaranteed in the largest exclusive motorcycle factory in the World. Send for catalog.

HARLEY-DAVIDSON MOTOR CO.
869 L STREET MILWAUKEE, WIS.

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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EDITORIAL

Competition and Co-operation

THE government, or rather those who have temporary control of the government, seems to have a problem before them in the monopolistic combinations or trusts that menace the freedom and equality of the people. To do or not to do is the hardest question for them to settle. If they could be convinced what action would win them most votes it would be easy for them to decide what action to take. This may seem like an unkind thing to say of public men, but we submit if their speeches, their record and their intercourse with the public do not justify us in saying it. Every care is for the party. Whatever one party does is evil in the sight of the other, and the main thing in government is to "stick to party." In Republican insurgency and Democratic progressiveness, if these terms really mean anything when so applied, there may be a rift in the cloud, but people that have so often been deceived are always slow to believe.

Therefore, in dealing with the trusts if the leaders could be shown how they could do it and lose no support the solution of the problem would be simple. The Standard Oil has been ordered to dissolve, but it has been given a long time in which to gather up the fragments that "nothing be lost," not even of power or ability. So of all the trust propositions. They are long drawn out, and taper very much at the end.

It is now suggested that the final solution will be for the big trusts to break up and reorganize in smaller combines and do business in competition with each other, and then the government will give them a pass and a certificate of good character. Just as if people who have made themselves millionaires doing business as directed by a common head, would chop off a little slice of that business and set out in a one-horse vehicle to conquer the world! As well order the body to cut off its limbs, each to set up in business for itself. There would be nothing doing so long as there was no connection with the body, and if anything was accomplished it would be positive proof that the cutting off was a sham.

But the main object seems to be to inaugurate a system of competition. If that were possible after the concentration we have had, would it be best? Have we learned nothing during all these years of monopoly? Was diamond cut diamond, a constant gouging at each other and everybody else, ever the best system for our advanced civilization? The laboring people concluded not, and they early learned to co-operate in a measure. The farmers have attempted it a time or two, but without very encouraging results, because they have been so inclined to ignore a plain and simple and universal plan. The manufacturing people felt that they did not so much need co-operation, as the government gave them all the opportunities they could ask in the shape of special privileges. The speculators and market manipulators did not try co-operation. They went into the business world and bought up or crushed whatever they could not control.

This is a fair recital of the situation today, and no plan yet proposed by the government will make it any better. Congress may enact laws and they will be evaded. The courts may render decisions, and those against whom orders are made are as smart and well nigh as powerful as those who made them. The orders may be obeyed in name, and action may be taken to satisfy those who do not wish to see, but the worms will be inside the nut all the same.

Let us suggest a general application of the true principles of co-operation. The selfish combinations might not be thus controlled, but they could be curbed and made comparatively harmless. In this movement the farmers would be decidedly the most important factor. They produce almost a life's common necessities, and they are, therefore, the first owners of them. Were they to decide co-operatively when these things were to be sold, how they were to be sold, and when and where and how distributed, where would there be any room for the evils of which the public now so loudly complains? The harmful trusts would disappear for want of material to live upon.

Even co-operation might become greed controlled and monopolistic? No. There is still a government in this country, a glorious model of a government. Remove the power of monopolistic combines and big interests, that officials so much dread, and the nation will quickly get back to being a government of, by and for the people, and we may then have general co-operation controlled by the government, with "equal and exact justice to all and special privileges to none—equity in all the business relations of life."

Pessimistic View of High Prices

DR. HENRY WALLACE, president of the late conservation congress, is reported to have said that food prices in this country will never go lower. He admitted that there might be slight variations, but contended that the lowest permanent level in the price of food has been reached. The reason he gave is quoted in the papers as follows:

> The application of science to production has caused all the present industrial evils in the United States. Science has separated the producers too far from the consumers. Until there are enough persons on the farms to till the soil so it will produce enough to support the demand of the consumers in the cities, the high prices will continue. I don't look for this condition to come soon."

This undoubtedly gives prominence to the question, what is science as applied to production? The schools, the institutes, the press, the department of agriculture, and the experimental stations, have all been working with might and main to induce the application of science to production, and bring about scientific farming. They claim to have succeeded to an extent very encouraging to them; but if what they have accomplished has "caused all the industrial evils in the United States," it had been much better if they had done nothing.

Mr. Wallace's idea of the effect of the "application of science to production," if he is correctly reported, is something remarkable; and it is no less remarkable in view of what follows: "Until there are enough persons on the farms to till the soil so it will produce enough to support the demand of the consumers in the cities, the high prices will continue."

It has been universally claimed that the application of scientific production increases production, and that the use of scientifically built machinery helps to fill the gap created by the so-called lack of farm labor. Hence if increased production is what is needed, the application of science to production, better farming is the remedy.

But Dr. Wallace can not be ignorant of the fact that the farmers of this country never fail to produce enough to supply all demands, and furnish millions of dollars worth of farm products to be sent to other countries. The government records of exports show this. It has been the boast of American statesmen that what our farms produce and send abroad hold the balance of trade with foreign countries in our favor. Then we must already have enough and to spare, and a lack of production has nothing to do with the high price of foods. Meat is never scarce until it gets into the packing houses. Breadstuff is neither scarce nor high until the grain gets into the elevators and the mills. Poultry and dairy products and fruits are not scarce until they get into the storage houses.

Would it not be well for Dr. Wallace and learned men that think as he does, to study distribution? If the application of science to production has done so much, good or bad as it may be viewed by different persons, why not apply science to distribution? Scientific methods are busy on the farms to produce stuff to supply the needs of the people, but there the farmers stop, and there the cities may starve with mountains of food stuffs rotting in the fields if there be no means of getting the food to those who need it. And to allow it to go into monopolistic storage dens or to rot in glutted markets, is just about the same as allowing it to rot in the fields so far as supplying the people's needs is concerned. It is when they come out of these monopolistic concerns that foods take on their high prices. The increased production sought by Dr. Wallace and so many others, would compel the speculating combines to build additions to their houses, and that is all the effect it would have. It would not supply an additional hungry person or make anything a cent cheaper.

Now, try science as applied to marketing, to distribution. Get the foods to the earters without sending it through these miserable toll gates of speculation. Pay the farmers for their stuff and then let it go direct to the places of consumption. There is no sense, saying nothing of science, in sending it to distant centers thence to be distributed, often coming nearly back to the place of production. The high cost of living may continue, but it will not be because the farmers don't produce enough, but because a few monopolistic concerns tax the people to gratify their greed and make them millionaires.

Ought to Produce More

THE burden of a majority of those who pose as teachers of farmers is that they should produce more. The strenuous efforts of the college experiment stations is that the yield per acre should be greater. The gist of the complaints of those who find fault with and scold the farmers is that there should be a greater quantity of farm products. Even the lawmakers who pretend that they would remedy the evils certain classes complain of, do their utmost to open the doors to an influx of foreign products, we suppose to punish our farmers because they do not produce more.

Do any of these produce more people ever ask themselves why they do not as persistently urge manufacturers to produce more of the articles they make, and exert their greatest energies in showing them how to do it? And do they ever inquire, even in their own minds, why American farmers should produce more?

It is very rare indeed, that there is a scarcity in this country of farm products, of the raw material for foodstuffs and clothing; and farmers have never received unreasonably high prices—never prices that contribute much to the high cost of living. They could not with the entire commercial world, and indirectly our own President and Congress, exerting all their powers to pulling those prices down.

On the contrary, it is often a fact that farmers are compelled to accept prices that carry no profit at all. Their capital, the value of their farms is never taken into account for a profit, and no class of labor is so poorly paid as farm labor. As a rule, a living without getting in debt, saying nothing of an accumulation of profits, is as much as is looked for, and even that accomplishment would be the exception were it not for the fact that the farmer's living mostly comes from his own fields. He has no encouragement either to multiply his acres or to increase their productiveness. In fact, the returns from his crops do not make him able to do either. This is the lamentable condition that every year drives young people from the farms to the cities, and that annually reduces the supply of farm labor.

Are we told that all this is because farmers do not produce more? Our pseudo instructors make figures to show us what a great increase in our crops a little increase in the acreage yield would make, and then they make other figures to show what a great addition that would be to the farmer's income. But they figure at the prices paid for the smaller crops, ignorant of or ignoring the fact that every pound or bushel above a supply of the demand reduces the price until farmers frequently get less money in the aggregate for a large crop than for a medium one.

If this so-called educational energy were devoted to teaching farmers a better system of marketing, with direct shipments and cheaper distribution, and if some of our lawmaking activity were exerted in breaking down the evil practices that now rob farmers of simple justice and equal fairness in business, a change could be easily brought about that would justify increased production and enable the farmers to bring it about.

Mr. Taft and His Record

WE HOLD these truths to be self-evident: "That no policy, no law, no court decision, is just and equitable that does not affect all citizens alike under like circumstances; and that special privileges, special opportunities conferred by law, are incompatible with equal rights and free government."

William H. Taft, President of the United States, and who wishes to be re-elected to that high position, felt it necessary, as few Presidents have, to travel the full length of the country to personally discuss certain of his official acts, knowing evidently that those acts are not in consonance with the principles above enunciated, but hoping by the prestige of his office, and amid the honors conferred upon the office rather than incumbent, he might be able to persuade the people, particularly the farmers, into taking a kindlier view of these acts, or looking over them to see the President.

But when it comes to questions of justice and equality of the fundamental principles of our government, we believe the truth should be told and every actor held responsible for his acts, whether a legislator, a governor, a President of the United States, or all of these combined. Justice and fairness to the people, and the sacred principles of equality in our government, are of more importance than any or all of these, who at best are but rulers for a little season. Mr. Taft devotes his energies and opportunities to explaining just a few of his official acts. The political party which claims the honor (?) of having placed him in power, prides itself in being "the party of protection"—of protecting home enterprise and labor from the harmful competition of other people by compelling those people to pay a tax or license for the privilege of selling their products or wares in this country. It has been quite generally admitted, however, that this tariff protection is higher than is necessary for just and reasonable protection under present conditions, and a revision of that tariff, a revision to make it lower as the people clearly understood it, was a prominent feature of the campaign at the close of which Mr. Taft was elected. But it has always been agreed that the tariff protection extended to farmers, to the agricultural classes in general, has been exceedingly meager, never high enough to make the protection equitable between the farmers and manufacturers, the elements that have grown into the "Big Interests."

The pet measure of Mr. Taft's administration was a so-called reciprocity agreement with Canada. This agreement abolished all protection to farming but retained more or less protection to all other classes. The President laid this measure before Congress with a special message, practically demanding its adoption without a single amendment. After considerable coercion, both Houses agreed to it, and Mr. Taft hastened to approve it with his signature. This was all tariff taken from farm products, and the gates of Canada were opened to free competition with the agriculture of this country. Canada, however, by a vote of its people, rejected the agreement and saved American farmers from the severest blow that was ever aimed at them.

After removing the tariff from agricultural products, as Congress and the President thought they had done, both Houses of Congress adopted a measure placing on the free list certain manufactured articles that farmers had to buy largely, and whose prices were made higher by the tariff. This measure Mr. Taft unhesitatingly vetoed, declaring it was hastily enacted, that it was unscientific, and that Congress must await the action of something he called a tariff board before they dared presume to put any manufactured article on the free list. No question of science was raised, nor of hasty action, nor of tariff board, when the President practically forced Congress to put all farm products on the free list and take all tariff protection from farmers.

Then both houses of Congress enacted a new measure not putting any article on the free list, but reducing the tariff on various goods and commodities manufactured from cotton. The President again interposed his veto, declaring Congress an unscientific body, that as representatives of the people they do not know how to revise the tariff and must await the action of his tariff board.

The Congress then enacted a similar measure reducing the tariff on woolens, goods and commodities manufactured from wool. The President vetoed it, alleging reasons similar to the above; and it is to explain and justify these acts that Mr. Taft has been traveling over the country.

Without raising a question as to these vetoes or measures, we refer back to the fundamental principles of our government. If tariff duties are a protection to manufacturers they must be a protection to farmers. If scientific consideration and the report of a tariff board are necessary to a wise removal or reduction of the tariff on manufactured articles, they are equally necessary to the removal or reduction of the tariff on farm products. If the tariff and other laws confer special privileges or opportunities on one class of our people, they are unjust, inequitable, and contrary to the spirit of our government if they do not confer like privileges and opportunities on all our people. Before Mr. Taft can explain away these things he must explain away the spirit of our government.

One other measure deserves consideration in this connection. New Mexico and Arizona, the last of our territories, have long been ready for statehood, and have been knocking at the door or the general government for admission. Finally they were authorized to adopt constitutions making them separate states. These were presented to Congress as required by the enabling act, and both Houses voted to accept the constitutions and admit the two states to the Union. President Taft discovered that one of the states, exercising the rights of a free people, had provided that, if its officers, including judges, proved untrue to their trusts, they might be recalled from office by the same powers that put them in office. President Taft said: "No, you may govern yourselves but not your courts. These may be needed by interests you common people do not understand, and you can not come into the Union, even though both Houses are willing and recognize your rights as a free people, until you take that provision out of your constitution."

We have no antagonism to Mr. Taft, but we have to the spirit that is absorbing the rights and privileges of the people, to the tyrannical spirit that is building up at the expense of liberty and equity, great, selfish interests that are monopolizing the good things of the nation and unmercifully preying upon the agriculture of the country. We do not know why Mr. Taft thus so emphatically arrays himself with these special interests and against the masses of the people, and it will take a more vigorous "swinging around the circle" than he has yet done, to convince the people of the justice, honesty or wisdom of his acts. There are too many of them, all tending in the same direction. It is not a question of politics or party. Mr. Taft's own party does not approve these things. Discussing these very measures, Senator LaFollette said in the Senate, July 13, 1911:

> The President allied himself with these same interests in the tariff legislation of 1909; with these same interests when he defeated the tax on individual incomes that session; with these same interests when he proposed and attempted to force through Congress the railway-rate bill in 1910; with these same interests in the long and heart-sickening affair in Alaska, the end of which no man knoweth; and with the power greater than all back of these same interests when he, on June 22, at a meeting of the New York State Bankers' Association, openly announced his support of the Aldrich-Morgan credit-controlling monopoly of all monopolies.

The Government and the Cotton Market

DISPATCHES from Washington not long since indicated that the government is to make an effort to obtain higher prices for cotton by an "improvement in the methods of handling, grading and marketing the crop."

This does not very strongly appeal to us; it is too much like previous efforts the government has made in other things. Not long ago the papers proclaimed that the government proposed to see to it that the farmers got better prices for eggs, and "experts" were sent out to teach them how to do it. It developed however, that the idea was a better grading of eggs, so that none but the freshest eggs would be taken to market, and the farmers or their wives were held responsible for every bad egg that found its way to town. Here is a specimen of the instructions given farmers by the experts to enable them to get better prices for eggs:

> Sell only full-sized (two ounces) fresh, clean, uniformly shaped eggs. Keep nests clean; confine broody hens; gather them at least twice daily; keep in a cool, clean place free from all odors. Never offer for sale small, dirty, cracked, stained or doubtful eggs.

Who is benefited? The buyers get better eggs to sell and store, but do they pay any better prices? These experts don't know the difference between value and price. Their efforts are directed to increased value, supposing, we presume, that the market manipulators will increase the prices as the value increases, or as the better goods are marketed. Poor, innocent people!

We are in favor of selling only good eggs, not in the hope of increasing the price thereby, but because it is wrong to sell bad ones; but speculating price-makers will have to be controlled by some other means.

We imagine this boasted government effort to increase the price of cotton will wind up about the same way. The cotton is to be graded by government standards, we are told, and also that "these standards have been in the hands of the cotton exchanges for some time," and, of course, have the approval of the exchanges, not to make better prices but to bring in better cotton. It would be refreshing to see the government do something without first consulting the trade interests.

If this government effort materializes, cotton planters will find themselves up against the most difficult preparation of their cotton market they ever encountered. The price to them will not be any better because it will be made by the exchanges just the same, but the buyers and manufacturers will have better grades and less loss in handling and manufacturing. Farmers need not expect relief until they go after it themselves.

Cattle Men Combining

THE cattle men of Texas, and elsewhere, the newspapers tell us, have decided their only way out of the trouble they have been forced into by the combined dealers and packers, is to combine themselves, and that they are doing that. If this combination is for equitable co-operation much good may result from it; but if it is only a spasmodic effort to gratify somebody's whim or to give somebody something to do, like so many other efforts of the kind, it will fail of accomplishment.

This new combination, it is said, is backed by 3,000 members of the Texas Cattle Raisers Association, and 300,000 Texas farmers who together own 9,000,000 head of cattle, and who annually market more than a million head. The object as stated by Mr. Ed. C. Lasater, president of the first named association, is to more equitably distribute the 300 per cent. profit which he alleges is now added to the cost of the beef steer from the time it leaves the farmer to the time it reaches the consumer.

It is charged by Mr. Lasater that the greatest portion of this enormous profit goes into the coffers of the packer. While the packers, continues Mr. Lasater, are growing richer and richer every year, and the consumer is paying more and more for his beef, figures recently compiled show that the producers of cattle are receiving less for their output, beef steers often selling for less than the cost of production. This movement, says Mr. Lasater, is to be made nation-wide, and it is to find out why the price of beef goes up while the price of cattle goes down.

Singular Facts Concerning the Cotton Crop

THAT a great farm crop in this country should nearly every year deteriorate in condition from May to the time of its harvest seems almost unbelievable; but, according to the Department of Agriculture, cotton does that with but few insignificant exceptions, or has done so for the last preceding ten years. The following table was recently issued by the department and gives the condition of the crop as found by the department for the years and months named:

Year	May 25	June 25	July 25	Aug. 25	Sept. 25
1910 ...	82.0	80.7	75.5	72.1	65.9
1909 ...	81.1	74.6	71.9	63.7	58.5
1908 ...	79.7	81.2	83.0	76.1	69.7
1907 ...	70.5	72.0	75.0	72.7	67.7
1906 ...	84.6	83.3	82.9	77.3	71.6
1905 ...	77.2	77.0	74.9	72.1	71.2
1904 ...	83.0	88.0	91.6	84.1	75.8
1903 ...	74.1	77.1	79.7	81.2	65.1
1902 ...	95.1	84.7	81.9	64.0	58.3
1901 ...	81.5	81.1	77.2	71.4	61.4

It will be noted that there is almost a constant downward slide from May to September of each year. In 1908 there was a slight gain from June to July, but there was a falling back below May in September. In 1907 there was a gain from May to June, and from June to July, but again September dropped below May. In 1904 it made a similar record, but the general grade was higher throughout the season. So also of 1903, the general condition being lower. There is certainly not another crop in the country that shows this condition, and cotton planters might gain something by an effort to discover the cause of it.

Cement to Be Monopolized

THE last few years have seen a wonderful increase in the use of cement, and that article has become a staple, if not a necessary commodity—prominent in trade, and prominent in uses, and no other commodity can take its place.

These are the conditions sought by the combinations and trusts, and, as was to be expected, word comes of a merger of all the larger cement manufacturing plants in Missouri, Nebraska, Kansas, Oklahoma, Iowa and other states west of the Mississippi river. The plan is said to be to merge all the plants into one, paying each individual company for its plant, 50 per cent. in stocks and 50 per cent. in bonds of the new corporation. The idea of the merger is to reduce production and advance the price.

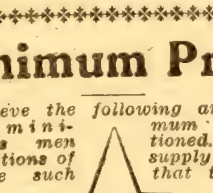
Let them merge. They will do it; all competitive business has done it, or is doing it but farming; and so far as that business is concerned, every "expert," from the President to the milker of his cow, feels called upon to urge the farmers to manufacture more and more of their stuff, and to put it on the market at the first offer. If they seem slow to do that, then they try to bring in all that some other nation can make, so as to compel the farmers to "come around."

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago	$1.25
WHEAT—No. 2 Northern Spring, at Minneapolis	1.30
OATS—No. 2 White, at Chicago	.55
BARLEY—Good malting, at Chicago	1.00
RYE—At Chicago	1.50
HAY—Choice Timothy, at Chicago, ton	$22.00@$24.00
POTATOES—Choice, at Chicago	.85
BEANS—At Chicago	2.50
COTTON—New crop, to the grower	.13
BROOMCORN—Choice Illinois, at Chicago, ton	$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton	125.00@150.00
CATTLE—Good to choice, Steers, at Indianapolis	$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis	7.00@7.50
HOGS—Good to choice, lights and mediums	6.50@7.00

1910 CROPS

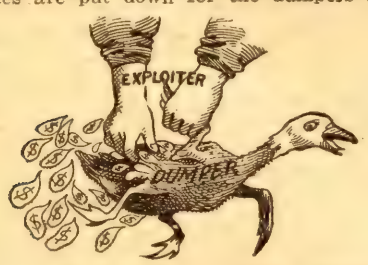
CORN—No. 2 White, at Chicago	$ .65
BUCKWHEAT—At home market	.85

Advice

Hold all crops that are not selling at the minimum prices or above. Market only while the price will be paid. Watch the market and this department and stop as soon as the price declines below the Minimums. Old readers know that it pays to act on our advice. We have been giving advice about prices and marketing for nine years and the mistakes have been the rare exceptions. No matter what you think of the minimum prices and our advice now, you will make more money if you respect them. Help to get this paper in the hands of all your neighbors.

IN CONTRAST with earlier months the weather has been too wet in most of the grain states, retarding the sowing of wheat and the harvesting of corn. In fact, the acreage sown to wheat is less than would have been with less rain. Corn is well matured but the absence of killing frosts and much rain have kept it unfit to market. The rains have also delayed the threshing of spring wheat in the northwestern states and in Canada and damaged the grain very much on both sides of the boundary line. The November government report estimated the potato crop at about 60,000,000 bushels less than last year. We predict the next report will reduce this shortage, because of the late fall and good growing weather. Notwithstanding the low price for cotton the marketing is liberal. If the 1911 bumper crop goes on the market at present prices it will bring the growers less money than any crop for several years. It is no wonder that farmers of the south are depressed. But we can wonder why the national Department of Agriculture and nearly all subordinate agencies continue to teach production only.

Live Stock is on the toboggan. The buyers have their inning with every crop. It does not appear to matter much how short a crop is, when the big harvest time comes prices are put down for the dumpers and



they are fleeced. Its a regular geese picking game. But the demand for farm crops has come to be so great that it matters little how big a crop is, the hungry consumers must have what the wise farmers hold and *at the seller's price, too.* Look at our minimum prices.

Wheat visible did itself proud since our last report; gained over 9,000,000 bushels. This shows the contempt the growers had for the wheat after they grew it—would not protect it, but dumped it for others to gather in and hold. The increase was mainly in the spring wheat states. But the price of wheat advanced 5c to 7c a bushel in the same period. If this means anything it proves that the buyers have confidence in wheat, are anxious to get it and are constantly advancing their bids while piling up the greatest supply in more than ten years. The nearest to the present visible supply was in January, 1901, 61,245,000 bushels. Notwithstanding the enormous visible we still hold to our prediction of $1.25 wheat and advise holding.

We call particular attention to the enormous receipts of potatoes at Chicago, compared with last year, when the crop was larger. These potatoes are not nearly all being consumed, but a large proportion are going into storage. This suggests controlled marketing, or, if they can not be controlled on the farm send them to some of the Equity System representatives to be held in the cities. Full instructions can be secured in the "Directory," sent to all members of the F. S. E.

We glean from the October government crop report the following:

Wheat crop 40,000,000 bushels less than last year.
Corn 367,000,000 less than last year.
Oats, 253,000,000 less than last year.
Rye 3,000,000 less than last year.
Barley 17,000,000 less than last year.
Buckwheat 1,000,000 less than last year.
Rice 2,000,000 less than last year.
Potatoes 60,000,000 less than last year.
Tobacco 269,000,000 pounds less than last year.
Hay 14,000,000 tons less than last year.
Quality of all grains below average.

Of course, final estimates may change some of these figures, but enough is revealed to show that this is a short crop year and those who refuse to dump will get equitable prices at least.

The following figures tell the market story.

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on October 14, 1911, with comparisons, are shown in the following table: (The sign — before the figures means decrease, X means increase.)

	Oct. 14 1911 Bushels	Change from 1 wk. before Bushels	Change from a year before Bushels	Change from 2 yrs. before Bushels	Change Bushels last year
WHEAT	66,712,000	X 9,094,000	X 18,390,000	X 34,159,000	X 5,039,000
CORN	4,752,000	—3,264,000	— 2,001,000	— 1,616,000	— 982,000
OATS	27,011,000	— 538,000	— 287,000	X 7,840,000	—2,200,000
BARLEY	4,781,000	X 597,000	X 1,053,000	— 1,306,000	X 1,249,000

Closing Prices of Cash Grain

Cash grain closed in the leading markets on October 23, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

	Oct 23	2 wks. before	A Yr. before
Chicago	$1.01⅜@1.03	96⅜@96¾	95
St. Louis	1.02 @1.03½	98 @99½	1.00
Kan. Ct.	1.02 @1.03½	99 @99½	95
Cincinnati		98 @99	1.00
New York		98½	98

Minneapolis—No. 1 Hard Spring $1.12⅛; No. 1 Northern Spring, $1.11⅝. Two weeks before, $1.08¼ and $1.06@1.07¾, respectively. A year ago, $1.05¾ and $1.04½, respectively.

	CORN, No. 2, WHITE		
Chicago	76 @76½	70½@71	45
St. Louis	74½@75	70½@71	49½
Kansas City	70½@73	69	48½
Cincinnati		73½@74	52
New York		76	56

	OATS, No. 2, WHITE		
Chicago	48¼@48¾	47½@48	32
St. Louis	48½@48¾	46½@47	32½
Kansas City	48½	47½@48	32
Cincinnati		49½@50	34
New York		53 @53½	37½

Future Grain Prices

Chicago grain futures closed October 23, 1911, and two weeks before, as follows:

WHEAT—December, $1.01⅝; May, $1.06½; July 99⅞c. Two weeks before, 97½c, $1.03 and 99⅞c, respectively.

CORN—December, 65½c; May, 66¼c; July, 66c. Two weeks before, 64⅝c and 65½c, respectively.

OATS—December, 47⅞c; May, 50¼c; July, 47¼c. Two weeks before, 47¾c and 50¼c, respectively.

Statistical Situation of Cotton

The aggregate world's visible supply of American and other cotton last week, as made up by the New Orleans Cotton Exchange, is shown, with comparisons:

Week ending	Oct. 23 1911	Oct. 6 1911	Oct. 14, 1910
American	2,226,079	1,933,561	1,844,385
Other kinds	537,000	552,000	542,000
Total	2,763,079	2,485,561	2,386,385

The visible supply increased 841,379 bales in two weeks. In the corresponding period last year the increase was 810,252 bales.

Price, New York, October 23.—Middling Uplands, $9.45; Middling Gulf, $9.70. The price is 75c a cwt. lower than two weeks before.

Live Stock

Indianapolis, October 23, 1911

CATTLE—Good to choice steers, 1,100 lbs. and upward	$5.25@6.50
Good to choice, 900 to 1,100 lbs	4.75@5.25
HOGS—Best heavies, 210 lbs and upward	$6.75@6.70
Good to choice lights, 160 lbs. to 180 lbs	$6.25@6.50

The price of cattle is $1.00 to $1.75 lower than two weeks before. Hogs are 20 to 25c lower than two weeks before.

Chicago Produce Market

October 21, 1911

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

POTATOES—Arrivals by cars, with comparisons, follow:

	This wk.	Last wk.	Last Yr.
Monday	250	127	135
Tuesday	162	76	38
Wednesday	110	83	45
Thursday	75	108	75
Friday	74	80	52
Saturday	80	188	50
Total, 6 days	751	662	395

Market was steady at late prices. Demand today was slow. Sales were at 57c to 62c for Wisconsins. Dealers to report a good outside demand. In addition to the 80 cars received by rail, 3,000 sacks of Michigans arrived by boat.

Sales reported were: Wisconsins—3 cars at 57c, 3 cars at 58c, 1 car sacked at 50c, 1 car do. at 62c.

The market was quotable as follows:

Bulk, per bu, Minnesota, Red River Ohios, fancy	$ 80@....
Bulk or sacked, Wisconsins, Burbanks or Rurals, ordinary to good, not ripe	55@ 57
Choice to fancy	58@ 62
Kings, as to quality	60@ 62
Michigans, good to choice	58@ 62

Red River Ohios are 8 to 10c lower than two weeks before. Wisconsin, 10c lower and Michigans are 7c lower than two weeks before. The price is 10 to 15c higher than a year before.

STRAW—Scarce and firm. Rye Straw quotable at $9.50@10.00. Oat Straw at $7.50@8.50. Wheat Straw at $6.50@7.00.

Each variety of straw is 50c a ton higher than two weeks before.

BEANS—The market for Pea Beans has been a little unsettled lately. Early in the week there was some decline. Arrivals had somewhat passed expectations. Easier prices attracted more demand, and a firm feeling and some recovery followed. Spot Red Kidney Beans having become scarce with some demand existing, became firmer and advanced somewhat. There were no other changes. Closed as follows:

Pea Beans—	
Hand-picked, choice	$2.43@2.48
Mediums nominally about the same as Pea Beans.	
Red Kidneys, depending on quality	$2.75@3.25
Brown Swedish, long	2.75@3.00
Round	3.25@3.50

The price of Pea Beans is 15c a bushel higher. Red Kidneys the same to 25c higher, and Brown Swedish the same as two weeks before.

BROOM CORN—Only a small stock here as yet; demand light.

Per ton, new, depending on quality	$180.00@220.00

Two weeks ago there was no quotation at Chicago but the central markets were evidently trying to keep the facts of a great shortage of supply away from the growers. The quotation published above is another proof of the value of the advice given in this paper and that growers should keep our minimum prices in mind and hold for them. A year ago we announced $1.50 to $175 for choice Illinois stock. Until a couple months ago only about half these prices would be paid. But can a farmer make money faster than to make 50 to 100 per cent. by holding his crop, even though it be held until near the beginning of the next crop year? It surely does not cost as much to hold it as to raise it. We predict very fancy prices for broom corn that is held. Every broom corn grower ought to read this paper and know our minimum prices.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned, were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	4591	6,543	5,611
Tuesday	5,006	5,949	3,549
Wednesday	4,032	3,305	3,915
Thursday	3,410	2,779	3,540
Friday	4,010	5,145	3,800
Saturday	2,783	4,848	3,753
Total	28,832	28,569	24,168

Receipts, April 1, 1911, to October 21, 1911, 2,298,068 cases.

Receipts, April 1, 1910, to October 22, 1910, 2,632,128 cases.

Receipts, April 1, 1909, to October 23, 1909, 2,563,962 cases.

The feeling is firm and no change made in the quotations.

A good demand exists and all fine, fresh laid stock is taken on the home account and to fill outside local orders. Not any more fine Eggs coming than required to supply the demand—in fact, more could be handled to advantage. Storage Eggs are being brought out quite freely.

The receipts are fair and the quality is good, although some stale and held stock is found among the receipts, and such lots sell at irregular prices.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned—Eggs which will not grade—14½@17½c, depending on quality.

Ordinary Firsts quotable at 18c.

"Firsts" quotably 21c per dozen.

"Prime "Firsts" quoted at 22c.

Checks or Seconds quotably 7@10c, depending on quality.

Dirties quotably 12½c per dozen, and candled stock will command a higher price.

The price of ordinary, "firsts and prime are 1 to 2c a dozen higher than two weeks before.

APPLES—Reports are of a slow market. Demand from local trade and from shippers is small. About all these buyers seem to care for is a few nice eating Apples, like Jonathans. Twenty Ounce and Snows. There is a fair business doing in bulk Apples. These Apples must be sold. They rule easy and irregular due to difference in quality. A fair quantity of nice winter fruit is coming in and this is going into coolers. There are fairly good arrivals of western box Apples. Aside from a moderate inquiry for Jonathans there is little demand for boxes and some of these are going into coolers.

Late News From Equity Markets

Subscribers run a risk if they ship to addresses below and without having complete shipping instructions contained in the new "Directory" of the Equity System. It will pay to have the co-operation of these people

Continued on Page Twenty-two.)

Market No More Crops the Old Way The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from ..... P. O. .....

R. R. ..... County ..... State .....

Are you a member of F. S. E. ..... My Shipping Station is ..... On Railroad .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.



You Can Feel Safe

when driving home at night if you use a Rayo road lantern.

Its strong, white light reveals the road ahead; the ruby disc in the reflector is a warning in the rear.

It is attached to the vehicle by a simple bracket. Lift it off, and you have a first-class hand lantern.

Rayo lanterns are made in numerous styles, sizes and finishes. They are the strongest and most reliable you can find, and **will not blow or jar out.**



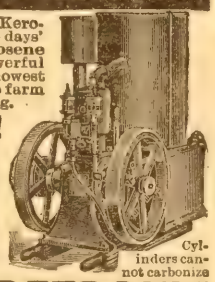
All Rayo lanterns are equipped with selected Rayo globes, clear, red or green, as desired. Wicks inserted in burners, ready to light.

Dealers everywhere; or write for descriptive circular direct to any agency of the

Standard Oil Company
(Incorporated)

Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing.



Cylinders cannot carbonize

Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil.

Amazing "DETROIT"

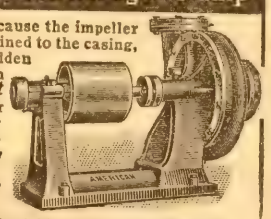
The "DETROIT" is the only engine that handles coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h.p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. **Prices (stripped), $29.50 up.**

Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you Special Extra-Low Introductory price. Write!

Detroit Engine Works, 396 **Bellevue Ave., Detroit, Mich.**

1/3 More Water raised and delivered by the "American" Centrifugal Pump

than by others because the impeller is accurately machined to the casing, preventing any sudden change in direction of the water. *Not an ounce* of power is wasted. Every "American" Centrifugal absolutely *guaranteed.*



Write for new *catalog.*

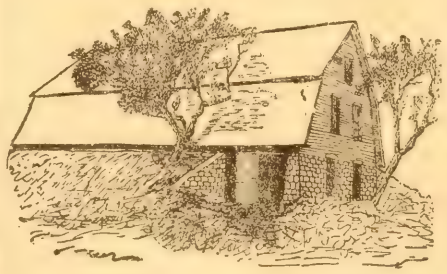
THE AMERICAN WELL WORKS
Office and Works, Aurora, Ill.
First National Bank Building, CHICAGO

My New Census Business Guide
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PROF. NICHOLS, Dept. U, NAPERVILLE, ILL.

When writing to advertisers don't fail to mention Up-to-Date Farming.

Storing Potatoes

THE 1911 potato crop is about 60,000,000 bushels less than the 1910 crop was. The 1910 crop sold at very low prices until spring, when the price for what was left sored to high altitudes, even over $1.00 a bushel for a while. Such fact proved beyond a shadow of a doubt that notwithstanding the crop was next to the largest crop the country ever raised, there was not a bushel to spare—all were needed. Also it proves that if the growers would have controlled their marketing better, instead of dumping them to overwhelm the demand for most of the season, every bushel would have sold at a good, profitable price.



But the present crop is about 60,000,000 shorter than last year's, or about one-fifth less. We may as well assume that the demand will be great as it was last year, therefore we can conclude that there is a heavy shortage of potatoes this year, and, under ordinary marketing conditions some very high prices will be seen before the next crop comes.

Another fact that enters largely into the matter of potato prices, is the fact that even with a short crop in prospect, the receipts at markets are much more than last year. This is because the prices have been high compared with last year. Much of the receipts now is being stored for the winter and next spring demand. The point is, that any advance that must inevitably come, will be to the advantage and profit of the middlemen and not the producers.

Our recommendation is to not sell potatoes below the minimum price of 85 cents, basis of Chicago market. They are selling in Chicago at the time we write this, around 55 to 60 cents, 25c to 30c under the minimum. Any grower who has safe storage should fill it. If he has no storage he should provide it, or resort to pits. One of the disadvantages of pit storage is that the potatoes can not be taken out in the winter when the market may be right for marketing.

A good storehouse for potatoes, or other roots and apples is shown in the accompanying illustration. This house is usually built on the side of a hill for protection, also the potatoes can then be unloaded down through the roof and removed at the door on the lower level. The walls are concrete or stone work, about eight or nine feet deep, with a low roof. The space above the storage cellar may be utilized for storing tools, barrels, etc.

Keep the minimum price—85 cents—in mind, watch our market reports; control your marketing and you will get a good price for your potatoes this year.

A SMALL OR A LARGE FARM

HAPPINESS in life does not depend on owning all one can see. We admire the ambition to be successful, and in this age of farming in this country acres are a good thing to measure success by. But farms are bound to grow smaller. The number of farm homes must necessarily increase, and that increase can be brought about only by a redivision and subdivision of the land.

After all, there are many advantages in the smaller farm. An easy plenty and happiness now are worth more than greater accumulations after awhile. The small farmer may have plenty, may be prosperous, much easier than the owner of a large farm. He can utilize all his acres and make them better servants than if he had more acres than he could cover. He can give more attention to the garden and the lands surrounding the home. He can have a more beautiful home, and bring up his children in the midst of more idea' surroundings.

We have seen the time when we coveted acres, but we do not now. We now want happiness as the supreme attainment, happiness in the home and with the family. We want to be in easy circumstances, to have plenty, to be rich, if you please, but the big farm is not essential to these attainments.

"A little farm well tilled, a little barn well filled," with a beautiful home in an ideal corner, and everything convenient and up-to-date—could the ambitious farmer ask for more? And could the family be more happily situated? Be content with the small farm and then make everything count.

TAKE CARE OF THE TOOLS

THIS is the time of the year when valuable tools and implements may too often be found scattered over the farm where last used, or elsewhere out of shelter. These tools are valuable, and will be needed in a few weeks or months as badly as they were needed at the beginning of the passing season. No farmer, whether prosperous or otherwise can afford to allow these tools to be damaged for lack of a little care. Tools and implements should be sheltered. If thoroughly repaired before being housed, the steel parts oiled and the woodwork painted, the work will pay for itself in durability and everything will be ready when needed next spring. This is a part of progressive farming, and the progressive farmer is the winner.

IMPORTANCE OF THE PINE TREE

THE Department of Agriculture has issued a bulletin (Forest Service Bulletin 99) that contains much information concerning the growth of pine in this country. Nearly half, 48 per cent. of the total lumber output of the United States is, or recently was, pine, of which thirty-seven species are known to exist here. No one species grows in all the states, but scarcely a state is entirely without pine. In some of the states pine grows in great abundance, while in others it is so scarce as to be seldom seen and is scarcely known by the people.

Four important timber trees of the southeastern United States are usually grouped as one in the lumber markets, and are sold under the common name of yellow pine. They are the long lear pine, short leaf pine, loblolly pine, and uban pine. In appearance the woods of these four trees are so nearly alike that it is sometimes difficult to distinguish one from the other, still in some particulars there is some difference.

The long leaf pine, the white pine, the western yellow pine, the western white pine and the loblolly pine, produce most of the pine lumber made in the United States, and the bulletin referred to considers each species separately, giving in detail physical properties, the supply, its early uses, manufacture and products, and the more important uses to which it is put.

When you buy Christmas cards, books and novelties or calendars for 1912 look for the name of Raphael Tuck and Sons Co., as makers. The finest art printing is done by this firm. Offices and plants in New York, London, Paris and Berlin.

Rubber roofing is easily laid. Warranted for twenty-five years by the Century Mfg. Co., Dept. 630 E., St. Louis, Ill. Price will surprise you. Fix that roof before it is too late. Save the contents—write for catalog.

Don't let your horse stay blind. All eye troubles, whether old or new, are cured by "Visio," or money refunded. Write Visio Remedy Assn, 2488 Calumet Ave., Chicago.



Rubber Roofing

Warranted For Twenty-Five Years.
FREIGHT PAID To Any Station East of Rocky Mountains, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

ONE-PLY .... Weighs 35 lbs., 108 Square Feet, $1.10 per roll.
TWO-PLY ... Weighs 45 lbs., 108 Square Feet, $1.30 per roll.
THREE-PLY . Weighs 55 lbs., 108 Square Feet, $1.50 per roll.

TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

Indestructible by Heat, Cold, Sun or Rain.

Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.
CENTURY MANUFACTURING COMPANY, Dept. 805, East St. Louis, Ills.

I Want Your Boy



and girl to write to me at once. In my fight against that trust which makes your implement dealer black-list me because I sell my U. S. Standard Scales to you at dealers' prices, I want the name of every honest farmer who believes in Fair Play and who is willing to help me fight to prove to Mr. Dealer that the farmer's credit and his dollar is the equal of any man's.

Your boy can help. Write me for particulars.

"JONES, he pays the freight,"
23 Kid St., Binghamton, N. Y.

95 cents



Post Paid

Guaranteed 5 Years

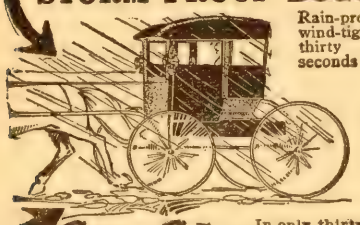
To advertise our business, make new friends and introduce our great catalogue of Elgin Watches we will send this elegant watch to any address by mail post paid for ONLY 95 CENTS. Regular gentleman's size, open face, full nickel silver plated plain polished case, Arabic dial, lever escapement, stem wind and stem set, a perfect timekeeper and fully guaranteed for 5 years. In addition to the watch, and without any extra charge whatever we send five Mdse. Certificates worth one dollar each when used as part payment on purchases from our catalogue. Send this advertisement to us with your name & address and 95c, and watch & certificates will be sent by return mail postpaid. Satisfaction guaranteed or money refunded. Send 95c today as this advertisement may not appear again. R. E. CHALMERS & CO., 356 Dearborn St., CHICAGO

AUTOMOBILE BARGAIN

I have a White Steam automobile in perfect condition I will make a special price on. It is an ideal farmer's car. Will go anywhere and back. More reliable than gasoline. Simple to operate. I will be pleased to send particulars or show the car to interested persons. This is a bargain. Address Box E, care UP-TO-DATE FARMING, Indianapolis, Ind.

Write for our Big Catalog Giving Factory-to-Buyer Prices on this

STORM PROOF BUGGY



Rain-proof, wind-tight in thirty seconds

Cozy Cabs In only thirty seconds, with three simple one-hand movements, this light, easy running buggy can be made rain-proof and wind-tight as shown.

There is plenty of room inside, with a system of ventilation providing fresh air without draft, plenty of light and a good view of the road on all sides. The Cozy Cab is a complete buggy, not an attachment. Send for free catalogue, giving factory-to-buyer prices—16 different models—$67.50 up—25 per cent less than dealer's prices. Pick out the Cozy Cab you like best and we will ship it to you for a thirty days' free trial. Write today for our complete catalogue. Dept. D 87

Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.

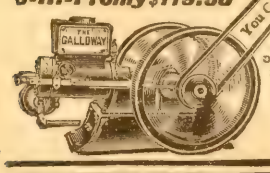
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We are manufacturers, not merchants. Save dealers, jobbers and catalog house profit. I'll save you from $50 to $300 on my High Grade Standard Gasoline Engines from 1¾ to 28 H.-P. price direct to you lower than dealers or jobbers have to pay for similar engines in carload lots for spot cash.

GALLOWAY

Price and quality speak for themselves and you are to be the sole judge. Sell your poorest horse and buy a

5-H.-P. only $119.50



You Can Make From $5 to $10 a Day

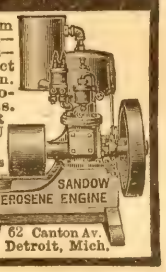
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Wm. Galloway, Pres.
Wm. Galloway Co.
505 Galloway Station
Waterloo, Iowa

Sandow $37.50

2½ H.P. Stationary Engine—Complete

Gives ample power for all farm uses. Only three moving parts—no cams, no gears, no valves—can't get out of order. Perfect governor—ideal cooling system. Uses kerosene (coal oil), gasoline, alcohol, distillate or gas. Sold on 15 days' trial. YOUR MONEY BACK IF YOU ARE NOT SATISFIED.

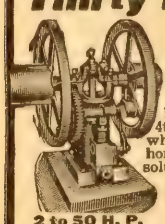


5-year ironclad guarantee. Sizes 2½ to 20 H. P., at proportionate prices, in stock, ready to ship. Postal brings full particulars free. Write for proposition on first engine in your locality. (116)

Detroit Motor Car Supply Co., 62 Canton Av. Detroit, Mich.

STOP! STOP! STOP!

Thirty Days Trial of



United States Bonded Engine. Burns gas, gasoline, kerosene, distillate. Consider these

12--Advantages--12

1st, Pays for itself in fuel saving in short time. 2nd, No violent vibration. 3rd, Greatly reduced bulk. 4th, Easily portable; mounted anywhere. 5th, Every engine part and horse power guaranteed. 6th, Absolutely frost proof. 7th, Positively most economical running engine made. 8th, Only engine with pulley on both sides. 9th, Small pulley on cam shaft, for very slow machines. 10th, Perfect Lubrication, cooling & ignition. 11th, Lowest cost engine in the world. 12th, Made by reputable firm, 60 years in business.

2 to 50 H. P. Wonderful New Pumping Engine Send postal today for Illustrated Catalog.

United States Engine Works
1521 Canal St., Chicago, Ill.

When writing to advertisers don't fail to mention Up-to-Date Farming.

For Father, Son, Brother, Uncle, Nephew or Grandpa

$5.00 Safety Razor for Only 97c



Beautifully silver plated with stropper, handle and holder, a full set of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade $5.00 outfits sold in stores. Remember this Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States.

All you need to do is to refer to this ad. enclosing ninty seven cents, with your name and full address and the complete Grains Safety Outfit exactly as described will be sent at once fully prepaid.

L. C. GRAINS COMPANY
23 Pulsifer Bldg. Chicago, Ill

FARMER TAX DODGERS

SOME of the farmers and stockmen of Ohio have been accused of dodging their stock valuations by selling their stock just before assessment date and reporting the money received for them as having been used in the payment of debts. The authorities of the state have therefore decided that for purposes of taxation the values of the stock owned at the close of each month must be given and the assessment value must be the average of these values.

Now get after the commercial and market and stockgambling dodgers, and there may be seen a marked difference in the taxes collected in Ohio —and elsewhere.

THINGS TO THINK ABOUT

A ST. LOUIS paper reports the case of a farmer who shipped a carload of turnips to a large Ohio city, and received returns from the commission men that they could not sell the turnips for enough to pay the freight on them. With a combined feeling of vexation and benevolence, the farmer paid the freight on the car and ordered the turnips distributed free to the working people of the city. He received several letters of thanks, all of which reported that not a turnip could be bought at the retail stores for less than fifteen cents a peck; sixty cents a bushel. Let's have some more talk now about the big prices paid farmers. Not so very long ago several carloads of bananas were shipped out of St. Louis and dumped into the Kaw river, not by the growers, but by the dealers to keep the supply short and the prices high. Think about a different marketing system.

Great Britain keeps 27,119,000 sheep on 88,000 square miles of territory. New York keeps 1,131,000 sheep on 49,000 square miles of territory. Great Britain has more than 300 sheep to the square mile; New York has less than 25. America hasn't got sheep enough.

Wheat, barley and oats were introduced into America in 1607, a little more than 300 years ago. Our best acreage now grows these crops, but not enough to satisfy our law makers, who propose by law to make farmers accept lower prices for them. Who chooses the lawmakers in the United States?

Sheep are often troubled with stomach worms, particularly lambs during the latter part of their first summer. Dr. Thompson says the following fed twice a year in the proportion of the quantity mentioned to thirty sheep, will prevent stomach worms: Arsenious acid, 1 dr.; sulphate of iron, 5 drs.; powdered areca, 2 ounces; common salt, 4 ounces.

The Department of Agriculture thinks that the head of the horse affords a practical illustration of character breediness, and stamina. A large, ungainly head tells its story of under breeding or cross breeding.

A small head, if not in proportion, is an indication of lack of vigor. A large head is better than an unduly small one. In draft horses large heads in proportion to scale, with broad and prominent foreheads, clear, fearless eyes wide apart, are desirable. The Roman nose, common among Clydesdales, is not liked among the light breeds, while among the former it is taken to denote a wilful disposition. It is regarded as a sign of lack of breeding. Courage and intelligence are denoted by the clean, fearless eye, but the small, sunken optic is invariably the accompaniment of a vicious, unreliable disposition. In conformation the lips should be strong and lightly carried, the nostrils large, dilating and fine, and the ears nicely erect, but if anything slightly carried forward. Undue thickness of the head to the neck is a blemish as a coarse setting results in an awkward carriage.

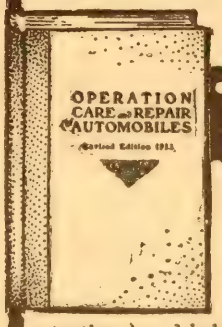
Bad habits in horses, as well as in children, are taught them. A neighbor had an excellent colt, as meek and gentle as a lamb, and that had no bad habits. It would stay all day in any enclosure without a thought of getting over or through any sort of fence. During a portion of a summer it was permitted to run in pasture with an old mare, a fence breaker, that would not stay anywhere. No sort of fence will restrain that colt now. It was also fed and cared for by a boy who never fastened doors. The colt will now open or break down any door or gate.

Clean seed has a great effect on the crop. A new system of big crop growing has been evolved by Mr. Manson Campbell. A valuable, interesting book will be sent to any reader of Up-to-Date Farming who will write for it. It teaches how to grow larger crops. Write to Manson Manson Campbell Co., Dept. P., Detroit, Mich.

Ladies, if you want to earn valuable premiums that are the finest of their kind write to the Pure Food Co., 672 Pearl St., Cincinnati, O. Dishes, glassware and many beautiful prizes are given. Write this reliable company today—send a postal card.

IF YOU OWN AN AUTOMOBILE

Subscribe for THE HORSELESS AGE (weekly), the leading automobile magazine. Every issue is brim full of valuable and instructive information that will save you much time, trouble and money. New models of cars and accessories fully described and illustrated. Sample copy on request.



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SPECIAL OFFER: If you subscribe NOW, we will mail you THE HORSELESS AGE every week until Jan. 1st, 1913. In addition WE WILL SEND YOU AT ONCE, absolutely free and prepaid, a copy of OPERATION, CARE AND REPAIR OF AUTOMOBILES (regular price $1.00). This book contains over 300 pages (200 illustrations) and is handsomely bound.

Explains all about cars and how to repair them. Such articles as Carbureter Troubles and Remedies, Hints on Lubrication, Prevention of Carbon Deposits, Overhauling Motor, Straightening Axles, Ignition, and much other necessary information. We will send you THE HORSELESS AGE and this book for $2.00—your money back if not satisfied. Write us today.

Room 37 Motor Hall THE HORSELESS AGE New York City

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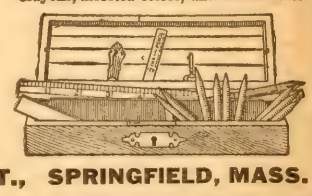
Every Boy and Girl should earn one of my fine Complete "Storm King" School Outfits in just a few moments of spare time. Contains all articles shown in these illustrations, and does not cost you a cent. You'll need this strong waterproof Storm Bag to carry your books and lunch in (no danger losing them on the road) and every one of the supplies in the neat and useful box.

The Bag is strong and tough, made of waterproof black oil-cloth with all edges neatly bound and sewed, has a generous sized round cornered flap. Wraps into small roll when empty and extends 2 inches all around to receive books, etc. Size 14x10 inches when flat. Large enough for your books and lunch. Extension shoulder strap with buckle is riveted to back of Bag and passes through rings at end of front straps, automatically closing Bag so books cannot get out.

JUST SEND YOUR NAME

I give you this Complete School Outfit for just a few moments of your spare time. Many boys and girls have earned it in half an hour or less and you can, too. I will give it all to you for selling only three packages of my fine Xmas and New Year post cards, which your friends will be glad to secure on our liberal terms. Just send me your name and address and 4c postage and say you want to earn the School Outfit, and I will send you for yourself a sample package of cards to show and take orders with. When you send me three orders I mail cards to your customers and send you this Complete School Outfit, postpaid. It does not cost you a cent. Send your name and address today to

The Box is well made, nicely finished and varnished, with hinged cover and lock. The interior is conveniently partitioned to keep contents separate. Box contains pen holder, and pen, pencil, pencil sharpener, eraser, chalk, package of 9 crayons, assorted colors, and 6-inch ruler.



F. H. PHELPS, Manager, 13 C WATER ST., SPRINGFIELD, MASS.

GALVANIZED WIRE

100 Lbs. $1.35

For Fencing, Stays, Grape Vines, or Any Purpose Where Ordinary Wire Is Used

The galvanized wire which we offer at this great Bargain Wrecking Price is brand new, smooth stock. In manufacturing, wire mills accumulate mill ends—irregular lengths ranging from 50 to 250 feet which are bundled together in coils of 100 lbs. The wire itself is exactly the same as that which is wound on spools, the only difference being that the lengths are not continuous. Such wire is known as

Galvanized Wire Shorts

Handy to have about the farm for many purposes. Extensively used by fruit growers, fence builders, for all kinds of repairs, etc. Absolutely new, smooth, clean wire. You save big money in buying your wire in this way.

For the next 30 days, with every wire order **Free** enough wire staples to put it on with.

GAUGE NO.	APPROXIMATE NO. FT. TO 100 LBS.	PRICE PER 100 LBS.
6	1023	$1.35
8	1436	1.40
9	1724	1.50
11	2617	1.60
12	3424	1.65
14	5917	1.75

Above prices are based on orders for at least 100 lbs. Place your orders promptly as these wrecking prices will soon exhaust our stock.

Samson Fencing

Built so it will not stretch narrow between posts. Wire is hard and springy. 20 inch Samson Hog Fence, per rod, 15c; 26 inch, 20c. Your perfect satisfaction guaranteed. Write for Catalog showing price wrecking bargains on hog, cattle, poultry, field and lawn fencing, lawn gates, poultry netting, etc.

Barbed Wire 100 pounds..... $1.85

Four point, galvanized new wire slightly shop worn, but in good condition; put up in catch weight coils, wrecking price, 100 pounds, $1.85. Regular brand new, first class barbed wire, 80 rods to spool, painted, $1.40; galvanized, $1.60.

Cement Coated Wire Nails, Per Keg $1.92

A patent process coats these nails with a cement preparation that lasts forever. Do not rust, drive easily, hold tight. Superior to common kind for every purpose. Sold in full kegs only—not by pound weight. Size 60d to 20d ranging from 1100 to 3100 nails to keg, $1.92 —other sizes equally as cheap.

Write for Wire Catalog No. P.G. 204

Chicago House Wrecking Co., 35th and Iron Sts., Chicago

Cholera Hogs Saved

The Dr. J. H. Snoddy Remedy Co.,
Alton, Ill.

Gentlemen: I am glad to report to you the success that my brother and I have had in the use of your remedy, for the past ten years. We had a large lot of shoats that took cholera and as we had heard of your remedy we ordered a case at once, and our shoats was good and sick by the time we received the remedy.

We read the directions in the little book, and went to work according to directions and saved 90 per cent. of them, since then we have had no cholera, but have kept your remedy constantly on hand, and fed our hogs a little of the remedy every few weeks, which has kept them clear of worms and thrifty. We do not fear hog cholera when we have the Snoddy Remedy at hand; it has carried us clear of cholera for the past ten years. Respectfully yours, J. R. Busenbark, Crawfordsville, Ind.

The above letter states plainly what the Snoddy Remedy will do when properly used. When hog cholera and swine plague come together without any complications, it is no trouble to save the sick hogs and stop the disease on the well ones with this remedy. Mr. Busenbark states this in his letter above.

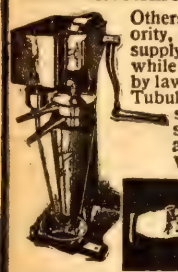
Snoddy's little booklet on hog cholera fully explains how to treat hog cholera successfully, and even save the sick hogs that are able to take the remedy. Write for their little book, it will give you very valuable information in regard to the care of hogs to keep them healthy and thrifty. Address,

The DR. J. H. SNODDY REMEDY CO.
Dept. 24, Alton, Ill.

"PURE BRED"
SHARPLES
Tubular Cream Separators

Tubulars are "pure bred" because logically built on a principle absolutely different from all others.

No disks. Double skimming force. Wear a lifetime. Guaranteed forever.



Others, driven by Tubular superiority, attempt to imitate our low supply can or self oiling system, while being absolutely prevented by law from imitating the modern Tubular principle. "Cross bred" separators—nine parts old style and one part imitation—are being discarded.
Write for catalogue 136.

Sharples 30 Yrs

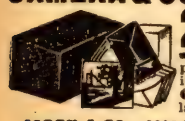
THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore. Toronto, Can., Winnipeg, Can.

Don't Cut Out A SHOE BOIL, CAPPED HOCK or BURSITIS FOR
ABSORBINE



will remove them and leave no blemishes. Cures any puff or swelling. **Does not blister** or remove the hair. Horse can be worked. $2.00 per bottle delivered. **Book 6 E free.**
ABSORBINE, JR., liniment for mankind. For Boils, Bruises, Old Sores, Swellings, Goitre, Varicose Veins, Varicosities. Allays Pain. Price $1 and $2 a bottle at druggists or delivered. Will tell more if you write. Manufactured only by
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25c Takes pictures 1½x1½. Our "Little Beauty." Leatherette covered Camera and Complete Outfit of plates, paper, chemicals, &c., with complete instructions so that even a **Boy or Girl can take Good Pictures** of landscapes, buildings, friends, &c.
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$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. **Ontario Veterinary Correspondence School, London, Can.**

CALVES. Raise Them Without Milk
Booklet Free.
J. W. BARWELL, Waukegan, Ill.



COUNTRY SMOKED MEAT

WEAT is the problem of living now, and it is the item of cost in the country as well as in the town and city. Before the reign of the packing house, farmers smoked their own meat, usually providing a surplus to sell during the summer to the merchants with whom they traded, or to their less fortunate or less thrifty neighbors.

Since concentration and consolidation has become the rule farmers do not put up so much meat as they did before. In fact, they have been driven out of the business. Whenever the packing house trust was being supplied by the surrounding farmers, the trust sought out the dealers and made them prices lower than the farmers could accept, and thus compelled the farmers to abandon that trade. After the farmers had quit, however, hogs and cattle were reported "awful scarce," and meat prices went skyward.

We advise farmers to return to their own meat packing. They need not go back to the old, slow, smokehouse in which smoke was kept under the meat almost a third of the season. The meat may be smoked much more quickly and just as perfectly by provisions for retaining the smoke and keeping it at work. A writer in another publication illustrates the principle by suggesting the use of a barrel. Bore an inch hole in the bottom of a barrel; invert the barrel and suspend the piece of meat to be smoked in it by a looped wire which is to be brought through the hole in the head of the barrel, and held in place by passing a convenient stick through the loop. Scoop out a shallow basin in the ground not too large for the barrel to cover with room to sit firmly on the surface of the ground. Before placing the barrel over the basin build in it a smouldering fire of chips, cobs or rotten wood—any material that will make a strong and constant smoke, but without odor other than that of burning wood. Place the barrel with the meat thus suspended in the top of it, over the fire, leaving only a small opening beneath for a draft, the hole in the barrel head being sufficient to make the draft, and the only place for the smoke to escape. This will smoke the meat perfectly in a very short time, but it must be carefully watched to keep the fire from burning too strong; otherwise the meat might be overheated or even the whole thing burned up.

But the barrel business is too small a proposition. The same principle may be applied on a larger scale—a large box or even a small house, entirely tight so as to hold the smoke except for a small escape at the top to give a bit of circulation. The fire may be built within the enclosure, or it may be built in a stove outside, the smoke to be carried through a pipe entering near the bottom. A better arrangement still is to have the fire in an excavation covered with plate iron or brick, a cheap furnace, the mouth being outside the enclosure, but the smoke opening being near the center inside. These plans are mere suggestions, and may be varied to suit the operator's convenience. The point is to have room for all the meat at the same time, and means for conveying within a dense volume of strong smoke and holding it there with only a sufficient escape at the top barely to create draft enough to make it effective. With such an arrangement smoking and curing meat loses all its tediousness and uncertainty.

AUTHENTICATED TEST WORK AT MERIDALE FARMS

Ayer and McKinney, proprietors of Meridale Farms, located in Delaware County, New York (the banner butter county of the Empire state), have just issued a leaflet telling some of the results of their efforts to make every Meridale Jersey return a profit at the pail and churn.

There are now in this herd 97 cows. These average for the year, 7,596 pounds milk, with an average of 5.306 per cent. butter fat, and 462.33 pounds butter per cow.

In these 97 are included 44 which are less than four years old, 42 between the ages of four and ten years, and eleven animals ranging in age from ten to eighteen years. The 42 cows in their prime averaged 8,497 pounds of milk and 510.7 pounds butter per cow. The 11 cows over ten years of age, at the beginning of the test, averaged 7,979 pounds milk and 491 pounds butter. The youngsters averaged 6,640 pounds milk, 409 pounds butter. Of these 44, 17 were heifers with first calf, and these produced 104,586 pounds milk, 6,352 pounds butter, an average of 6,152 pounds milk and 373 pounds butter each. Two of these were but two years old at the beginning of the test, and these produced 14,192 pounds milk, 780 pounds butter, an average of 7,096 pounds milk and 390 pounds butter. One of these was the first daughter of the Imported Jap to complete a yearly authenticated test. Of the animals under four years of age, 18 exceeded by 62 pounds per cow, the highest Register of Merit butter fat requirement for any age.

The foregoing information is taken from a leaflet published by Messrs. Ayer & McKinney, 300 Chestnut street, Philadelphia, Pa., who will gladly send a copy to interested readers if you mention Up-to-Date Farming.

GOOD MILKERS ARE NEEDED

THERE is not so much fluctuation in the price of dairy stock as there is in that of beef cattle. We cannot say that the demand is any steadier, but the price is not so much subject to manipulation. However this is, there is always a ready demand for good dairy cows at remunerative prices. This brings strongly before farmers the importance of good breeding for this purpose. The heifer calf from a good dairy cow, a good milker, should not be sacrificed on any account. On the contrary, it should have the very best of care, and all with an eye to the milking quality.

Good breeding is not always a guarantee of good milk stock; hence, one does not know what the heifer is to be until she is tested. For that reason we urge the testing of cows, and the disposal of those that do not prove themselves worth to remain in the herd. Thus may the quality be built up. The inferior stock may go to reduce the deficiency in the beef supply and the milking standard may be maintained as well as the steady and remunerative price.

DEPRESSED SHEEP MARKET

IT IS a little hard to account for the depression in the sheep market, but it is a fact that prices are not so remunerative as they were a few years ago. In fact they have not held their own with cattle prices.

Why we can not tell. There is not an excessive number of sheep in the country, and we have no evidence of a falling off in the demand for mutton. Maybe the packers could give us some pointers, but they have not done so.

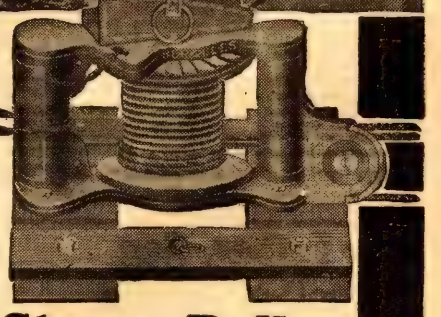
The agitation of the wool tariff may have something to do with it, but we can scarcely see that it could affect it much. Wool prices have been low, it is true, as also has mutton, and these have all combined, no doubt, to depress the sheep market.

Still we would urge farmers to raise sheep. They are a profitable animal on the farm. Their cost is below that of most other farm animals, and they have two almost certain profits if well managed—lambs and wool. Besides they are excellent farm scavengers so far as the bad weeds are concerned, and they are great builders up of worn out fields used for pasture.

The farmer who does not have a manure spreader is paying for one and he never has it. A spreader saves in expense, time, etc. It increases crops by more even and reliable distribution. The man with a spreader saves this and thereby soon pays for the machine. The man without a spreader pays for it in waste that a spreader would save him. Buy a spreader. Write to Wm. Galloway Co., 509 Galloway Sta., Waterloo, Iowa, for their special proposition.



Pulls Biggest Stumps In Five Minutes



Pulls an acre a day. Doubles land value. Enables you to grow money-making crops instead of paying taxes on land that yields nothing. Get the

Hercules All Steel Triple Power Stump Puller

Farm all your land. Let us mail you free book showing photos and letters from owners. See how hundreds are making $100 for every $1 invested. Hercules Triple Power equals locomotive. All Steel means 60% lighter and 400% stronger than cast iron or "semi-steel."

30 DAYS' FREE TRIAL—3 YEAR GUARANTEE—SPECIAL PRICE OFFER

Try a Hercules at our risk of it pleasing you. Hitch to any stump, green tree or bunch of hedge and watch it work. Use it 30 days on hardest jobs. Money right back if you want it. 3 Year Guarantee means free replacement of all castings that break, whether your fault or fault of machine. Double Ratchets insure safety. Special introductory price offer to first 5,000 buyers. Saves you big money on cost. Mail postal now for all facts, book, figures and price to you. Address

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Its Great Advantages are: 1st—Lowest Fuel Cost; pays for itself in Fuel Saving. 2nd—Delivers Steadiest Power Stream, adapting it especially for operating farm machinery. 3rd—Easy on the machine it operates. 4th—Uses Gasoline, Kerosene or Gas. 5th—Perfect Lubrication. 6th—Starts Easily and Quickly, occupying minimum space. 7th—It is the King of Portable Engines. No engine has so wide a range of use. **YOU WILL MAKE A MISTAKE IF YOU DO NOT WRITE FOR INFORMATION.** We make 1½ to 5½ H. P. single cylinder engines; 6 to 20 H. P. two cylinder engines; 30 to 50 H. P. four cylinder engines. All Heavy duty, slow speed engines. For surety of operation and low fuel cost our engines lead.

TEMPLE PUMP COMPANY, Manufacturers. 414 West 15th St., Chicago, U. S. A. This is our 59th year

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$20.45 AND UP.

SEND NO MONEY

30 Days Trial

You waste money if you pay a cent more than our price for a Cream Separator. You can't afford to buy from **anyone at any price** until you have sent a postal card or a letter asking us for our special Cream Separator offer. We save you half of agents' prices—we allow you 30 days trial on your own farm—you needn't send us a cent in advance, if you prefer not to.

THE MACY IS THE BEST AND YOU CAN PROVE IT

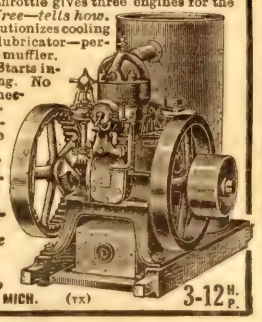
We will send you a machine on trial so you can find out how good it is. No Separator costs more to manufacture than the Macy, yet our price is half the price asked by Agents. Easiest cleaned machine because its skimming device is aluminum. Frictionless pivot ball bearings make it easiest running. Guaranteed forever. Five sizes; five popular factory-to-farm prices. **Cut out the middleman's profit**---keep this money in your own pocket. Write to-day for our special introductory offer.

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702 Macy Building, • New York

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KEROSENE

gasoline, distillate, any fuel oil, perfectly—without change.
Cheapest, Safest, Simplest
POWER
for barn work, house work, mill work, dairy work, well work, spraying, sawing, irrigation, electric lights, pumping.
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Shying horses all suffer from diseased eyes.
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$2.00 per bottle, postpaid on receipt of price.
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NOT A PENNY DOWN 6 MONTHS TO PAY



There are no strings to this offer. If you keep cows you can have a
NEW BUTTERFLY SEPARATOR
placed on your farm to try *free* 30 days. *Pay no money down.* If pleased, keep it. Let the extra cream it saves you in 6 months meet the easy payments—earning its own cost and *even more* than our low factory-to-farm price.
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No interest on payments
Life time Guarantee
Send for catalogue
(2)

TOBACCO HABIT You can conquer it easily in 8 days, improve your health, prolong your life. No more stomach trouble, no foul breath, no heart weakness. Regain manly vigor, calm nerves, clear eyes and superior mental strength. Whether you chew; or smoke pipe, cigarettes, cigars, get my interesting Tobacco Book. Worth its weight in gold. Mailed free.
E. J. WOODS, 534 Sixth Ave. 267 A, New York, N. Y.

When writing to Advertisers don't fail to Mention Up-to-Date Farming

THE CROP SELLER AND STOCK RAISER

A NEIGHBOR of ours who had been quite an extensive stock raiser, concluded, as the price of grain and feed went high, he would sell off his stock, convert his pastures into cultivated lands and meadows, and sell his crops directly from the fields instead of feeding to stock.

He made a mistake, and it took but a few years to prove it. He had less work and worry, perhaps, but his stock grew all the time, kept adding to their value winter and summer. During summer they not only lived and grew and gained in value from eating the grasses of the pastures that had cost him nothing more than the rent of the land, but they kept down most of the bad weeds, getting more or less benefit from them, but they also utilized the fence rows and other points that were inaccessible to cultivation. And they were making the land richer all the time. Any pasture field that is not allowed to wash into ditches is renewing itself all the time that stock is allowed to roam it. This is a gain none but the stock raiser can make.

During fall and winter and early spring most of the crops are fed to the stock, which are busy night and day making gains to pay for their feed; and they are also piling up a valuable commodity, if rightly used, to make the lands more productive, and that is to say more valuable.

Our friend soon learned that when the money he received for his crops was placed beside what in other years he had received for his stock, both the pile and his profits were smaller, and he returned to stock farming.

The farmer that raises stock is the one that is on the surest road to success. True, he gets for his product but a small per cent of what the eater pays for the meat, so completely monopolized is the stock market, but there is a scarcity of almost all kinds of stock, and even the packers must pay fairly remunerative prices for some time to come.

LOSS FROM FIRES

MILLIONS of dollars and thousands of human lives are lost every year in fires, and the principal source of accidental fires may be given as fol lows:

Carelessness in the use of matches. A match is lighted to light a cigar or to give a momentary light. When it has served its purpose it is tossed away without a thought as to where it may fall or as to whether it was extinguished. This is particularly dangerous about barns or feed stalls, and in rooms that are entered after night where only the light of a match is required. Acquire the habit of never dropping a lighted match until you know it is extinguished.

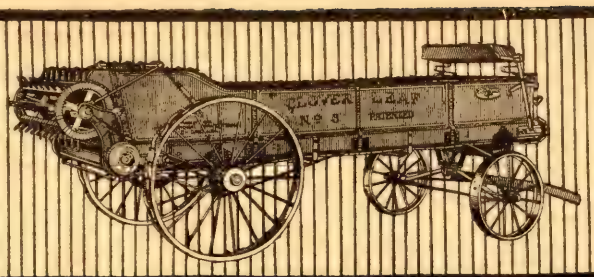
Keeping matches in unsafe places is a frequent source of fires. Permitted to lie loose on shelves or in drawers is an invitation to fires. Mice may ignite them, and there are various ways in which they may be set on fire. Carrying matches loose in a pocket is not safe, particularly in clothes that are folded away or hung in a dresser.

Dark hallways and cellars are bad. Matches are often lighted therein even in the day time, and then carelessly thrown away to get in their work. A startling number of bad fires are traceable to that source.

Oil and gasoline stoves are firebreeders, and care in their management should never be relaxed. Kindling fires with coal oil is a dangerous practice and should never be indulged no matter what the temptation, or how safe habit may make one feel. When the accident comes, as all must admit it may, it is too disastrous to contemplate.

Carelessness in factories is a source of bad fires. There are often left piles of inflammable dirt and rubbish and oily waste that may be the ready means of starting a fire.

Unsafe flues and flue connections



Don't Let The Soil Starve

YEAR after year, your crops take nitrogen, phosphoric acid, and potash out of the soil. These elements are absolutely necessary to the growth of plant life. What are you doing to replace them?
You can keep your soil from starving by spreading fresh manure, evenly, in proper quantities. Manure, spread in this way, puts back into the soil the very elements the crops have taken out. To spread manure evenly, you must use a manure spreader. When buying a spreader get a good one.

IHC Manure Spreaders

have proved their quality. Owners like I H C Spreaders because of their simplicity, strength, durability, and light draft. The superiority of these machines is due to the following constructive features:
The method of transmitting power from the wheels to the beater is simple and direct. There are no unnecessary parts to wear. The beater is larger in diameter and the teeth are long, square, and chisel-pointed. By using this style of tooth, the manure is thoroughly pulverized and is thrown out before it wedges against the bars. This reduces the draft.
The apron is supported by steel rollers and the slats are placed close together, so that manure does not sift between. The steel wheels have ample strength to carry many times the weight they will ever be called upon to bear. The rims are flanged inwardly to prevent cutting and rutting of meadows and accumulation of trash.



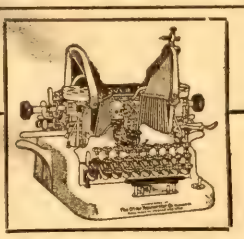
Corn King Cloverleaf Kemp 20th Century
are machines that will merit your heartiest approval. I H C manure spreaders are made in three styles and many sizes, for field, orchard, and vineyard.
Get complete catalogues and all information from the I H C local dealer, or, if you prefer, write direct.

International Harvester Company of America
Chicago (Incorporated) USA

I H C Service Bureau
The Bureau is a center where the best ways of doing things on the farm, and data relating to its development are collected and distributed free to every one interested in agriculture. Every available source of information will be used in answering questions on all farm subjects. If the questions are sent to the I H C Service Bureau, Chicago, they will receive prompt attention.

WHAT farmer will refuse to pay $1.00 for a membership "at large," or $2.00 in a local union of the Farmers Society of Equity, to build a marketing machine for profitable prices when he knows he has been paying 25 to 50 per cent of his earnings to the exploiters of farm crops in the past?

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The Oliver Typewriter

The Standard Visible Writer

Can you spend 17 cents a day to better advantage than in the purchase of this wonderful machine?

OLIVER TYPEWRITER AGENCY COMPANY
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THE IDEAL HOME COUNTRY

lies in the wide territory traversed by the Southern Ry. System. From the high lands of the Appalachians, with their *dry, healthy climate*, to the Piedmont section, with its *heavy yielding lands*, on to the Atlantic and Gulf coasts, where *every crop thrives*—somewhere in this broad territory *you can find a place just suited to your needs and means.*

Land prices range from $15 to $50 per acre. The first year's crop often more than returns the purchase price.

All grasses, grains, fruits and vegetables known to the temperate zone thrive in the Southeast. Alfalfa grows nearly everywhere—4 to 6 tons per acre not uncommon—$15 to $22 per ton paid locally. Apple orchards net $100 to $500 an acre. Truck gardening yields $200 to $400 per acre—everything else in proportion.

The Southeast is the farmer's paradise.

We have booklets giving full information of conditions in each Southeastern State. Address

M. V. RICHARDS, Land & Industrial Agt.
Southern Railway, Room 96
Washington, D. C.



Why Rent a Farm

and be compelled to pay to your landlord most of your hard-earned profits? Own your own farm. Secure a Free Homestead in Manitoba, Saskatchewan or Alberta, or purchase land in one of these districts and bank a profit of $10.00 or $12.00 an acre every year.



Land purchased three years ago at $10.00 an acre has recently changed hands at $25.00 an acre. The crops grown on these lands warrant the advance. You can

Become Rich

by cattle raising, dairying, mixed farming and grain growing in the provinces of Manitoba, Saskatchewan and Alberta in Western Canada.

Free homestead and pre-emption areas, as well as land held by railway and land companies, will provide homes for millions.

Adaptable soil, healthful climate, splendid schools and churches and good railways.

For settlers' rates, descriptive literature "Last Best West," how to reach the country and other particulars, write to Sup't of Immigration, Ottawa, Canada, or to the Canadian Gov't Agent.

W. H. Rogers
3rd Floor Terminal Traction Bldg.
Indianapolis, Ind.

(63)

MINNESOTO FREE 200 PAGE BOOK

Compiled by state, accurate information about prices of lands in, and products of each county.

2,000 Acres Homestead Lands
Monthly School Land Sales
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Room 501, State Capitol, St. Paul, Minn.

From the Peanut Fields of Virginia To the Orange Groves of Florida

Thru the 6 Sou. States traversed by the S. A. L. Ry. You can be independent raising fruits and vegetables. Land cheap, easy terms. Ideal climate, plenty of water. 2 to 3 crops a year, net $500 to $1000 per acre in Manatee County, on the West Coast of Florida. Booklet free. **J. A. Pride, Gen. Ind. Agt.**
Seaboard Air Line Railway,
Suite 624, Norfolk, Va.

FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley, the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. No lands for sale; organized to give reliable information. Sacramento Valley Development Assn., SACRAMENTO, **California**

TOYAH VALLEY Most fertile in the southwest. Irrigated lands produce everything. Price $75 per acre up. Address Secretary, Commercial Club, Balmorhea, Tex.

100 Note-Heads 50c

Send 50c for 100 fine white noteheads, full size, ruled both sides, with your name and address and date line in attractive and business-like style. Also 100 envelopes, on fine quality white envelopes, 50c; both, $1.00, postpaid. Guaranteed best work. Sure to please or money back.

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will reduce inflamed, swollen Joints, Bruises, Soft Bunches. Cure Boils, Poll Evil, Quitor, Fistula or any unhealthy sore quickly; pleasant to use; does not blister under bandage or remove the hair, and you can work the horse. $2 per bottle, delivered. Book 7 E free.

ABSORBINE, JR., liniment for mankind. Reduces Painful, Swollen Veins, Goitre, Wens, Strains, Bruises, stops Pain and Inflammation. Price $1.00 per bottle at dealers or delivered. Will tell you more if you write. Manufactured only by

W. F. YOUNG, P.D.F., 102 Temple St., Springfield, Mass.

are the cause of many fires, and such things should have frequent and careful examination.

Cigar and cigarette stubs must be mentioned. Many fires result from carelessly throwing them aside. A smoker is never a safe visitor to a barn or hay loft or corn crib, either day or night.

THE UNITED STATES AND THE HORSE

THE United States is eminently a horse breeding nation. We have been in the habit of going to other countries for better breeds and for tnoroughbreds, and we continue to do that. It is a good thing to do, for the American spirit of progress prompts us to search the world for the best of everything. But it is a fact that the world is beginning to look to the United States for horses. In spite of the effect the free admission of Canadian horses to this country may have, we are sure horse breeding is a safe proposition in this country, particularly in the great corn belt of the United States. Growing horses, of course, like other growing animals, need protein feeds, but corn is still the standard; and the regions that produce corn produce other feeds also—the clovers and the grasses. Many cornbelt farmers think land is too valuable to admit of its being used for pasture. But this is only partly correct. The rich lands of the corn belt are rich in the production of forage also, and fewer acres are acquired to yield a given amount of feed. Taking this view of it, it pays to use corn land, high priced land, for pastures, if so treated as to get the greatest value for them.

We repeat, therefore, that the corn belt is the ideal region for horse production, and we are glad to note that this is being more generally understood, and that a better grade of horses is being produced and that is what is attracting such general attention to the horses of this country. Draft horses are particularly in favor, and the better grade of drafts will continue to command remunerative prices in spite of the modern substitutes for horsepower that are being introduced. We advise farmers, therefore, to pay particular attention to breeding draft horses. Use pure bred or high grade draft mares, if possible, but under no circumstances use any but the very best stallions. It costs no more care and feed to raise a good horse than to raise an inferior one, and the good animal always has a market and commands a good price.

When you once see one of the new, up-to-date Cozy Cabs and compare it with the old-style buggy you will wonder why you ever put up with the inconvenience of the buggy. Next best to seeing the Cozy Cab is to study the fine large catalog issued by Fouts & Hunter, Dept. D. F. 5, Terre Haute, Ind. Send for a copy, free. You will learn something to your advantage.

Millions of farmers have organized so they could buy cheaper. Now it is possible for one single farmer to get advantage of one of the greatest buying organizations in the world. Simply send for the big Macy catalog of every kind of merchandise. Prices lowest, quality of the best. New York is the great world's market. Write R. H. Macy & Co., 702 Macy Bldg, New York City.

A farm pumping engine and one that will prove a "handy-man" about the farm is the Detroit engine. It burns coal oil as well as other fuels. Write for free particulars and special introductory price. Address Detroit Engine Works, 396 Bellvue Ave., Detroit, Mich.

There are many errands on every farm that can be best done with a motorcycle. Nothing better for a pleasure trip. Learn about these great farm conveniences. Write Harley-Davidson Motor Co., 953 L. St., Milwaukee, Wis.

Before buying a gasoline engine write to the Temple Pump Co., 414 W. 15th St., Chicago, Ill., for their catalog. For 59 years they have been manufacturing agricultural tools and machines.

If farmers once realized the comfort and safety in a Cozy Cab they would not do without them. They are storm-proof, and keep out the wind. Send for fully illustrated catalog to Fouts and Hunter Carriage Mfg. Co., Dept. D. F. 3, Terre Haute, Ind.



TULIPS . . . TULIPS

TULIPS are the most gorgeous and beautiful of spring flowers, and now is the time to plant the bulbs. I have, therefore, arranged to supply my friends with a big package of fine blooming-sized bulbs in all colors, single, double, and fringed. These bulbs have been imported from Holland, having been grown by a Tulip specialist. The finest varieties are included, and those who get the bulbs and bed them this Autumn will be more than pleased when the big, showy flowers open in early spring.

Here Is the Offer:

To anyone who will send 25 cents for Up-to-Date Farming one year, adding 10 cents to pay for postage, etc., (35 cents in all), I will mail a package containing 19 of these splendid Tulip bulbs, enough for a gorgeous bed of early spring flowers, planted as follows:

o o o o o o
o o o o o o o
o o o o o o

And I also include your annual subscription to a large Floral Magazine, a handsome, illustrated monthly devoted entirely to flowers.

Now is the time to avail yourself of this liberal offer. Plant the bulbs this month or anytime before the ground freezes up, setting them five inches apart and five inches deep. Tread the soil after planting, and cover with a coat of fresh stable litter, and in the spring you will have a bed that will be enthusiastically admired by all, and coveted by many. Tell your friends of this offer.

Get Up a Club If you will get three of your friends to send with you I will send UP-TO-DATE FARMING, the Floral Magazine and 19 bulbs to each, all postpaid, and the same to you. This is four combination for one dollar. Address **All For $1**

J. A. EVERITT, Editor, Indianapolis, Ind.

Money Making Southern Lands

In Delightful, Healthful Baldwin County Alabama

There is no section of the United States so healthful as Baldwin County. The climate is ideal. Warm in winter and cooled in summer by the fresh sea breezes from the Gulf of Mexico. It is a perpetual pleasure to live in this county. The land will produce crops that net $100 to $400 per acre. Fruits, including Satsuma Oranges, make large profits. Berries and Nuts are big money crops. Early vegetables are grown for northern markets in January and February, when prices are highest.

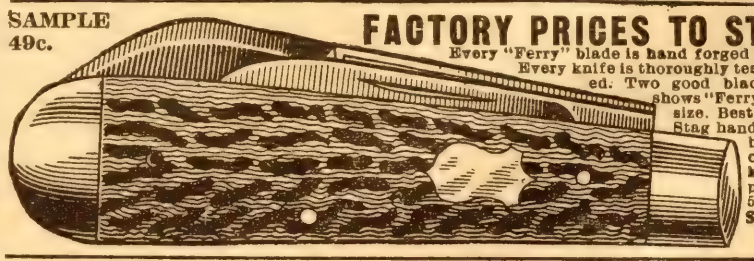
Stock raising and Poultry raising are very profitable. Green pastures the year around. Money crops every month. Baldwin County produces the famous shade grown wrapper tobacco, often yielding $1,000 per acre. Its sun grown tobacco sells at a fancy price.

Two or more crops produced on the same ground every year.

I have the best lands for all purposes at low prices. One company is selling tobacco land at $125 per acre. I have equal land at $25 per acre up. Will be glad to correspond with intending purchasers and assist in selecting. Lands sold on easy terms if desired. Information free.

L. GLENDINNING, Box 1, ROBERTSDALE, ALABAMA.

SAMPLE 49c.



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"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

A Happy Match Strangely Made

At the age of 27, having returned from a two years' sojourn in foreign lands for purposes of education and recreation, I sat down to write to my cousin Edward, the Rev. Edward Stewart, who was laboring for lost souls down in the wilds of Maine. The field of his labors was a miserable little fishing village gone to seed; that is to say, the men had given up braving the perils of the deep, had turned their backs on Neptune, and were earning a precarious living by tilling the soil.

I had had all the pleasures and advantages which wealth could give, had been courted and flattered by crowned heads (for my money, of course), but even the privilege of being allowed to kneel and kiss the fat and pudgy hand of royalty itself had not been altogether soul-satisfying, and I had come home with a settled purpose in my mind, which was to go to Maine and help Edward in his wrestle with souls.

I was not at all of a religious turn of mind; in fact, I had always been considered as an irrevent sort of person, and it was not with any mistaken idea that I was one of the elect that I wanted to help Edward. I liked him, I admit, but he was married and was bravely striving after the infinite on a meager salary of $600 a year.

Souls are very well in their way, but so long as they inhabit this earthly sphere they must not be separated from the bodies, and the only thing to keep body and soul together is money, of which I had plenty while Edward had almost none, and I had just written my intentions, couched in language well suited to his saintly intellect, when a telegram came, saying: "Molly is dying. Come at once."

I had nothing to do but to pack my trunks and sally forth for Maine. I telegraphed Edward that I had started, and I reached my journey's end towards the close of a bleak November day.

Molly, by the way, was Edward's wife, whom I had never seen, as they were married, while I was abroad.

It was snowing hard when I left the train, and I looked around for some seasmelling fossil to transport me to my destination. Not seeing anything of the kind, I felt the blankness of desolation coming over me, when a man covered with snow drove up leisurely to the station in a—pung! "This is fate!" I groaned, already feeling in imagination the wobbly touch of the snowflakes as they strike one's face and then melt in an aimless way down one's neck.

After leisurely descending from his pung, this leisurely person held out his hand and said "You are Nora."

"Yes, I am," I snapped out, but he was unmistakably a gentleman, and one not to be tampered with, and my momentary burst of offended dignity collapsed instantly, as I shrank into significance and meekly gave him my baggage checks.

He did not say a word, even after he had hurried me and my trunks into the pung and urged the horse, which was a strong-willed animal, into something a little faster than a walk. Finding that conversation lagged rather appalingly, I ventured to break the silence by saying that it was a nice day, although I was conscious of carefully holding my closed umbrella under the robe to keep it from getting wet, and was automatically computing the number of flakes that could beat against one's face in the course of a three miles' drive in a blinding snowstorm at the rate of a mile an hour.

This met with no response, so, remembering that there is an intrinsic value to silence which is lacking in some other virtues, I sat like an animated marble thing and shivered. The cars had been very hot, and there was something about the bitter chill of the snow that penetrated to my very marrow, and by the time we had traversed about two miles I hazarded the remark that I was very cold. I found that this man was looking at me with a look which seemed to go through me, and the feeling came over me that I had seen him before, but where?

All he said was: "My child, forgive me," and he put his arm around me and pulled the robe up and drew me close to him. There was something a bit masterful in his way of thus appropriating me, but I was so benumbed that the embraces of a polar bear would have been welcome, and I allowed myself to be appropriated without a murmur.

Suddenly, a thrill went over me from head to foot. Edward was forgotten, the Edward whom I like, Molly, everything, except that I loved this man! Who was he? Where had I seen him! What was his power over me?

"Don't you know me, darling?" he said, "I have been looking for you ever since."

Then like a flash I remembered the day I went to have my fortune told! About a year before I came into possession of my property, I went, in a spirit of bravado, to a famous astrologer. On my way to his office, as I was crossing a street, I noticed a man who stared very hard at me as he passed. It was not a bold stare, but rather as though he recognized me. It gave me a curious sensation, but persons often turned to look at me, and I did not think much of it, and simply wondered if I should ever see him again. The astrologer told me some of my past life which was quite true, and then said I should inherit a large sum of money, and that I had that very day seen the man whom I should marry. He could not tell me where, or at what time of the day I had seen him, nor could he tell me who he was, but that I had seen him and might not see him again for years, but should know him when I did see him and he would know me. The money came as he predicted, and in the excitement attendant upon that and the subsequent events, I quite forgot the man who had stared at me, until now that I was brought face to face with him. It all seemed so uncanny, and yet perforce I must believe my own eyes, for there he was in the very flesh, and all I could do was to gasp out: "Since when?" knowing well what his answer would be.

"On the day that I met you," he said, "just three years ago today—I shall never forget that date—I had just come from a visit to an astrologer, who had told me, among other things, that I should that day see for the first time the woman whom I was going to marry. As I met you I knew that you were she, and I almost expected to see you smile, so sure I felt that I knew you and you would know me. You gave me a startled look which has haunted me all these years; it seemed to say:

"'Come with me,' and I half turned to follow you, but I was hurried along by the crowd, and when I could turn to find you, you had gone. I retraced my steps and went back and forth looking for you, but you had disappeared as utterly as if the earth had opened and swallowed you. Day after day I went to the same place, thinking that I should surely find you, but in vain. Last summer Edward Stewart married by niece, Molly Ashley, and shortly after the wedding, impelled by some irresistible impulse, I went to Europe, but I did not find you there, and I came home, worn out in body and mind. A few days ago Edward wrote me that Molly was very ill and asking me if I could come to see her; and from the moment that I received his letter a load seemed lifted from my mind. I came down as quickly as I could, with the firm conviction that I should find you, and when Edward said yesterday, 'Nora is coming, thank God!' I knew that she was Nora."

"And you are Philip," I said, "Edward's Uncle Philip?"

"Yes, I am Philip," he said, "your Philip, and you are Nora, my love, my bride," and then he bent to kiss me. This was so obviously against all the recognized canons of courtship that I drew back from him and said:

"Oh, no, no!"

When I said it I felt like a heretic who had been burned at the stake and then put somewhere to cool off, because I knew that I loved him and when I saw the expression of his face, my heart smote me, but I was resolved not to give up all claim to myself without some effort.

Then he moved from me and I sat and shivered—shivered.

After what seemed like an eternity, we reached Edward's house, and when this man Philip lifted me from the pung he held me in his arms for one instant, and, looking deep into my eyes, said:

"You are my wife," and then he let me go, and I went up the steps. Edward met us at the door and told us that the doctor said that nothing but good nursing could save Molly now. In the long weeks' battle with death I saw little of Philip, but I knew that he was loving and caring for me all the time. And of course I loved him, how could I help it? But was I going to let him know it? Never!

One morning the doctor said:

"She will live," and I went out of the room to go somewhere and cry. I wanted something—of course it was Philip. I found him in the study, and without saying a word—one of his strongest characteristics—he took me in his arms and held me fast and kissed me, kissed my quivering lips, kissed my cheeks, my tired eyes, and with a sob I threw my arms around his neck and cried:

"Forgive me, Philip, forgive me! I am, oh, you know I am!"

"Are what, my darling?" he said as he pressed his cheeks to mine.

"Your wife, Philip."

"I know it, darling," he said, "and I knew it three years ago."—E. B. Browne.

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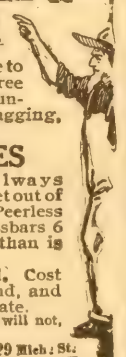
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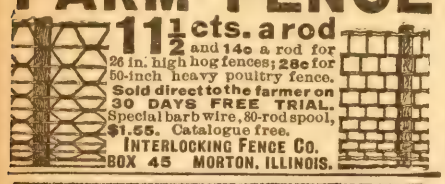
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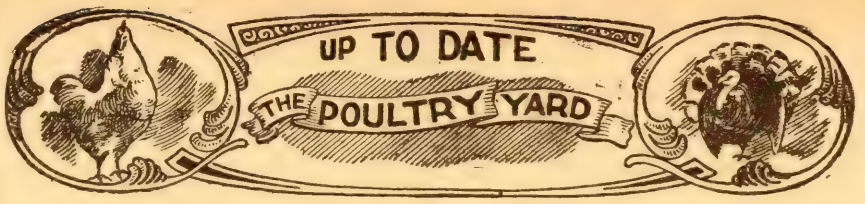


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THE USE OF EGGS

AFTER discussing the use of eggs, and suggesting a number of substitutes, a writer says that eggs are the country standby, a rich delicacy that may frequently be found on every country table. But eggs are a very concentrated food, and whoever boasts of eating large numbers of them is boasting of a very unwise and inexcusable abuse of the most important and most delicate machinery of his system, and of making a bid for impaired digestion and early failure of health. He is eating the very best of food, but he is taking nutrition in excessive quantities, though the bulk may be small compared with the quantity of other food he may be in the habit of taking. One or two eggs, with ordinary food, is enough for any meal.

But eating is not the only use made of eggs. A delicate and healing oil is obtained from the yolk of eggs. In small quantities this may be obtained in a simple way in the home. Boil the egg very hard, take out the yolk and crumble it very fine, heat and stir till almost ready to blaze; the oil may then be squeezed out of it through a thin cloth. If handled right a teaspoonful or more of oil may be thus obtained from a single yolk.

A healing and soothing salve may be made of egg yolk and spirits of turpentine. Put the two together and beat until thoroughly combined. Increase the quantity of turpentine so as to make a liniment instead of a salve, and a liniment valuable in rheumatism may be had. It should be a creamy mass and will keep for years if kept well corked.

Lemon juice with white of egg makes an excellent lotion for sunburn or tan, while the entire egg and lemon juice beaten together is a good remedy for hoarseness. The yolk of egg is often used for cleansing the skin, or for the hair and scalp as a shampoo. Egg shells dried and pulverized make a good tooth powder, and if burned to a fine dust without being mixed with any other substance, constitute a very pure carbonate of lime, that is better for neutralizing purposes in the stomach than chalk; it is an anti-acid and absorbent.

The white of eggs is often used as glue, as a varnish for oil paintings, in making court plaster, in polishing and adding luster to leather, and also for clarifying purposes, as "settling coffee," etc. The oil of the yolk gives softness to kid for glove manufacture, and it is also used in the manufacture of fine soaps. It is also used as a clarifier by wine makers, and for this purpose it is claimed not less than eighty million eggs are used annually. Tanners and dressers of morocco also use large quantities, and for this purpose even bad eggs are available. In the manufacturing of confections bad eggs are sometimes used, great quantities of such eggs having been confiscated on their way to confectioners since the adoption of the pure food laws.

In addition to all this, there is scarcely a dainty produced for the home table that does not require eggs, and for these uses it is difficult to find a substitute for them. But it should be remembered for the sake of the health of the household, that it is easy to make these delicate articles of food too rich by the too free use of eggs.

Hadn't the Face to Do It

Billy to his little sister whose eyes were still wet with tears—Why didn't you deny it when mamma accused you of stealing jelly?

Little Sister—'Cause she could see the truth in my face.

SELLING EGGS TO MARKET

THE value of eggs is in their freshness. An egg soon becomes stale and, while the fresh egg is the best possible food in the many human ailments, the stale egg is the worst. Physicians are recommending eggs, variously prepared, as the best food for consumptives, and often there is a demand for this purpose that is almost painful, and that does not consider price at all, but the element of freshness and purity is the one essential feature. For this and other reasons, a writer in The Reliable Poultry Journal declares this to be an almost unanswerable argument in favor of selling all eggs direct to consumers. However careful producers may be to market none but clean, pure and fresh eggs, the present miserable system of marketing, the holding for days in the initial market, the shipment on freight trains of doubtful speed and uncertain delays, or even by the quickest express routes, then the slow delivery to the wholesale houses and the still slower



distribution to the retail trade, saying nothing of uncertain storage and reshipment to outside points, makes it almost impossible to be sure of fresh eggs at any time even though the life of a dear one may depend upon it.

This emphasizes direct shipments. If eggs could be sent by producers directly to the consumers or to the immediate furnishers of consumers, the whole face of this problem would be changed. Such markets could easily be found by farm egg producers, the only thing necessary to the maintenance of the market being promptness of shipment and certainty of freshness. The best general solution of the problem is the Equity System of marketing. Here the shipper knows where the demand is and the goods goes directly to it, without bindersome delay, or reshipment, and we can think of nothing that can appeal more strongly to both producers and consumers as the complete establishment of this system of direct shipments.

BEES ON THE FARM

I desire to again call the attention of my readers, who grow fruit, to the necessity of keeping on the farm enough bees to properly fertilize the fruit-blossoms, especially those of the strawberry and the apple. There will never be the finest crops in your orchards and gardens until you do, unless you have near neighbors who are bee-keepers. But why not keep a few for the pleasure there is to be had in taking care of them, not to speak of the delicious honey which they will give you for your trouble? It can be said of the bee, as it can not be said of any other farm "critter," that "she works for nothing and boards herself.' Subscribe for **"Gleaning in Bee Culture,"** Medina, Ohio, and get yourself an outfit of bees for the benefit of your fruit.

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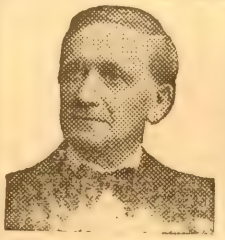


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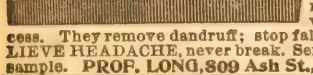
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Sidney Fairchild Co., 362 Fairchild Bldg, Toledo, O.

THE TURKEY SIDE OF THE POULTRY FARM

WE SEE no reason why there should not be an increased production of turkeys on the farm. Prices for several years have ruled high, nad the demand never seems exhausted. We feel very much inclined to encourage the raising of turkeys on the farms, and the following article by a writer in Farm Progress, is so entirely in accord with our own experience that we transfer it to our columns. We are sure it will be a benefit to many of our readers:

On my old home farm of 400 acres we kept a large flock, say two toms and ten to fifteen hens, and they had the run of the entire farm.

It was all right up to laying time, because the flock had for a generation been roosting in a huge old cedar tree, and each successive generation roosted there. But when laying time came some of them seemed so possessed with a "call of the wild" that they would go to the woods often a half mile from the house to make a nest.

The only way to find the nests was to watch the flock and when single hens began to stray from the others, keep an eye on them till the pile of brush or thicket in which each one made her nest was located. After that there was no trouble except to go out and gather the eggs from each nest.

In a few cases where the stolen nest was in a safe and not very inconvenient place, the eggs were put under the hens and they were allowed to sit in the nest of their own choosing. But this was not a very safe plan on account of the danger of dogs getting the eggs, or sometimes the hens being killed on their nests by minks, weasels or foxes.

Our usual plan was to make a nest pen about four feet square, with a division that cut it into two equal spaces. In one end of each of these long spaces a nest was made, the eggs put in and the hens put on to sit as soon as they became broody.

A good cover was put over them and the space not occupied by the nest in each division was left unoccupied to feed and water them in. We have always tried to have as many as four hens to sit and hatch at the same time because it is no more trouble to look after a flock than a single hen and brood. And large flocks seem usually to thrive better than small ones.

After the hens and poults have gotten to wandering about pretty freely there may be trouble from a variety of sources.

Foxes abound in some places, also minks and hawks, so very extensive rambling is not advisable. But there should by all means be some very good undergrowth cover, bushes or undergrowth, in a small body of woods for instance. A pine thicket with an open field adjoining is a particularly good sort of place, and late in the evening then should be driven up or called up and be made to roost under shelter in an inclosure very near the residence.

In the first few weeks of its life a young turkey is more frail and delicate than any other young domestic fowl; but in time they become vigorous and hardy and can travel over a wide area every day. After they "shoot the red," that is the heads and incipient wattles become red, they are practically out of danger.

They are then inclined to wander all day and get so much to eat in the shape of berries, insects, seed, etc., that they grow very fast and need very little feeding.

The first feeding of the young ones should be hard boiled eggs mashed up fine and bread and milk. After a week or two, brown bread made up dry and crumbly and as a variety, corn bread made and cooked in loaves constitute the diet. But on farms, after the poults become about half grown, there are usually so many insects and in some sections berries that little feed is required.

As turkeys have the roaving instinct more than chickens, the inclosures should be made permanent, as it will probably be necessary every year, and they do better on grounds they are familiar with than elsewhere.

These suggestions contemplate having a plenty of room, but some of the best turkeys I ever raised grew up in a poultry yard of an acre; but they cost far more to raise than those that had wide range.

I have always kept the Bronze mostly, but we have found the red variety very satisfactory and the white ones are no doubt as good, but they were troubled more by hawks than the dark varieties.

The easiest way to get a start in turkeys this season is to get a setting of eight eggs and give them to a large size chicken hen and when old enough to travel farther than the poultry yard let them run in the orchard.

Five years for $1.00

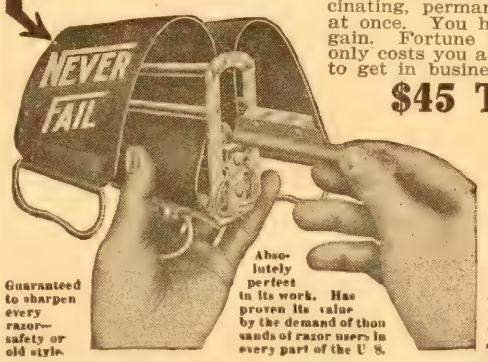
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Read every word of this remarkable offer. I am offering good, honest men an opportunity to get into a business of their own. *No experience necessary.* 100 percent profit. Sells on sight. Everybody enthusiastic. Men being appointed every day. You can work at home or travel—give all or spare time to the business—but you will *be your own boss. You can make just as much as other men are making.* LISTEN: H. C. Wingo sold 720 *machines in six weeks, profit* $1,080.00. Stauffer sent in third order for 300 machines. Stevenson is averaging 30 sales a day. Kirgan sold 6 in ten minutes. It's great—the biggest, easiest lightning seller of the age. *Simply show and the sale is made.* Half a minute demonstration does the trick. A positive Automatic Razor Sharpener—*absolutely guaranteed.* The thing all men have dreamed of. Perfect in every detail—under every test. The only *machine that brings to a* keen, smooth, velvety edge any razor—safety or old—all the same. Handles any and every blade automatically. Men are excited over this little wonder machine—over its marvelous accuracy and perfection.

I want a good man in every territory of the United States—as local agent for one county, or general manager for a number of counties. The proposition offers an opportunity for you to build up a splendid and permanent income. It's simply up to you as hundreds of others are making a big success of this business in their territory. No experience is necessary to start, but I want men—young or old—who will do their best, who will treat me square, and who will follow plain, easy and helpful instructions. I am organizing my selling force now, and I would like you to begin at once.



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Absolutely perfect in its work. Has proven its value by the demand of thousands of razor users in every part of the U. S.

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All I require is that you make an honest effort, keep things moving and that you keep your promise to me and to your customers. The possibilities are unlimited. I absolutely prepare you on how to start at once and make a great success for yourself and us. Investigate. It costs you nothing to learn about this opportunity. Don't delay. Territory is going fast. Write today, and give the name of your county. Address Secretary,

THE NEVER FAIL CO., 1220 Colton Bldg., Toledo O.



25 Christmas Cards

With THE AMERICAN WOMAN Three Months for 10 Cents

To introduce *The American Woman* to new readers we will send it three months on trial, together with 25 *Beautiful Embossed Post Cards* for only 10 cents. *THE AMERICAN WOMAN* is a monthly paper filled with the best and most delightful stories we can buy. There are thrilling serials by the best authors; there are exciting short stories, some written expressly for us by the popular writers. There are pages of fancy work, receipts, household hints, etc., for the housewife. There are selections from the latest fashions, with all patterns at small cost, for the home dressmaker. All the illustrations and descriptions are the very best and clearest. In short, *THE AMERICAN WOMAN* is a paper that, once taken, you will never be without. That's why we can make this introductory offer. We know that later you will want to subscribe for a full year.

The Cards We Offer You Are the Best

The above illustrations are only about one-third the actual sizes and can not show the rich and beautiful colors which each card has. This set of 25 fine cards is a masterpiece of the lithographer's art, and each card bears a joyous Christmas message.

Each card is entirely different from any other in the set and is finely printed on a selected stock of cardboard, and *heavily embossed.*

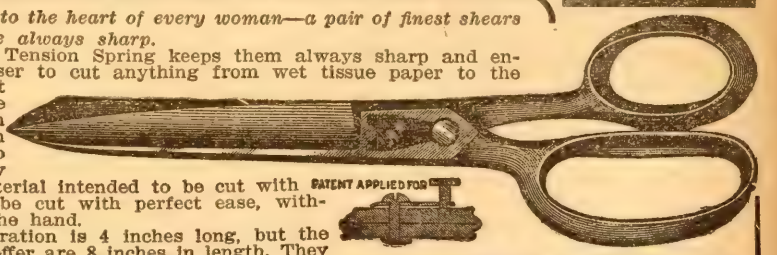
We will send *The American Woman* for three months, on trial, together with the 25 Christmas Post Cards described above, if you will send us only 10 cents in silver or stamps.

Address THE AMERICAN WOMAN, Dept. U, Augusta, Maine

Ever-Sharp Shears FREE

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The Patent Tension Spring keeps them always sharp and enables the user to cut anything from wet tissue paper to the heaviest cloth. The tension on the rivet can be set so that any kind of material intended to be cut with shears can be cut with perfect ease, without tiring the hand.



Guaranteed for Years

The illustration is 4 inches long, but the Shears we offer are 8 inches in length. They are made from the best carbon steel which insures strength and a keen cutting edge. The manufacturers guarantee quality of material and workmanship in every pair.

MY OFFER: One pair of these Shears will be sent free for your renewal or a new subscription 2 years for 50 cents

J. A. EVERITT, Editor, Indianapolis, Ind

Don't Carry Water

after you have once pumped it. Throw away the obsolete wooden pump. Install one to force the water where you want it.



GOULDS RELIABLE PUMPS

have no chain to kink or catch on the tube, they are always ready to throw a big stream.

We make pumps for every requirement. Write for our free booklet, "Water Supply for the Home" It is full of suggestions on the subject.

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UP-TO-DATE FARMING Indianapolis, Ind.



WHEN YOUR HORSE GOES LAME

—When he develops a Spavin, Curb, Splint, Ringbone or any other lameness—don't risk losing him through neglect—don't run just as great a risk by experimenting with unknown remedies—don't pay a big veterinary bill. Use

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and cure it the quickest and safest way. Read what W. W. Brown of Content, Alta, writes—

"I have used your Spavin Cure for years and have completely cured Foot Rot in my herd of cattle and Splints and Spavins on horses. I find that it cures wherever it is faithfully applied.

Thousand of other horse owners have had the same experience. For over 35 years Kendall's Spavin Cure has been the old reliable remedy. It has saved thousands of dollars for horse owners. Go to your drug. ist—get a couple of bottles to keep on hand. Price $1 per bottle—6 bottles for $5. Ask him also for free book "Treatise on the Horse"—or write direct to us.

Dr. B. J. Kendall Co.,
Enosburg Falls,
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U.S.A.

When writing to advertisers don't fail to mention Up-to-Date Farming.

Planting Trees With Dynamite

THE attention of farmers has but recently been directed in general to the use of dynamite for various agricultural purposes, but experiments have been going on for many years to determine its exact efficiency and how it can best be used.

The time has now come when we can deal not with theories, but with facts—with results which prove conclusively that dynamite has advantages in fruit culture.



The following results already determined should be of interest to progressive horticulturists everywhere:

First. Planting trees with dynamite practically eliminates the loss of young trees during the first year.

Second. Trees can be planted much more rapidly by the dynamite method than by the old method.

Third. Trees planted with dynamite come into bearing from one to two years sooner than those planted by the soil method.

Fourth. Trees planted by dynamite grow much more rapidly and yield much more heavily than those planted in the old way.



One of the chief elements of loss in orchard work is the loss of trees the first year. S. H. Bollinger, Shreveport, La., used dynamite in blasting holes in which 1,080 pecan trees were planted one year ago, also for planting 8,000 peach trees. The percentage of loss on the pecan trees (which are among the most difficult to set so they will live), was almost nothing compared with the loss on trees planted in the ordinary way.

Trees planted with dynamite come into bearing much sooner. W. W. Stevens, Wyfield, Ga., has been using dynamite for tree planting eighteen or twenty years. In planting peach trees by this method he gained two years in six. He got as much fruit from a tree planted with dynamite at four years of age as he got at six years by the old method.

Trees planted in spaded holes must fight their way into the compact subsoil which has never been disturbed. When planted in a dynamited hole the ground being thoroughly broken up under the surface soil makes an easy path for the roots so that they spread out and have a large area from which to draw water and plant food.

An orchardist reports that it was found necessary to remove two filler trees seven months after setting out. One of these had been set with dynamite and the other with a spade. They were taken up with the greatest care. Both were planted at the same time, under similar conditions. The spade-set tree had a fine, bushy and vigorous tassel of roots about a foot long. The dynamite-set tree had two roots going down some three feet or over, and it had a great quantity of medium and short growth roots.

A little thought will show the reason why dynamiting is so beneficial in tree planting. The principal plant food is water and the fertile elements of the soil must be absorbed in water before they can be absorbed by the terminal roots. Hence, the larger the area throughout which these terminal roots are spread, the greater the amount of moisture the tree can draw on and the greater amount of water and plant food it can obtain.

This also explains the reason why dynamiting the soil between rows of

How to Get Rid of Catarrh

A Simple, Safe, Reliable Way, and it Costs Nothing to Try.

Those who suffer from catarrh know its miseries. There is no need of this suffering. You can get rid of it by a simple, safe, inexpensive, home treatment discovered by Dr. Blosser, who, for over thirty-six years, has been treating catarrh successfully.

His treatment is unlike any other. It is not a spray, douche, salve, cream, or inhaler, but is a more direct and thorough treatment than any of these. It cleans out the head, nose, throat and lungs so that you can again breathe freely and sleep without that stopped-up feeling that all catarrh sufferers have. It heals the diseased mucous membranes and arrests the foul discharge, so that you will not be constantly blowing your nose and spitting, and at the same time it does not poison the system and ruin the stomach, as internal medicines do.

If you want to test this treatment without cost, send your address to Dr. J. W. Blosser, 106 Walton Street, Atlanta, Ga., and he will send you by return mail enough of the medicine to satisfy you that it is all he claims for it as a remedy for catarrh, catarrhal headaches, catarrhal deafness, asthma, bronchitis, colds and all catarrhal complications. He will also send you free an illustrated booklet. Write him immediately.

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

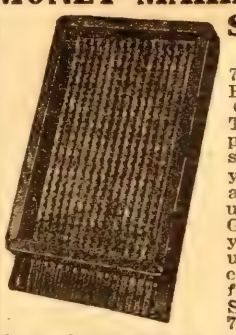
It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

ASTHMA CURED TO STAY CURED

No relapse. No return of choking spells or other asthmatic symptoms.

Whetzel system of treatment approved by best U. S. medical authorities as the only system known to permanently cure the disease. **FREE TEST TREATMENT** including medicines, prepared for any one giving a full description of the case and sending names of 2 asthmatic sufferers. Address ***FRANK WHETZEL, M. D.*** Dept. C, American Express Building, Chicago.

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SEED CORN GRADER

75c buys a patent PLANTER SEED CORN GRADER. The increased yield per acre pays for it several times in a year. How many acres have you? Figure what one of these Graders means to you. Any boy can use it. Will grade corn perfectly. Every farmer needs one. Special price: Only 75c. Send to-day.

O. K. SEED STORE, Indianapolis, Ind

When writing to advertisers don't fail to mention Up-to-Date Farming.

Stops a Deep-Seated Cough in a Hurry

A Family Supply of Unequaled Cough Remedy for 50c—Money Refunded If It Fails.

Cough medicines, as a rule, contain a large proportion of plain syrup—a good ingredient, but one that anyone can make. A pint of granulated sugar, with ½ pint of warm water, stirred for 2 minutes, gives you as good syrup as money can buy.

A 50-cent bottle of Pinex, mixed in a pint bottle with home-made sugar syrup, gives you a full pint of really better cough syrup than you could buy ready-mixed for $2.50. There's a clear saving of $2.00. Full directions in package.

And money couldn't buy a quicker, better remedy. Takes hold at once, gives almost instant relief, and usually stops the most obstinate, deep-seated cough in 24 hours. It stimulates the appetite, is slightly laxative and has a pleasant taste—children take it willingly. Splendid for hoarseness, asthma, chest pains, and other throat troubles, and unequaled for prompt results in whooping cough.

Pinex is a special and highly concentrated compound of imported Norway White Pine extract, and is rich in guaiacol and other natural healing pine elements. Simply mix it as directed with sugar syrup or strained honey, and it is ready for use.

Used in more homes in the U. S. and Canada than any other cough remedy.

Pinex has often been imitated, but never successfully, for nothing else will produce the same results. The genuine is guaranteed to give absolute satisfaction or money refunded. Certificate of guarantee is wrapped in each package. Your druggist has Pinex or will get it for you. If not, send to The Pinex Co., 223 Main St., Fort Wayne, Ind.

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American Movement, rich case, fine time-keeper, for selling 6 boxes Blood Tablets at 25c. each. When sold return $1.50 and we send Watch, also extra premium of Ring and Chain for money sent in 10 days.



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FREE

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American Movement Watch. Beautifully engraved case, warranted time keeper, also chain and Signet Ring, all given Free for selling 20 pieces jewelry at 10cts ea. Write for jewelry. When sold send us the $2.00 and we send Watch, Ring and Chain.



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We positively give to BOYS and GIRLS a BEAUTIFUL American-Made stem-wind, stem-set watch with handsomely designed case, proper size. GUARANTEED 5 YRS. Also dainty ring, set with three sparkling stones, for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send $2 and we will send watch, ring and chain. We Guarantee Satisfaction.



Dale Watch Co., Dept. 53 Chicago

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We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years and a beautiful Ring set with an Im. Diamond, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring & Chain.



WILLARD WATCH CO., Dept. 1137 CHICAGO

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We positively give FREE a STEM WIND, STEM SET, BEAUTIFULLY ENGRAVED, Plated WATCH, equal in appearance to Solid Gold Watch, American made, guaranteed 5 years, and a beautiful Ring, for selling only 20 packages of beautiful high grade art post cards at 10c a package. Order 20 packages, and when sold, send us $2, and we will positively send you the Watch, Ring and Chain.



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Our American made, stem wind watch beautifully designed case, factory-tested, guaranteed for 5 years, and this latest style double heart signet ring are given to boys and girls for selling 20 packets of high grade art post cards at 10c a packet. Order 20 packets to-day. When sold send us $2.00 and we will positively send you at once the watch, ring and chain.



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Send 50c for 100 fine white envelopes—full size—with your name and address in corner. 100 noteheads, ruled both sides, 50c. Both $1.00, postpaid. Guaranteed best work. Sure to please or money back.

EQUITY PUBLISHING CO., Indianapolis, Ind.

old or failing fruit trees renews their vigor.

Orchardists who have never used dynamite should be sure to get all possible information from the manufacturers of the explosive before attempting to use it. While it is no more dangerous to use then gunpowder os gasoline, it is a poor thing for people to fool with ignorantly because it is very powerful.

Contrary to a quite general belief, dynamite does not explode from dropping or ordinary shocks and will not go off spontaneously. It has to be "detonated" or exploded by the shock of a priming cap which is set off by a fuse.

The fact that the most progressive orchardists in the country, including the celebrated Hale orchards of Georgia and Connecticut, are using it right along indicates that it is safe for any reasonably careful and intelligent person to use.

SMILES

Bigger Inside

"Dear me, Tom, you eat a good deal for such a little fellow," remarked Uncle John to his nephew.

"I s'pects I aren't so little inside as I looks outside," said Tom, innocently.

Why It Was

Mr. Smarting—What beautiful dark hair you have, Miss Cutting. My wife is not so old as you are, but her hair is quite gray.

Miss Cutting—Yes, and if I had been your wife I expect my hair would have been grayer than hers.

The Last of Her

Mary had a little lamp,
Filled with gasoline;
She tried to light the fire with it,
And has not since ben-zine.

A Different Teacher

Teacher—How is it you never know your lessons? When I was of your age I could answer every question asked me.

Pupil—Yes, but you had a different teacher from what I've got.

Wouldn't Go

"Dear me," said the talkative visitor, "that baby is so frail a breath would blow it away!"

Little four-year-old heard and caught the idea. Watching her chance when she thought no one was looking, she went close to the baby, inflated her lungs to the fullest, and blew the strongest possible breath against it. When the baby remained as it was, she looked at it with amazement, and the exclaimed indignantly: "Why don't oo go then?"

What They Did in Rome

Live Business Man—What do you suppose the young fellows did in the great city of ancient seven hills?

Phunny Filosiper—Oh, they sat around the livery stables and cold drink parlors and talked about what a bum place Rome was, but they never hired a rig nor bought a drink!

Criminal Deception

Sergeant—Corporal, arrest private Munsey for laughing on parade.

Corporal—Why, sergeant, he was not laughing.

Sergeant—Sure enough, I see now that he wasn't. Cancel that order and arrest him for deceiving me!

A Long Way to Go

Do giraffes catch cold when they get their feet wet, papa?

"Yes, my child, but it takes it till sometime next month to get to their throats.

A Little Suspicious

Why, your airship is running beautifully now, isn't it?

Yes, I'm afraid there is something out of fix.

Marrying For Love

Girl (not getting ready to marry)—I don't think girls ought to marry for money; they ought to marry for love.

Girl (getting ready to marry)—So do I, and I am marrying for love.

First—Why the old man you are going to marry is worth ten million dollars!

Second—I know it, and that is what I am in love with.

Making Rapid Advancement

How is your son getting along as a doctor?

First rate. He began on such common diseases as appendicitus and tuberculosis, but he's got up to green apple colic and stolen jam cramps now.

But She Didn't

Wife—John, I listened to you for half an hour last night while you talked in your sleep.

John—Thanks, dear, but I am surprised you didn't talk back.



THE MAN WHO KNOWS

Charles A. Green, the man who, over thirty years ago, discovered that fruit growing was the best and most profitable way to occupy land, has written an intensely interesting and highly instructive book, "How I Made the Old Farm Pay." It is worth many dollars to any fruit grower or farmer. It is a story of Mr. Green's actual work and its results. YOU may follow its methods and teachings and make your farm much more profitable.

Mr. Green edits and publishes

GREEN'S FRUIT GROWER

The Oldest Fruit Journal in America

(Established over 30 years ago)

His editorials and advice are timely and instructive, as are the writings of his staff of horticultural writers. Here every month you are sure to get news of the latest and best methods which make for success and profit in fruit growing and farming.

There is big profit and pleasure in fruit growing. Even a few trees are profitable. Apples are worth twice as much as Oranges! For years we have advised our readers to plant orchards, and many are now getting their reward in big profits. Every home-owner should plant a few fruit trees.

GREEN'S FRUIT GROWER tells you how and where to plant, how to prune and spray, and how to make your fruit trees most productive. Mr. Green has piloted many orchardists to success. YOU need this publication NOW. Send 35 cents now and get GREEN'S FRUIT GROWER for twelve months and Green's booklet, "Thirty Years with Fruits and Flowers." Or send us $1.00 to-day and we will send you GREEN'S FRUIT GROWER every month for four years (48 numbers) and Mr. Green's famous book, "How I Made the Farm Pay." A book that will hold your interest from cover to cover. Think of it! This valuable book and 48 numbers of the greatest fruit journal in the world for only $1.00, all charges prepaid, if you send at once.

Send your order to-day, as the price will be advanced. Satisfaction guaranteed.

GREEN'S FRUIT GROWER CO.
Rochester, N. Y.
Box E



$3.00 The Family Grist Mill

Should Be In Every Home

This little mill has a well deserved reputation as the best of its class. Hand power. Can be attached to table bin or box. Grinds corn, oats, barley, coffee, etc. You can make your own corn meal and graham flour fresh every day Just the thing for cracking grain for poultry. Capacity, 40 lbs. of coarse meal, or 25 lbs. of fine meal per hour. Made on honor and will wear a lifetime. **Price.....$3.00**

We received the Family Grist Mill, and find it as represented. Would not sell it at any price, if I could not get another. Our neighbors think it a grand mill, and you will get several orders from our town.
Mrs. A. F. Brown, Milton, Ill.

Wt. 30 lbs

O. K. SEED STORE, Indianapolis, Indiana

EVERY line of matter in this paper is worth a careful reading. There is no other paper like this one. What you learn from Up-to-Date is what every farmer needs most, but not obtainable from any other source. After you read this number write to us and be honest enough to tell us if you agree.



FREE

This magnificent large parlor lamp and globe is made of heavy crystal glass, tinted by hand; gold, brown, green and red blended, and stands 18 1-2 inches high.

The large, eight-inch crystal glass globe is embossed and decorated to match the graceful body of the lamp. It has large gold finished metal base, and fitted with a standard No. 2 sun burner, and is complete with chimney. All comes carefully packed direct to your nearest freight station. Capacity of lamp, one quart and a half. As soon as you send in the coupon below we will mail you a large picture of the lamp in all the pretty colors of red, brown, green and gold, showing just exactly how it will look when you take it out of the box in your own home.

Fill out the coupon below (or write me a postal card) and I will send you, all charges prepaid, a sample of our *big needle case*—115 best grade, big eye, extra quality imported steel needles of all sizes.

When you receive the big needle case show it to your friends and also show them a copy of our big farm magazine, and ask them for twenty-five cents each in connection with a special offer I will authorize you to make.

SEND NO MONEY—JUST THIS COUPON

When you have collected only $4.00 for us in this way the lovely parlor lamp will be yours. Put your name on the coupon and send it at once. We give two EXTRA PRIZES for promptness—so hurry.

PARLOR LAMP COUPON

GARRETT WALL, 311 N. 10th St. St. Louis, Mo.

Please send me the 115 needles, and I will do my best to secure a club for the Parlor Lamp.

My Name .....
My Address is .....

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Save $18.00 to $22.00 on
HOOSIER HEATERS & RANGES


Why not buy the best when you can buy them at such low, unheard-of Factory Prices? THIRTY DAYS FREE TRIAL BEFORE YOU BUY. Our new improvements absolutely surpass anything ever produced. SEND POSTAL TODAY FOR OUR FREE CATALOG AND PRICES
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BEACON LAMP BURNER FREE

100,000 satisfied users
Incandescent. 100 Candle Power. Burns common coal oil. Gives better light than gas, electricity or six ordinary lamps at one-sixth to one-tenth the cost. Fits your old lamp Unequaled for fine sewing or reading.
COSTS ONLY ONE CENT FOR SIX HOURS
We want one person in each locality to whom we can refer new customers. Take advantage of our Special Offer to secure a Beacon Burner FREE. Write today. Agents Wanted. HOME SUPPLY COMPANY, 254 Home Building, Kansas City, Mo.

NULITE GASOLINE TABLE LAMP

A complete Light Plant weighing 7 lbs. Portable, absolutely safe, 300 c. p., brilliant light, one-third cent per hour. Saves 90 per cent of your light bill.
AGENTS—Write for special offer on complete line of gasoline lights and systems. Over 200 different styles. Highest Quality. Lowest Prices. Exclusive territory for capable town, county and traveling salesmen. 72 page illustrated catalog free. Write today. National Stamping & Electric Works, 416 S. Clinton St., Chicago, U.S.A.

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Better light from your old kerosene (coal oil) lamps and lanterns than from electricity or gas. Our great WHITE FLAME BURNER fits any lamp, gasifies the oil and develops a brilliant, white, 32 candle power light from a one inch wick, and never smokes. NO MANTLE TO BREAK. Nothing to get out of order. Safe and reliable.
AGENTS WANTED RED HOT Seller. Sample, postpaid, 25 CENTS. stamps or silver. MONEY BACK IF NOT SATISFACTORY
WHITE FLAME LIGHT CO., 5 CANAL STREET, GRAND RAPIDS, MICHIGAN.

THE "BEST" LIGHT

Gives 300 candle power. Casts no shadow. Costs 2 cents per week. Makes and burns its own gas. Over 200 styles. Every lamp warranted. No dirt. No odor. No grease. Agents wanted. Write for catalog, now.
THE BEST LIGHT CO.
420 E. 5th St., Canton, O.

LIGHT UP!

You can transform any kerosene (coal oil) lamp or lantern into dazzling brilliancy with a WHITE LIGHT BURNER. 50 candle power invisible and unbreakable STEEL MANTLE. Positively will not smoke or flicker. Brighter than electricity, better than gas or gasoline. Absolutely safe
AGENTS Get a sample and particulars quick! Price postpaid 35 cents. 3 for one dollar. Money back if not satisfactory.
Bright Light Co., 142 Julia St. Grand Rapids, Mich.


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Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Cures scalp diseases & hair falling. 50c, and $1.00 at Druggists

X-RAY KATHODOSCOPE. Latest pocket curiosity Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver **Alden & Co., 2008 Hoyt Ave., Indianapolis**

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Size of a postage stamp. Reproduced with illustrations, etc. A great novelty and said to be a Lucky Charm and bring Good Luck to the wearer. Only 10c; 3 for 25c.
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REQUEST ADVERTISERS WANT TO Know in what Paper you saw Them. Therefore We TO Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers. their Advertisement **READERS.**



CONFIDENCE IN THE CHILDREN

PARENTS do not often enough express confidence in their children. The father and mother are all in all to the little ones, or should be, and even after the children are large enough to see other fathers and mothers and make comparisons, there should be nothing to make them wish for a change.

Parents would be greatly hurt if they knew their children believed the parents of other children better than their own, and yet it is a fact that parents seldom speak as kindly and as courteously and as politely to their own children as they do to visiting children. The home folks are all so matter-of-course that it seems to make no difference how we speak to them. But it does make a difference, the greatest difference in the world. Young people like to be kindly spoken to, most of all by their parents. We have known children, half grown young people who were literally starving for a kind word, or a word of approval. Nothing would stimulate them to greater effort than to know that their parents are proud of them. Why in the world not say it?

And let the children know you have confidence in them. It will make them stronger in temptation, and better everywhere. If they know Pa and Ma trust them it will be a hard matter for any other power to win them away.

CONTROL THE NERVES

SOME people, women in particular, do not know how to control their nerves. They are restless and fidgety, always worrying about something; become excited over their work, have a constant fear that it may not turn out well, or that something may not be done that should be, and are always looking for some mishap.

Such people wear themselves out long before their time, and do not accomplish so much as do those who are more deliberate and control themselves better. The inordinate restlessness, or nervousness, as many prefer to call it, may have been born with those who have it; but even in such cases as that will-power may do much to overcome it. Determine that you will take things coolly, unconcernedly. If things go a little wrong, you can't help it; take it easy. Give yourself plenty of time in which to do things, and then do them calmly, with your mind on something cheerful. If you begin to feel tired and the restlessness seems to be coming on, sit down, or lie down, or go into another room or into the yard and take up some other sort of work for a few minutes. We agree that certain things need to be done at certain times, but even these pressing duties may be varied. Good housekeeping is all right, is quite necessary, in fact, but a good nervous system is much better, and that is the thing to take care of. Educate yourself out of the fidgits, and live a long time and be happy; and make everybody happy you are with. Our statesmen are busy these days talking about conservation. It is a good thing for us all to think about. Conserve the forces, particularly the physical and nervous forces.

Knew It Instantly

Taking a walk in Washington City: "That is certainly the poorest looking garden and truck patch I ever saw. Do you know whose it is?

Native—"Oh, yes; that belongs to one of the experts of the agricultural department.

"Children Teething"
Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

LIGHT AND THE BABY

WE GROWNUPS revel in the light, but the baby don't. Ordinary light is new and dazzling to its tender eyes. If very young the light in its room should be a subdued light. This is grateful to the mother at that period as it is to the baby. Who knows but a wise creator made the mother's eyes easily dazzled when the baby is very young to save the little one's eyes from being injured by too bright a light? Sunshine is needed in the mother's and baby's room, but it should be admitted through something that will tone it down.

After the baby is old enough to be carried from room to room, too bright a light still hurts its eyes. Don't be afraid for it to get in the sunshine, but do not allow the sun to shine directly in its eyes. A few days ago we saw a little toddler get where the sun could shine full in tts face. Its squinting and grimaces showed it was in actual torture.

Parents are not thoughtful enough. Often have we seen a baby placed on its back in a trough-like perambulator or baby buggy, so deep and well padded that it could not even squirm; then loaded down with clothing or wraps, or actually strapped down so that it could lift neither hand nor foot, or scarcely turn its head. In this condition, we have seen babies wheeled about for hours, much of the time with glaring sunshine directly in their faces. This was supreme cruelty, and it was endangering the most precious organ of the organ of sight.

Almost equal care should be taken concerning artificial light. Brilliant artificial light is almost as painful and dangerous to the young and tender eye as is the light of the sun. Tender objects should have tender care, and they should always be kept on the safe side of every condition.

TAKE CARE OF THE TEETH

WE FEEL very sure that, in our younger days, children had no trouble with their teeth except when shedding their baby teeth to make room for the permanent ones. Permanent, though, is a somewhat doubtful word to apply to teeth, for it is nothing unusual now to see small children crying with the toothache, and many have lost their teeth or have not a few decayed ones before they have passed their teens.

We shall not venture a reason for this change, but an eminent dental authority says more people lose their teeth from neglecting thorough cleansing than from any other cause. If the teeth are to be kept in good condition they should be cleaned after every meal, and always before going to bed. It is a good plan, he says, to rinse the mouth with a little salt in water morning and evening. This helps to keep the gums healthy, and, as a rule, healthy gums means healthy teeth.

The proper way to clean the teeth is not from side to side, as most persons do, but up and down. The upper teeth should be brushed from the gums downward, and the lower teeth from the gums upward. Particular attention should be given to the back or inside of the teeth, as it is there that foreign substances are most apt to accumulate. The toothbrush should not be hard; stiff bristles may injure the gums or the enamel of the teeth. And it is not necessary to use tooth powder at every cleansing; a little warm water, sometimes with a little table salt in it, may be made very effective. Should a cavity appear have it filled at once.

OUR PHOTOGRAPHIC DEPARTMENT

THE photographing corps for Up-to-Date Farming has moved from Nebraska to Dallas and Madison counties, Iowa. Eight men are making pictures of farm homes, stock and rural features, and soliciting subscriptions for Up-to-Date Farming. Their names are P. J. Swanson, foreman; C. E. Black, C. C. Dawson, P. C. Harvey, Ross Morris, John Leffering, Joe Burbarger and B. A. Watkins. Should any of the above gentlemen call on you, your permission to make a picture of your home will be appreciated by the manager of this departciated b ythe manager of this department, Mr. H. H. Church, Des Moines, Iowa.

If you want to save money on a piano send to the Galesburg Piano Co., 120 South Cherry St., Galesburg, Ill., for their money-saving proposition. Pay for a piano a little each month.

Too Far Around

"I jist can't wash and iron for Miss Portly no mo."

"Why, what'll she do? You've done her washing and ironing for ten years."

"I do' know what she'll do, but I'd as soon go round de worl' as to iron one ob her skirts."

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TEACH your dollars to give you their utmost. Send them where the return to you will be greatest—where the quality of the merchandise is highest and the prices lowest. Send them to MACY'S, in NEW YORK, the merchandise centre of America, where you will get more for your money than ever before. The key to the bank of economy will be found in our big free 636 page Catalog. Send for it to-day and learn of our wonderfully low prices on every possible need for man, woman or child. Our new policy of prepaying delivery charges on thousands of articles saves you money in transportation as well as in the cost. Write for the big Catalog to-day and it will be sent free and postpaid by return mail.
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4789—LADIES' SHIRTWAIST.—Cut in six sizes, 32 to 42 inches bust measure. For 36 bust it requires 3½ yards of 27 inches wide. Price 10 cents.

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1584—BOYS' BLOUSE—Ten sizes, 3 to 12 years. For 8 years it requires 1⅞ yards 36 inches wide. Price 10 cents.

4295—LADIES' KITCHEN APRON.—Four sizes, 32, 36, 40 and 44 inches bust measure. For bust it requires 3¾ yards 27 inches wide. Price 10 cents.

5002—LADIES' ONEPIECE CLOSED DRAWERS.—Six sizes, 22 to 32 inches waist measure. For 24 waist it requires 2 yards of 36-inch material. Price 10 cents.

5398—LADIES' TWO-PIECE SKIRT WITH SIDE PANELS—Cut in 5 sizes, 22 to 30 inches waist measure. Size 24 measures 3¾ yards around lower edge and requires 2⅝ yards of 50-inch material. Price 10 cents.

4653—LADIES' YOKE WAIST—Six sizes, 32 to 42 inches, bust measure. Size 36 requires 4 yards of 24-inch material, with 1 yard of 18-inch allover. Price 10 cents.

5399—LADIES' 26-INCH LENGTH COAT—Cut in 6 sizes, 32 to 42 inches, bust measure. Size 36 requires 2¼ yards of 44-inch material. Price 10 cents.

4563—GIRLS' DRESS WITH GUIMPE—Four sizes, 6 to 12 years. For 8 years it requires 2¾ yards, 36 inches wide, 2½ yards of insertion; ⅜ yard 36 inches wide, with ½ yard allover 18 inches wide, for guimpe. Price 10 cents.

5392—LADIES' PLAITED SKIRT, joined to five gored yoke—Cut in 5 sizes, 22 to 30 inches, waist measure. Size 24 measures 4 yards around lower edge and requires 5⅝ yards of 36 inch bordered goods. Price 10 cents.

5401—BOYS' SUIT, including cap—Cut in sizes 6, 8, 10 and 12 years. Age 8 requires 2⅞ yards of 50-inch material for suit, and ¼ yard of 27-inch goods for cap. Price 10 cents.

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UP-TO-DATE FARMING
Indianapolis, Ind.

Not Much Difference

Ocean Bathing Girl—I put my bathing suit away in camphor, but it evaporated.
Second Girl—Goodness; suppose it had done that when you had it on!

Not By Himself

"I'se a preacher, sah."
"You do not mean that you are a preacher of the Gospel?"
"Not exactly; I touches that subject very lightly, sah.

Doubt as to Which Was Quickest

"So lightning struck Quicker's automobile yesterday?"
"That is a question. Some say the automobile struck the lightning."

Cause for Quarrel

"My wife and I had another quarrel yesterday."
"Why, what in the world did you quarrel about?"
"About where we would go if we had money enough to go anywhere."

In a Bad Fix

Tramp—Really, misses, I have not where to lay my head.
Misses—Well, we don't keep any head rests here.

The Oldest

"What makes you limp so, my child?"
"My toe is so sore, mamma."
"Which toe is it, my dear?"
"My eldest toe, mamma."

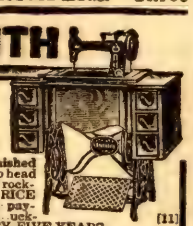
Sure Enough

In what way do we treat a hog different from any other animal on earth?
We cure him after we kill him.

EASY TO ARRANGE

Young lady Sunday school teacher to very small boy—So your mamma did not come to the ice cream supper last night.
Small Boy—No, she said she'd rather stay at home with me.
Sunday School Teacher, wishing to be specially pleasant.—Well, I don't blame her. If I had a nice little boy like you I'd rather stay at home too.
Small Boy, quickly.—Why don't you send and get one then? I'll tell Dr. Johnson to bring you the next one he finds if you want me to.

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Latest model, with perfect silver finished attachments, ball bearing stand, drop head and patent lift, may now be yours at rock-bottom DIRECT-FROM-FACTORY RICE Saves you $25 to $35. Easiest possibl pay-ments to suit your convenience. The uck-ley is GUARANTEED FOR TWENTY-FIVE YEARS. (11)

30 Days' Free Trial Get this famous old reliable Buckley Sewing Machine. *Use it 30 days free in your own home.* Put it to every conceivable test. The Buckley is the one perfect machine. Prove to your own satis-faction that you can't buy a better one at double the price. Then, after 30 days; if you find you can't get along without the Buckley, merely send us $1 a month. No intere t on payments. *Get my Free Book.* Send a postal today. I will forward my cata-log and special free proposition without expense or obligation.

M. W. Buckley, Mgr., Dept. 71 A 59 E. Van Buren St., Chicago

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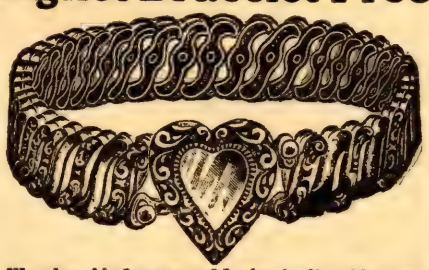


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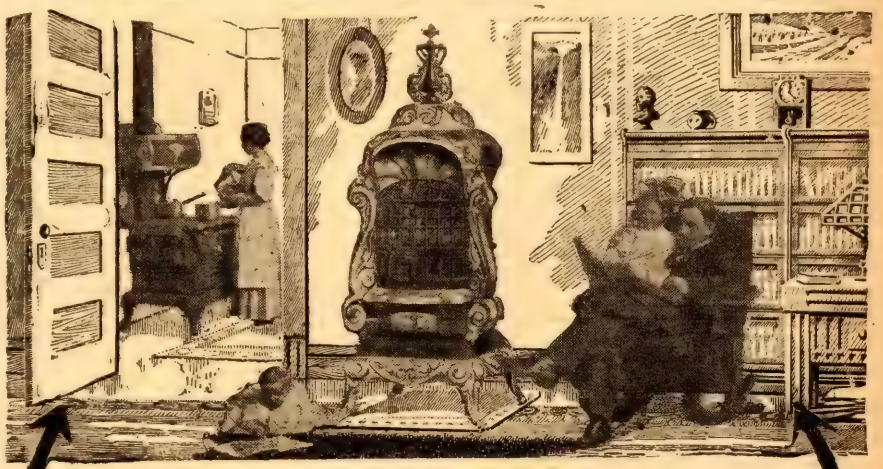
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A. Seitz, Dept. 62 A, 152 West Adams St., Chicago.





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No matter what your heating problem may may be, you will find a **Jewel Stove** to meet it. Over 100 styles, sizes and prices to choose from.

And every stove of one quality—the best.

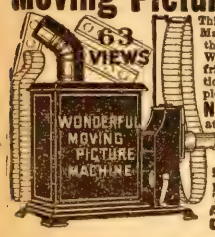
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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

WE GIVE a cheerful November greeting to our army of nearly fifteen hundred Cadet writers, who are now welcoming the autumn beauties, maturities and somber emblems of sadness. But how different writers! These bright young people are in all the states and almost all countries and all climes. Some are looking across broad praries this morning, and some are in the shadows of rugged mountains. Some are in forests with tinted leaves, others in vast stretches of evergreen. Some are on gently flowing streams and rivers, others on great lakes and the vast ocean. But all are friends of Equity, and will some day see vastly different trade conditions in this country, a consummation they themselves will help to bring about. As usual, we are proud of the letters we are able to print in these columns.

DEAR CADETS: We have several large ranches in this part of the country, and plenty of fine cowboys and some of the prettiest cowgirls in the world. We have all kinds of country—prairie, timber, rock hills, and fine streams of water. This year we have the best cotton in Texas, but the crop is about three weeks late. We also have the best corn in the country, but I can not say we shall still be blessed with the rains as we need them. I would like to go even further into the "wild and wooly west" of Texas. I will answer all correspondence I can from the Cadets.—Albert Hafer, Westfield, Texas.

DEAR CADETS: My father has taken Up-to-Date for a good many years, and I enjoy reading the Cadet letters and other interesting things it contains. My father is F. S. E. organizer for Otsego county, and he is now starting locals in different vicinities. I am 17, and will be glad to answer all postals received from the Cadets.—Waona Baxter, Fort Plain, N. Y.

DEAR CADETS: Will you admit a girl from the "show me" state? I live two and one-half miles from Jackson, the county seat, a city of 2,000 inhabitants. We have telephone lines and free delivery all over the country. I am 16 years of age, and have a sister and a brother, both older than myself. My sister and I keep house, and have done so since our mother died, seven years ago. I go to the Evangelical church, and am a member of the young people's society. We have a program every first Sunday in the month. About half a mile from where we live stands an old M. E. church, the first church built on this side of the Mississippi river.

My father owns 206 acres of land, 19 head of horses and mules and 85 hogs. He has taken Up-to-Date for nearly eight years, and we all think it is a fine paper. I enjoy reading the Cadet page very much, and I hope this letter will make me a Cadet.—Vera Phillips, Jackson, Mo.

DEAR CADETS: As I have been a subscriber for Up-to-Date for about two years, I would like now to thank the Cadets for the interesting letters they have written. I am 18 years old, and live with my parents on our 700-acre mountain farm. We are two miles from our nearest town, Falls City. We have six large fish ponds, the largest covering one and a half acres. It has a row of small sprinklers down through the center and is very pretty. There are 29,000 rainbow trout in it. The other ponds are all stocked with rainbow and black spotted trout. Some are 30 inches long. We expect to sell five tons of fish to Portland hotels this Christmas. Nearly every Sunday there are from 75 to 100 people up to see our fish and last Sunday there were nine automobiles up here. I wish you Cadets could all come to see me. I know you would have a lovely time. I would take you for a spin in our auto. I love music and can play pretty well on the harp, violin and banjo, as well as on our organ, which is of the make that took the prize at the Chicago World's Fair. I have a revolver and rifle, and go hunting quite a bit, but Cadets, believe me, I never kill much game, for I won't kill the birds or deer, and wildcats are not very plentiful though I have killed two this summer. I love to hunt mean animals that kill our goats, of which we have only 300 head, and that leaves us none to spare for wild beasts. We have one large buggy horse, and two cows, two pigs and about 100 chickens. I love farming, and can help a great deal out of doors—can milk cows and attend to all kinds of stock. I would like to exchange cards or letters with any of the Cadet boys or girls, near my age or older, and I will answer all cards or letters received.—Orva Pearl Teal, Dallas, Ore.

DEAR CADETS: I have just finished reading the Cadet page and feel much interested in this department. As soon as we get the paper I turn to the letters and read them first. I am 17 years of age, and have lived on this farm all my life. It is a farm of 240 acres. We raised quite a few chickens this year, some over 500; but we have only 11 ducks and no geese or turkeys. We milk nine cows just now, and each gives a pail full of milk. We have a gasoline engine to separate, churn, and wash with. It is a nice thing to have. We have 10 horses and one colt and two mules. Hoping to hear from some of the Cadets, and promising to answer all correspondence.—Lottie Nagel, Doon, Ia.

DEAR CADETS: May I become a Cadet and share your uage with you? I am not a farmer boy, but I mean to become one when I am married. I am 19 years old and a great lover of flowers; but who isn't? How many of the Cadets would like to exchange flower seeds with me? Don't you think it would be nice to have flowers from several different states? What does our editor think of it? I would like to receive a photo postal of each of the Cadets, or a view of their locality. I will answer all letters of cards, and will exchange flower seeds with all who wish.—Charles Streb, N. S. Pittsburg, Pa., Gen. Del.

I think that exchange of flower seeds an excellent idea. It would distribute and test our native flowers, and might lead to some rare developments.

been longing to become one of your number, but, being rather timid I couldn't get courage to write until now. I think Up-to-Date one of the finest farm papers published; but I always turn to the Cadet page first, I enjoy reading the letters so much. I live in the good old state of Virginia, the mother of presidents. I am 18 years of age, and would like to exchange cards with the Cadets—scenes and views preferred.—Grace Pugh, Grant, Va.

DEAR CADETS: I am a farmer, and have 100 acres two miles northeast of Shawnee. I have two horses, six cows, four calves and 100 chickens. I am a bachelor, and my father and mother and sister live with me. I think this is a fine country to live in. Shawnee has two state schools. We raise corn, cotton, potatoes and alfalfa, and all kinds of fruit. I am a member of the Society of Equity, and take Up-to-Date Farming. I enjoy reading the Cadet letters, and would like to exchange cards or letters with the Cadets.—James T. English, Shawnee, Okla.

DEAR CADETS: I am a young girl of 19 years, and live with my father and mother, and a brother who has charge of the farm. We own 40 acres of land, and it is half under cultivation. We raise hay, grain, potatoes and fruit, our favorite crop being strawberries, of which we have an acre to harvest every year. We have two horses, 13 head of cattle and 35 chickens. My brother takes Up-to-Date, and would not do without it. We are trying to get our neighbors to subscribe for it by letting them read it after we have read it. I like to read the Cadet letters because they come from every state. I can do all kinds of housework, and mother leaves the cooking for me, and I am quite handy in that line. I would like to hear from the Cadets near my age.—Anna Lundweler, Manistique, Mich.

DEAR CADETS: I am a Maryland lad, 19 years old, and my brother, who is 23, is a candidate for the House of Delegates this year. We live in a beautiful village, situated on an excellent pike, and only eight miles from Washington. The land is very fertile, and owing to convenience to market, farmers are mostly prosperous. We have been taking this excellent paper for several years. We are also subscribers for other farm papers, but none will take the place of Up-to-Date. I take great interest in reading the Cadet letters, and would like to correspond with the Cadets.—Wilbur Parsby, Silver Springs, Md.

DEAR CADETS: My friend, Miss Hazel Shelden, who has been visiting me, is a subscriber to Up-to-Date Farming, and I have become so interested in the paper that I am herewith forwarding my subscription. My father owns a 100-acre farm a mile north of St. Louis, Mich., and has a man renting it by the year; he gets one-half the produce. St. Louis has 3,000 inhabitants, and is eight miles from Ithaca, the county seat. It is noted for its magnetic mineral water, and people come from all over the world to take treatment at the Park sanitarium. I will be glad to answer all cards or letters from the Cadets.—Eva Yeasting, St. Louis, Mich.

The following are writers whose letters were unavoidable crowded out:

Myrtie A. Benton, Lake Shore Park, N. H.	14
Celia M. Barton, Crystal Spring, Pa.	
Fred Pittman, Eldorado, Ill.	21
Isabel Charlson, Cement, Okla.	18
Gladys Merrill, Saranac, Mich.	13
Gertrude Ellis, Griffin, Ga.	11
Menno I. Hershberger, Burton, Ohio	13
Ona Kerns, Nugent, Texas	20
W. H. R. Tribolet, Mt. Holly, N. J.	23
Ammorine Woodruff, Peoria, Ill.	18
Andrew Dralson, Antigo, Wis.	14
Nettie Wilson, Culver, Oregon	13
Hazel Sheldon, St. Louis, Mich.	

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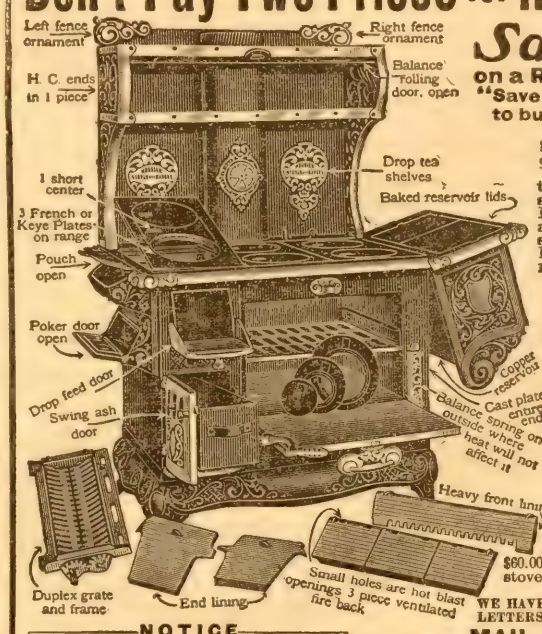
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TRAPPING and HUNTING
FOR PLEASURE AND PROFIT

WHEN PEOPLE MAY HUNT

THE Department of Agriculture "looks after" everything. In a recent circular considerable information is given as to the legal time for hunting game in various states of the Union.

October seems to be the opening of the most important hunting seasons in the United States. It is the time for hunting deer, ruffled grouse, and woodcock in the majority of states where such game abounds, and also of duck shooting, though many states begin duck shooting in September, but two of them, Maryland and North Carolina, do not permit it until November. The principal deer hunting states in the north are Maine, New York, Michigan, Wisconsin and Minnesota. In Maine the season opens on the first of October, in Michigan on the 15th, and in Minnesota and Wisconsin on November 10th and 11th, respectively. The Michigan season closes at the end of November, and thus appears to be nearly four weeks longer than those of Wisconsin and Minnesota, which close at the same time, but as the life of a Michigan deer license is limited to twenty-five days, there is no practical difference in the season in these states. New Hampshire opens its deer season October 1, while Vermont's does not open until November 15, but New York's opened September 16.

In the South Louisiana, which probably furnishes the best deer hunting, opens its season on October 1, and the same is true of Montana, one of the chief deer hunting states of the west.

Of the states where the best ruffled grouse or partridge shooting may be had, a majority open the season in October. In New Hampshire, New York and Minnesota shooting begins on the first, in Massachusetts and Michigan on the 15th. As Maine, Vermont and Wisconsin opened their season in September, it is now lawful to hunt ruffled grouse anywhere along the northern border. Pennsylvania is the only important ruffled grouse state that delays the opening of its season to November.

Ducking begins in October on the shores of Long Island, and in the waters and marshes of Virginia, Louisiana, California, Oregon, Utah, Colorado, and Michigan.

Quail shooting generally does not begin until November, except in the west, where California and Oregon permit hunting after the middle of October.

COON CHATTER

ABOUT 8 o'clock, November 22, 1910, Bill Simonds came whistling into our yard, and stamped on the back porch. "Hain't got time to come in here," he said, "Come on for a nice mess of coons tonight," It was cloudy and dark, as we went over the hill with Bob and Jim, our two dogs. A light snow was on the ground, so that we could see fairly well.

On a log we sat for about a half hour, and about the time we began to get a little chilled, heard old Bob baying over in Carson White's woods. About twenty minutes' walk brought us to the scene of action. Up a little sapling about ten feet from the ground sat a medium sized coon. I shook the bush while Bill stood with a club ready to strike. I shook him about ten feet away, but before he was on his feet old Bob was shaking his life out.

Before we had him finished, Jim signaled about a quarter of a mile over to the left, and away we went.

Here we had to use the ax, for the coon was up a good big tree. Bill started, and soon had it creaking. That coon put up a lovely fight, and didn't give up until he had slashed Jim's ear pretty badly. He was a whopper.

Here was a wait of about an hour, until we heard Jim again, this time only about a couple of hundred yards back of us. This was another large coon up an old snag. Jim was plumb crazy trying to get to him. I started to chop it down, but about the third lick it tumbled over and Bill hit him before he could run. Even then he put up a pretty fair tussel. That seemed to be the end of the night, for we waited about an hour longer, but no signs of anything doing. Old Bob came running in and we started home. It was a pretty fair catch for one night and I, for one, was satisfied.—Henry Smithers, Darke Co., O.

A LETTER FROM MISSOURI

I SUBSCRIBED for Up-to-Date Farming last year, because of the Trapper's column that appeared each issue. It's the only farm paper I know of that gives so much attention to the business, and it's strange, too, for nearly every one around here traps each winter.

I ran a line of traps, about two dozen, along Turkey Run, here last year, and shipped to a fur dealer whose advertisement I saw. I got $35.40 for my furs and was well pleased.

I have already gotten my traps out for this year. I have now one dozen No. 1 Newhouse, one dozen No. 1 1-2 Onieda Jump Traps, three No. 2. Newhouse, and six No. 0 Victor, thirty-three altogether. I like the Oneida and Victor, but for all around service, give me the Newhouse everytime.

Furbearers are about as thick as last year except for mink and they are mighty few. I'm going for muskrats this season.—Arthur Devore, Barton Co., Mo.

Post Cards Free to Trappers

IT IS our desire to make this department one of interest to every farmer boy and every one interested in trapping. To do this we need the help of each of you who read this article. We want contributions from you, telling of your experience on the trap line. To each person writing a letter suitable for publication, sending a photograph or drawing that we can use in this department we will send a surprise package of beautiful post cards,

These are printed on high-class stock in many colors, and in the package you will find one for every occasion—birthdays, greetings, etc. These cards regularly sell at the rate of two for five cents, but you can secure the set free for a contribution to this department.

Tell us about your catch last season, of any special ways you have of trapping, and of special sets you use. If you have photos of traps, animals caught, scenes along your trapping line, or anything of that nature, send it in.

This offer is limited, so get down your pencil and paper right now, while you are thinking about it, and let us hear from you. Address Trapping Editor, Up-to-Date Farming, and state you want the cards.

We've Tried It

What is the difference between a hill and a pill?
One is hard to get up and the other is hard to get down.

Sure Enough

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Slang Goes

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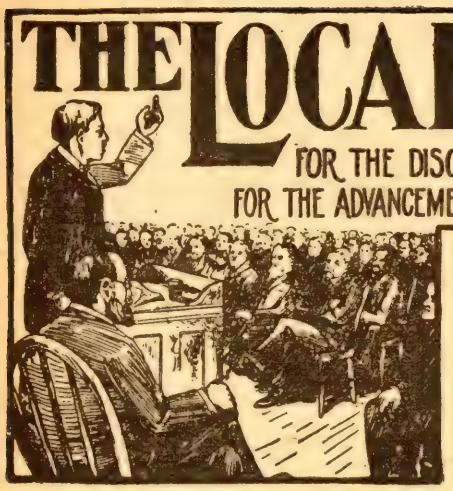
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THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union of the F. S. E.

Whenever a reader of UP-TO-DATE FARMING reaches that condition of mind that he believes the farmers of his community should do more of their own business of selling and buying, instead of paying an enormous price to have it done by middlemen, he should take steps to organize a local union of the Farmers Society of Equity. A local union is wanted at every market town and city. This is a *business* organization and the local union headquarters must be where the business is done, not at school houses.

The first step will be to interest nine or more of your neighbors with you (ten is the least number that may organize a local union). When you have ten or more names write to headquarters—Farmers Society of Equity, Indianapolis, Ind.—for full instructions, blanks, etc. But don't stop canvassing for names of *charter members.* Get all you can. Numbers inspire confidence and the benefits you will get from your union will largely be in proportion to the number of members.

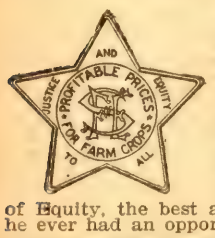
When you get instructions from headquarters you can call the meeting and organize any time. This is done by electing the officers—a president, a vice-president and a secretary treasurer—and giving the first degree—"Lesson on Co-Operation"—which is not secret, but may be given in a public meeting of the members. But this will be explained in the instructions.

The Membership Fee

is $2.00, which must be apportioned as follows: Where the organization is effected without the assistance of an organizer, put 20 cents in the local union treasury for general expenses, and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year; 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The new organization must be reported to the National Union by the secretary, or organizer. Members may be admitted at any meeting and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply necessary blanks.)

The Emblem



of the Farmers Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of justice and equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

The process of building a co-operative farmers' society is fittingly exemplified in the following verse.

"Heaven is not reached by a single bound;
But we build the ladder by which we rise
From the lowly earth to the vaulted skies,
And we mount to the summit round by round."

—o—

It is only thus, recruit after recruit, local union after local union, that the great Farmers Society of Equity can be built. And the strength of the whole organization, when completed will be merely the combined strength of the local unions.

—o—

Over two hundred organizers are at work in as many localities. Gradually they are sowing the seed and organization is taking form. But we want more seed sown in more localities. We want the work started in every community in the country at once.

—o—

UP-TO-DATE FARMING circulates in nearly every county in the country. If only one present reader in each county, or in each community of a county where it circulates would take it upon himself to establish a local union, no finite mind could conceive of the blessings that would flow to farmers, and to all people in the country, in a short year.

—o—

Believing that there are a great many readers who have an earnest desire to reap the benefits that can come only through co-operation by farmers we have printed instructions, "How to organize a local union of the F. S. E." in the first column on this page. Read it.

—o—

Farmers must organize locally, first, and then they become connected up nationally. They must first seek and secure local benefits and almost before we are aware of it the local unions and the official paper that always goes ahead of organization will exert such an influence and power on the markets that the national benefits—price-making and directed marketing—will be multiplied times the local benefits.

—o—

So the plan of the society provides for local benefits first and it should be the aim of the commissioned organizer and the man or woman who wants to organize a local union at his or her market town, to clearly show how the Farmers Society of Equity local union will give immediate benefits to the members.

—o—

To help all such we print here some excerpts from an address by the National President delivered to the Advance (Ind.) local union recently. We recommend that these, or similar arguments be used whenever a meeting is assembled for the purpose of organizing. The excerpts follow:

—o—

On your farms you see the wonders of nature wrought every day. Your eyes are the beholders of the great miracles of modern times. You go forth in the spring of the year with a handful of seed and you garner in the autumn a harvest of plenty that is eagerly awaited by an ever hungry world. Verily I say unto you that you have been taught, and have learned from long experience the secrets of production. Never, within the recollection of men who live now, have the farmers of this country failed in their duty to produce enough to feed our people and dependant animals, and great quantities to send to foreign countries. And your success in producing is greater now than ever before.

—o—

Thus you have done your duty to your fellow man and your country. How has your fellow man and your country done for you? Have you had the same satisfaction in marketing your crops as you enjoyed in producing them? While you were preparing the ground and sowing the seed and cultivating and harvesting you were supreme. No person assumed to dictate to you what you should plant, how you should cultivate, or how you should harvest. But did not your independence end when you harvested your crop and put it in condition for the hungry world to use? If you speak the truth you will say, "Yes." You were free and independent men as far as working harder than any other class of people on earth, but when the hard work was done your independence ended. Isn't this true? When you hauled a load of your fine corn, or oats, or wheat you did not go with the freedom and independence you exhibited when you decided last spring that you would sow this field to oats; that one to corn, or leave that other one for pasture. On the contrary you knew that you would have nothing to say in the next step.

—o—

So when you arrived in this town, or the neighboring cities, you meekly drove up to the elevator, or the store, or stock buyer's office and said, "What are you paying today?" and you were given the price.

—o—

Now, do you know where that price was made?" I will tell you.

—o—

If you sold grain, the price was made on the Chicago Board of Trade; if it was hogs or cattle the price was dictated from the Chicago Stock Yards; if it was butter or eggs the price was based on the Chicago Butter and Egg Board quotations; if it was fruit you were probably told that the crop was so large that there was no market for it.

—o—

Isn't this all true?

—o—

The question can not help but come up: "Why is it that we farmers who produce the most necessary goods of all the producers of the earth, have always taken prices made by others?

You see that when you go to buy a machine, or a suit of clothes, or a piece of furniture, or even a sack of flour, or bag of feed made from your own grain, that you never get an opportunity to name the price, but the *seller* always does that. Why this difference?

—o—

You know that you could do without the suit of clothes, the machine, or the piece of furniture for a while, or all the time, but you also know that you could not do without the flour, or your animals without the feed for a single day. And it is the same with all the other people and domestic animals off of the farms. They must have *what you produce every day.* If the consumers of your products could not get them even for a day it would disturb the regular order of things more than anything else that you can conceive of; and if they could not get them for a week a cataclysm would sweep over the country that would disturb, if not disrupt, all economic conditions.

Why this difference between your selling and the other man's selling?

—o—

The man you buy from is in an organization, or down the line somewhere the commodities he handles are controlled in marketing, prices are set by an organization and he, as an agent, finds it necessary, or is obliged to demand a certain price. The manufacturers of farm machinery do not consider their work done when they make the machines; but they have found out where the demand is and how much it is, and they send the machines there. Just enough of them and no more. Or, if too many are sent, the surplus is held off the market. The coal mine operators do not mine the coal and then load it on a miscellaneous lot of cars and let the railroad haul them indiscriminately to all parts of the country, or largely to one market. No, they have a system. *They* know that their work is not half done when they have the coal out of the mine. So they are even more careful to control the supply and direct it to the markets where the demand is waiting for it. This system enables them to put prices up any day they want to, but the buyer never has any power to put the price down. You know this is true, too.

—o—

And so I might cite illustrations all along the line. Every person you have any dealings with from the hired man to the banker who lends you money tells you the price for the service, or the article, or the rate of interest.

—o—

But did you ever think about it, that the other people don't often come out to your farm and ask you what you will take for your crops and pay your price and haul the goods away themselves, notwithstanding that you have the only goods that are absolutely necessary for the comforts of the people and even all life depends on them.

—o—

The reason is that you don't do your marketing like other people do theirs.

You have the food for all the people for a whole year but you don't exercise as much judgment about dealing it out to them as you do in feeding your hogs.

To illustrate: You know that it takes about fifteen bushels of corn to fatten a hog. Now, you don't take fifteen bushels of corn and throw it in the feed lot and say: "There, hog, get fat!" Not on your life you don't, but you feed a small portion of the fifteen bushels three times a day, as the hog needs it. Your grain is conserved and by and bye, you have a nice, fat hog.

—o—

Human beings can no more eat a year's supply of food in a month or two than the hog can eat enough in one day to get fat. You control your produce when you feed the hogs, but when it comes to feeding the nation of human beings and the millions of dependent animals off of the farms you have been dumping a year's supply in a month or two. Witness the enormous *visible supplies* of your crops in the elevators and warehouses of speculators. The faster you dumped the larger grew the visible supplies and the lower went the prices. You who are in the habit of reading the market reports know that when the "receipts are large" the price goes down, but when the "receipts are small," the price goes up. Invariably this is just the way the market behaves. That is, the marketing of any crop is watched by representatives of the boards of trade, and on the aggregate the price is fixed. If farmers are marketing freely, they say: "Well, we'll put the price down and buy it cheaper." But if the farmers are stingy about marketing they put the price up to tempt the crops out of their hands.

—o—

Will not farmers learn a lesson from this? You know that the other people *must have your stuff.* Therefore, if they can't get it at their prices, they will pay your prices. Nothing in human probabilities is more certain. Really, farmers shortsightedness has been to blame for all the uncertainty about prices and low prices in the past; they have been furnishing the boards of trade with the chips with which they carried on their gambling game. Farmers have always made the conditions that permitted gambling and they can just as certainly produce a condition that will make gambling in farm crops as impossible as it is in gold dollars, self-binders, or air and water.

—o—

The way is to have a known price and sell only at that price. Let the price be reasonable and all your crops will be taken.

—o—

I don't often tell stories, but I am going to tell one now:

Once there was a negro couple who were very much in love with each other. Naturally the colored man had the habit of going to see his sweetheart once in a while, and she always sat on his lap. The colored lady weighed about two hundred and fifty pounds. Once, after sitting on his lap two

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hours, she said to him: "Honey, is you tired?"

He said: "No, I ain't tired now. I was tired, but I am just numb now."

—o—

If the farmers of this community have not gone into a condition of complete numbness, where they can't feel the hurt of the injury and injustice of the old marketing system, I will expect them to arouse and end it forever.

—o—

What you need is a *new system of marketing.*

—o—

The system must include the control of your crops in your own possession until the real demand from the consumers seeks them.

—o—

Of course, it will take some time to establish such a system completely over the country. In the meantime you must do your business in such a way that everything will tend toward completing the system.

—o—

To establish the new system for agriculture requires organization and co-operation. You can't get away from this. Every industry, whether in this country or any other country, that is definite in marketing and for prices, is organized and the units co-operate.

—o—

So *organization* and *co-operation* and *a business system* are the essential things with farmers, as they have been for every other business that is definite for profits today. These are the things you want to know about and to explain the Farmers Society of Equity organization, system and co-operation, I came to your meeting tonight.

—o—

A noted woman was once asked for a recipe by which a wife could hold her husband's love. She said "Feed the brute." I will state my plan to make this society permanent as tersely in these three words: "Make it pay." I realize that *it must pay* to be a member or the society can never be completed. It does pay, or can be made to pay any farmer to be a member of a local union, no matter where it is. And the more local unions there are the greater will be the benefits to each member.

—o—

The benefits that this local may enjoy at once are more money for what is sold and lower prices on what is bought. It is entirely practical to market every bit of produce through the local union. Also it is just as practical to buy every thing you need on the farm or in the farm home through your union. This does not mean that you shall boycott the local merchants or your elevator man. But when you are organized and your selling and buying are done on a large scale, you are entitled to better terms and rates and you can demand them and get them. For instance, if you do not get satisfaction from your grain dealer in grades, weights, docking or prices, go to him and tell him what you want and if you don't get it, ship to the final markets yourself. Our *system* makes this entirely practical. We have now two hundred and seventy-two representatives on one hundred and two of the biggest markets of the country ready to co-operate with you. For $200 to $300 you can buy a portable steel elevator that will load your grain in the cars and make you independent of the old elevator. If your local merchants will not sell you coal, feed, seeds, machines and other supplies at what you consider equitable prices, for the quantities your union buys, you can buy from wholesalers or the manufacturers as cheaply as any dealer can. Organized, and selling and buying co-operatively you can make and save on all your business transactions.

—o—

In the Farmers Society of Equity everything is subordinate to selling at profitable prices. This is the first and great object of our society. Every farmer sells more than he buys, at least he ought to. It is in the selling that you make money if you make any. This vital part of your business was always ignored by former farmers' organizations, but it is the capsheaf of the F. S. E.

—o—

For the sake of an illustration let us assume that your local union will have one hundred members when you begin business. You have fifty-six now and ought to double it in this rich community at once. Now the one hundred members, we will say, have each been selling $2,000 worth of produce a year. Then the total business of selling will be $200,000 a year. If we assume that only 5 per cent. more is received through co-operative selling, which is too low even now, before the society is completed, the extra profit will be $10,000, or $100 per member.

In buying we will assume that the average farmer buys $1,000 worth of supplies a year. (This to include machines for the farm, fertilizers, special feeds, etc., furniture for the house, groceries, coal, etc.) Then the business of buying will amount to $100,000 a year. If a saving of 10 per cent. is effected through co-operative buying in larger quantities, the value of this feature will be $10,000. To the average member it will be $100.

—o—

If my illustration is true; that is, if the local union here will be worth $200 a year to the average member, in selling and buying, it means that one year's benefits will pay the fee to become a member and the dues to maintain the organization for one hundred and thirty-two years.

—o—

Besides selling and buying co-operatively, there are many other ways that a local union may benefit a community. For instance, it makes the ideal condition for co-operation in farm work among neighbors; for hiring help; for protecting property from tresspassers and thieves; for co-operative stock breeding, etc. The women make the local union highly valuable and entertaining in a social way, while helping the husbands and fathers and brothers in their marketing problems. Even the young folks find it a means of getting better acquainted, and any local union can be made a means of much entertainment for them.

—o—

I estimated that one hundred farmers in this community sell $200,000 worth of produce each year and by $100,000 worth of supplies, a total of $300,000 Now can you point to any concern anywhere that does an equal amount of business that does not have its sales and buying organization? You can not cite a single one. Yet the farmers of this community have always produced all they could and then blindly dumped the crops into the speculation hopper. In this way great visible supplies were built up and they were used as clubs to beat down the price on what you and your neighbors had left on the farms.

—o—

Two months dumping usually puts farmers in the dumps for twelve months.

—o—

Dumping must stop.

—o—

Oats of the 1910 crop sold for 30 to 35 cents at Chicago, while the dumpers marketed. The F. S. E. set the minimum price at 47 cents a bushel, published it in its official paper, and told its members to hold and long before the next crop came the market paid 47 cents and above.

—o—

The price of corn was 42 to 45 cents, while the dumpers marketed, but our price was set at 65 cents a bushel and you know corn has been selling at or above this price for several months and the new crop is not in the market yet.

—o—

All the potato dumpers sold out at 25 to 35 cents a bushel, but members of the F. S. E. had our minimum price, 60 cents, before them and they finally sold at the price and some got a dollar or more.

—o—

And the same was true of hay, beans, broomcorn and cotton. The only notable exception where the society's minimum price was not reached was wheat, and that would have sold at $1.20 if it had not been for the threat of free trade with Canada.

—o—

Those farmers who buy any crops must not be frightened at this movement. I will say again, you must make your profit out of what *you* sell. The F. S. E. is for all farmers and for all farm produce. If you must pay good prices for corn, oats and hay to make milk, butter, eggs and poultry you must join the society to force the price of your finished roducts up.

—o—

If railroads need a station every few miles all over the country to make their business certain and profitable, and they do; if manufacturers need a representative in every town and city to sell their goods, and they do; if the great insurance companies find it necessary and profitable to have their agents in every community, and they do; then why should not agriculture, the greatest industry, and the most important one of all, have its own local business organization at each important market town or city, and a representative on every important market, instead of letting other people do all of their business?

—o—

To get an idea of the cost of the old system of marketing consider these figures:

The farm value of the 1910 crops was $9,000,000,000 (United States Department of Agriculture report). Estimating that the farmers consumed one-third on the farms then $6,000,000,000 worth was marketed, for which the consumers paid about $13,000,000,000. Thus the cost of getting the crops from the farm to the consumer was about $7,000,000,000, or one and one-sixth as much as was paid for all your investment and labor to produce them.

—o—

The trouble is the high cost of marketing.

—o—

You have been paying an exhorbitant price to have your business done.

—o—

It is time for you to do your own business, or dictate the terms to others.

—o—

If you are not yet ready to keep an office open in this town all the time, then meet once a week and transact your business. Gradually you will reach the point where you will have your own office open all the time. Then will come other facilities and utilities until you are as well equipped for business as any other organization that does more than a quarter of a million dollars worth of business a year.

—o—

Instead of you relinquishing any independence when you become a member, you will soon, for the first time in your life, be independent of gambling and speculating boards of trade and exchanges. *Instead of such a move adding to your cares and responsibilities it will relieve you of all such, as, for the first time in the history of the country, agriculture has a business system at its distributing—marketing—end. It is now ready for you to use it.*

The Farmers Society of Equity way is different from the way you have been doing, but remember, it is only *business,* after all.

Farmers must become *business men.*



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What the Telescope Reveals

(Continued From Page Five.)

and more than 250 more. Send $1.00 and become a member-at-large.

We need at the present time wheat, corn, oats, milo maize, kaffir corn and speltz. A little later our market will be strong for cane and field seeds of all kinds.—*The Equity System, Fort Worth, Texas.*

Yours with the revised "Directory" is at hand. We want to co-operate with the members of your association. We suggest though that your members always ship collectively and always in carload lots. Where there is a local union this, of course, is very practical. Where there is not, individual members ought to get others and organize. When shipping apples, potatoes, onions, etc., in less than car lots, the freight is often too high to be profitable to the shipper. *Advise all* your members to ship together and in carload lots. A carload may be made up of two or more farmers' produce and by having all packages marked by number or name we will be able to keep each one separate and render sales separate. Our market needs now, apples, pears, onions, potatoes, celery and cabbage.—*The Equity System, Philadelphia, Pa.*

The demand for potatoes was never so heavy in this section as it has been the last two weeks. (Written October 20.) Market today is 72@75c and we look for it to go higher. If your people want to get the top of the market ship here.—*The Equity System, Kansas City, Mo.*

The Equity System at Norfolk, Va., has urgent need for one or more cars of fancy onions, mostly yellow, in 100-lb. sacks.

Please tell your members to, as far as possible, always ship produce to this market in car lots. It is my opinion that a central warehouse, or receiving and distributing station will be necessary here, as the producers are thoroughly disatisfied with the old way of marketing their produce.—*The Equity System, Johnstown, Pa.*

We want your members' produce business and will make it profitable to them. One transaction, good or bad, is not enough to judge by. A temporary break in the market may cause a disappointment. To be perfectly fair to your members who are going to do their own business, they should stick to us and the average returns will rank high. Even the local buyer sometimes meets with disappointments, but in the long run he makes it profitable. Our BIG FOUR route to success—ample capital, long experience, fine location and aggressive policy—enables us to get the best to be had out of any product of candition of market. —*The Equity System, Louisville, Ky.*

This is advice to you that this market needs both old and new corn, all colors and grades. See if you can start some in this direction. Also we need rye.—*The Equity System, Richmond, Va.*

The Equity System of Marketing is established in one hundred and two of the great markets of the country, with two hundred and seventy-two managers for all classes of farm produce. The "Directory" gives full particulars. It is sent to all local unions and members-at-large. The System is for members alone. $1.00 will pay your fee and give you all the advantages.
FARMERS SOCIETY OF EQUITY
Indianapolis, Ind.

1911 National Convention of the Farmers Society of Equity

The next national convention of the Farmers Society of Equity will be held at Indianapolis, beginning December 12, next.

At this convention national officers will be elected and every other thing done that may be considered for the good of agriculture and for the extension of the Society. As relates to the election of officers, we quote from the by-laws as follows:

ARTICLE IX

Officers

Sec. 3. The officers of the National Union shall be a President, a Vice-President, a Secretary, a Treasurer, a National Organizer, other Directors to make nine, and a Director to represent each principal crop or class of crops as they may be grouped in the plan of the Society to facilitate marketing. Such crop Directors to be appointed by the Board of Directors as their necessity arises.

Election—Representation

Sec. 4. The officers and directors of the National Union, with the exception of the Secretary, shall be selected by a popular vote of the members on blanks furnished by the National Union, and forwarded to the National Union by mail or by delegate, to be voted in the National Annual Meeting of the Society. * * *

The term of the officers shall be for one year, or until their successors are elected and qualified. *The names of all candidates must be published in the official paper at least three times, the first publication being at least six weeks before the time of the Annual Meeting.*

Pursuant to the terms of the law we now publish a list of the nominees as follows:

For President

J. A. EVERITT, Indianapolis, Ind.
Mr. Everitt is the present President.

For Vice-President

W. H. MITCHELL, Huntchinson, Kas.
Mr. Mitchell was one of the incorporators of the Society in 1908, and has been a director since. He is an extensive land owner, and one of the most progressive farmers of Kansas. His present home is in Hutchinson, and having retired from active farm operations, he has had time to further the cause of organization among farmers which he has done effectively since his connection with the F. S. E.

JOSHUA STRANGE, Marion, Ind.
Mr. Strange was president of The Farmers Congress in 1911, is president of the Farmers Exchange at his home city, and has been prominent in farm organization matters for many years. He is a successful farmer, as well as has other interests.

J. A. SHELLAND, R. R. 2, Worcester, N. Y.
Mr. Shelland is at present representing his town on the board of supervisors and has done so for fifteen years. He is the president of Decatur local union, F. S. E., and enthusiastic for the advancement of the society. An up-to-date farmer and large property holder.

GIFFORD PINCHOT, Washington, D. C.
Mr. Pinchot is well and favorably known throughout the community by his work in the conservation movement, and in other ways in the interests of the people rather than the "interests." His influence for any farmers' movement with such good objects as the F. S. E. has, must be very great.

For Treasurer

THE UNION NATIONAL BANK, Indianapolis, Ind.

For National Organizer

H. B. SHERMAN, Greensburg, Ind.
Mr. Sherman is the present national organizer.

BERT HAYS, Grand Rapids, Mich.
Mr. Hays is a successful general organizer in Michigan.

JAMES E. BAXTER, Ft. Plains, N. Y.
Mr. Baxter has been a successful organizer of the F. S. E. for three years. During that time he has not only accomplished very complete organization in his territory, but he had directed the local unions in marketing through the Equity System to the great advantage of the members.

For Directors

C. W. PECKHAM, Haven, Kas.
Mr. Peckham was one of the incorporators of the Farmers Society of Equity in 1908. He is a large land holder in Kansas and has other large interests. Always has been an enthusiastic advocate of organization of the farmer, firmly believes in the F. S. E. plan and more, he has probably done as much as any man in Kansas to extend the education and organization.

S. W. WILBER, Worcester, N. Y.
Mr. Wilber is president of the South Hill local union of the F. S. E. He is a first-class farmer and a business man of such attainments that he has come to be an authority and leader in agricultural matters in his community. Well-to-do in worldly goods, a man of high character and an enthusiast for the F. S. E.

TOM BOLT, Muskegon, Mich.
Mr. Bolt is a member of the Michigan legislature, sent from one of the finest agricultural districts in Michigan. He is a staunch friend of the farmers and the nomination says: "Elect Mr. Bolt and he will be a safe advisor in the councils of the society and a power to attract and compel members to the organization in the field.

JOHN KREISER, Kingsley, Mich.
Mr. Kreiser is a member of Kingsley local union. From the letter nominating him we quote: "We do not believe there is a farmer in the State of Michigan that will serve the farmers better, if elected a director of the F. S. E., than Mr. Kreiser will. He is honest, has a good reputation and is well-to-do."

ROBERT STEVENSON, Lebanon, Ind.
Mr. Stevenson is secretary of Lebanon local union, F. S. E. He operates a large farm near the city of Lebanon, is a leader in his community and is always in the van in any good movement for the improvement and upbuilding of his chosen profession and the uplift of farmers.

GUY ROBERTSON, Gresham, Ore.
Mr. Robertson is a member of Orient local union, F. S. E. (The papers making the nomination said: "Further particulars will follow this"). Mr. Robertson is the nominee of the Gresham and Orient local unions.

JACOB H. BRETZ, Bretzville, Ind.
Mr. Bretz is secretary of Bretzville local union, F. S. E. A German farmer and a member of the society since its beginning. His is one of the first unions organized.

S. W. MORRIS, Rochester, Minn.
Mr. Morris was one of the incorporators of the Society in 1908 and has been a director ever since. He has never failed to attend a directors' meeting when called, or the national conventions. He is a successful farmer under the old conditions, but is always working for more certainty in the farmers' business and more equity in their business relations with others.

GEO. G. WINANS, Hamburg, Mich.
Mr. Winans served the society as state organizer for Michigan in 1909. He has been one of the leaders in that state from the beginning of the organization. He is a farmer and stock raiser on an extensive scale.

G. H. KINCAID, Gadsden, Ind.
Mr. Kincaid is secretary of Gadsden local union, F. S. E. He is one of the leading farmers in one of the best agricultural districts of Indiana, and has met with more than the usual success under bad conditions. He is an earnest worker in the F. S. E.

Instructions

Vote for one candidate for each office of President, Vice-President, Treasurer and National Organizer. Vote for seven directors.

Each member is entitled to vote. In local unions the secretary must report the number of votes cast for each candidate. Members at large will send their votes direct to head quarters—Farmers Society of Equity, Indianapolis. The ballots will be counted when the national convention meets, December 12th, and the candidates having the greatest number of votes will be declared elected.

In the November 15th and December 1st issues a blank will be printed for use in voting.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents Wanted

AGENTS—Men or women, make $10.00 daily selling our beautiful, embroidered dress patterns; 9 yards pongee silk (looks like real silk and wears better) with a handsome design embroidered on it, any color. Sells for $4.50, costs you $2.00. Embroidered shirtwaist patterns, same goods, 3 yards, sell for $1.75, costs you 85c. Figure the profit. Send for sample patterns of each so as to begin at once making more and easier money than you ever made. Send today as we only want one agent in each county. Money back if not satisfied. Importer's Silk and Embroidery Co. (not inc.), 423 E. 45th Place, second floor, Chicago, Ill.

MEN TO CALL ON WOMEN and demonstrate money making, work saving, patented household article; sells for $2.50; half profit; not sold in stores; exclusive agency; new men sell 7 to 20 a day; samples loaned. Sales Manager, 190 Sycamore St., Milwaukee, Wis.

WANTED—$5 TO $10 A DAY FOR RELIABle men and women agents; easiest, fastest, best seller ever offered; nine sales to each ten calls, by our special plan; 400 per cent. profit, net to you. Full details free. Address Household Co., Agency Division No. 25, Topeka, Kan.

Auctioneer School

MISSOURI AUCTION SCHOOL, largest in world, Trenton, Mo., Kansas City, Mo.; Oklahoma, Okla.

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GOOD STOCK AND GRAIN farm with improvements. Full particulars from owner. John B. Doyle, Alanthus, Va.

IF YOU CAN'T own a farm, you can own a share in one end and get big profits. Easy payments. Write today. Cotton Belt Stock Farm, 3245 Graceland, Indianapolis.

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I know what others have done here and I know what you can do if you've got a little pluck and common sense. The right kind of land is here all right and will raise big crops of pretty nearly anything. I will sell you a farm of 40 good acres on payments as low as $10 down and $5 a month—or almost any other way you want to buy it. I want to suit you, just as I have suited thousands of good farmers and investors before. Money back if you are not satisfied. You have heard my name—it stands for a square deal. Write me now. I can give you more time today than in the summer. S. S. Thorpe, owner, 1255 First National Bank Bldg., Chicago.

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TO SELL your property write Northwestern Business Agency, Minneapolis.

FARM WANTED—We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

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LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L511, Marden Building, Washington, D. C.

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PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

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INDIAN BASKETS, BEADS, PIPES; best makes on earth; price free. Gilham, Highland Springs, Cal.

APPLICATION FOR MEMBERSHIP AT LARGE

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R.*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date, for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) and gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?.....

Will you try to Organize a Local Union?.....

Name of Your Shipping Station .....

Pass This Paper to Your Neighbor---Make It Circulate



OFFICIAL PAPER OF THE FARMERS SOCIETY OF EQUITY

Volume XIV | NOVEMBER 15, 1911 | Number 22

1911			November			1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 29th	F. M. 6th	L. Quar. 13th	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		N. M. 20th

Up-to-Date Farming

PUBLISHED TWICE A MONTH

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Indianapolis, Ind.

J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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A New Menace to Farmers

The Milling Interests, Defeated by Canada in Their Attempt to Force Prices Down, Seek Government Aid in Another Way

"Any man or set of men who buy so much grain that the price is held out of line, or out of reach of buyers may be considered as acting in restraint of trade."

This is the basis upon which in the opinion of J. C. F. Merrill, President of the Chicago Board of Trade, government agents are working in the investigation of an alleged corner in wheat, centered in Chicago, but extending from Duluth and Minneapolis to the seaboard.

The government agents were in Chicago October 31, and went to Minneapolis November 1, on their tour of investigation. According to reports that have leaked out, it is claimed that 60 per cent. of the country's wheat supply is supposed to be controlled by an illegal combination of speculators and 17,000,000 bushels of the holdings are in Chicago grain elevators.

The effect of the real or supposed investigation has been disastrous to the markets, particularly for wheat. Cash wheat which had reached $1.02, fell to 95@96 cents on November 3. To show the condition of the market we quote:

CHICAGO, November 3—Weak owners sacrificed wheat today wholesale. In the resulting price tumble one house was forced to suspend and another had to transfer all trades to stronger houses. **Fear of the effect of the federal probe caused the break in the market.** * * * The low point reached today was nine cents below the recent high. The losses to holders were counted by millions.

A dispatch from Chicago of November 2 is to the effect that the Armour Grain Company perfected a deal by which millions of bushels of wheat were transferred to a group of milling interests, the millers, it was said, being allowed to remove the grain from the Armour warehouses when convenient.

Whatever the cause was that started the government sleuths to investigate the marketing, or rather the holding of grain we can not help but connect the milling interests with it. It was very

(Continued on Page 5)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

UP-TO-DATE FARMING, INDIANAPOLIS

223 Christmas and New Year Novelties FREE

A Complete Christmas Outfit Consisting of Christmas and New Year Post Cards, Tags, Enclosure Cards, Stamps and Seals. A Magnificent Array of Beautiful and Attractive Christmas and New Year Greeting Novelties

You are expected to remember your friends and loved ones at Christmas time with some token of your affection and good will, either with a present or simply by sending a beautiful Christmas Post Card. If it be a present it is customary to do the package up in the most attractive manner, decorating them with holly, seals, etc., so the package when received, will convey the tender thoughts and loving care you took when doing it up, and at the same time give forth the spirit of the Christmas season.



In offering this appropriate assortment of Christmas Novelties consisting of Beautiful Christmas and New Year Post Cards, enclosure cards, seals, stamps, and tags, we have surpassed all previous efforts in giving our friends and readers a Christmas Box of unsurpassed beauty and utility. It is the greatest Christmas combination over gotten together. It is a grand opportunity for securing a beautiful collection of Christmas and New Year Novelties.

The accompanying illustrations but faintly convey the beauty of designs, daintiness and exquisite finish of these post cards and novelties. They are newly designed, a vast improvement over those of former years. Every one new. Lithographed in many colors and gold, heavily embossed with chaste and elegant borders. They represent the highest standard of quality possible to produce. They are embellished with holly, poinsettia, and other decorations symbolical of the holiday season. If you wish to mail some inexpensive remembrances at holiday time, and you do not care to send so expensive a thing as a present, you will find these Christmas Cards and Novelties just the thing.

CHRISTMAS SEALS are used for many purposes, but principally for sealing Christmas packages. They make any package more attractive and pretty to the eye. They are used for sealing envelopes and invitations at the Christmas season.

CHRISTMAS STAMPS are about the size of a postage stamp, gummed, ready for use. Just the thing for decorating your letters, greetings, checks or presents at Christmas time.

CHRISTMAS ENCLOSURE CARDS are used for enclosing in your Christmas package with your name written thereon for the purpose of identifying the sender. These cards are about the size of the usual calling cards.

CHRISTMAS TAGS. You can tie these on your Christmas packages as you would an ordinary tag, but they are decidedly more decorative and appropriate.

How to Get These 223 Christmas Novelties FREE

15 CHRISTMAS CARDS GIVEN AWAY

If you want this superb box of 223 Christmas Novelties, and I am sure you do, send me 5 cents (if stamps 6 cents), to help pay postage, etc., with the coupon below and I will send you 15 beautiful Christmas and New Years Cards by return mail. With the 15 Beautiful Post Cards I will send you my great **FREE OFFER** how to get this Mammoth Collection of 223 Christmas Novelties.

Warning--- Don't Delay!



You want this Mammoth Christmas and New Year Surprise Box of 223 Novelties at the earliest possible moment. Don't delay in sending for 15 sample post cards as the mails will soon be congested and unreliable for quick service. Do this now while there is plenty of time. Read my offer again then act.

J. A. EVERITT, Editor Up-to-Date Farming
INDIANAPOLIS, IND.

J. A. EVERITT, Editor
UP-TO-DATE FARMING
Indianapolis, Ind.

DEAR SIR: Please find enclosed 5c (if stamps 6 cents), for which send me 15 sample Christmas Cards. I agree to show these cards to four of my friends and to do my best to get up a club of subscribers and earn your Mammoth Christmas Box of 223 Christmas Novelties. It is my understanding that these cards belong to me whether or no I am fortunate in getting up a club, but I promise you I will do my best.

My name is .....

R. F. D. or Street Address .....

Town ..... State .....

This Offer is not Good Outside of the United States

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

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EDITORIAL

"Reduction Without Organization" a Delusion and a Snare

THE Governors of the cotton growing states, and others met in conference at New Orleans October 30 and 31 "to devise means to relieve the present demoralized condition in the cotton world" and "restore cotton to normal prices." When we read a dispatch that the conferees had failed to reach an agreement the first day he President of the Farmers Society f Equity sent the following telegram:

Governor Colquitt,
Care Cotton Conference,
New Orleans, La.

Twelve million bale crop will sell for thirteen cents; seven hundred eighty million dollars. A fifteen million bale crop is selling at nine cents; six hundred and seventy-five million dollars. Reduce present crop to twelve million bales by each grower putting aside one bale of five and hold till a short crop year or sell at fourteen cents after four-fifths is sold at thirteen. All who can, hold all a little while. When price reaches thirteen cents sell, but stop the day it goes below. This plan has worked in the north. Give publicity through papers and the people will do the rest.

J. A. EVERITT,
Pres. Farmers Society of Equity.

When we write this we have not had a full report from the conference and we don't know how much influence Mr. Everitt's telegram had. But we gather from the dispatches that the dominant idea in the recommendation, hold and control the marketing, was embodied in the conference's recommendation as follows:

New Orleans, Oct. 31.—Farmers of the South must withhold from the market every remaining bale of the present season's crop of cotton and follow this with a concerted and binding agreement to reduce next season's cotton acreage at least 25 per cent. if they hope to restore the South's great money staple to a normal price level and relieve the losses sustained by reason of the present low prices.

As a means of securing permanent relief from such conditions and to guarantee the cotton farmer in the future against the necessity of glutting the market with his supplies in the opening of the season, the conference adopted resolutions favoring the establishment in every cotton-growing state of state-controlled warehouses and the collection and periodical publication of statistics bearing upon the world's demand for and consumption of American cotton.

The proposal of foreign banking interests to finance a holding movement covering 2,000,000 bales of the present crop was referred to a special committee for future action.

"If the plans as outlined by the conference are put into operation without delay," said Gov. O. B. Colquitt, of Texas, the father of the conference, "there is bound to be an almost immediate increase in the price of cotton, and traders in the speculative world will be put to rout. The statistics which we have compiled showing the world's demand for American cotton prove beyond doubt that every pound of this year's cotton crop is worth 13 cents or more and the battle is won if the south's farmers will stand firm.

We congratulate the farmers of the South on the strong recommendation "to hold" at this time. It is the only way to get a prompt improvement in the price. We regret though, that the conference recommended a reduction in acreage at this time. We predict that recommendation will do more harm than good. If it develops that there is a real surplus this year farmers would voluntarily reduce the acreage next year. They have demonstrated this many times in many crops. But to order a reduction, without the ability to enforce the order is likely to defeat the plan. For instance, a great many planters will argue that the other fellow is going to reduce and the price will be high, so they will plant all the cotton they can. This is the way it usually works and the concerted effort for a reduction becomes a general movement for a larger acreage. Orders to reduce without organization is a delusion and a snare.

But regardless of what the cotton growers may do in 1912, we consider the order to reduce the acreage 25 per cent. very unwise. No person is sure that there is a surplus of cotton. Even Governor Colquitt is sure "that every pound of this year's crop is worth 13 cents or more," which appears to indicate that "the statistics" which the conference compiled proved that every pound will be needed. But suppose there is a real surplus of a million or two million bales, and the next season would be unfavorable for the crop, and the recommendation of the conference to reduce the acreage 25 per cent is carried out an even worse condition would prevail than prevails now.

The Farmers Society of Equity believes in conserving the surplus of any non-perishable crop against the time when there will be a short one. This is the only way to make and maintain steady, equitable, profitable prices which all growers, necessary handlers, manufacturers and consumers desire. And it believes the surplus should be controlled by the people who were responsible for producing it, stored in warehouses, if they prefer. Make the grower responsible for taking care of the surplus and he will be more tractable when it comes to controlling the production. A grower with one-fifth of a former crop on hand will be much more likely to reduce the acreage, when necessary, than one who has sold all, regardless of the price he got.

Of course, no plan can be carried out definitely without organization. But if the order to hold for a definite price of 13 cents is published all over the South, we predict the growers will hold enough to produce a scarcity which will cause prices to advance. We have so often seen the good effect from a **known price fixed in the minds of all the interested people.** Half a million cotton growers holding what they can for 13 cents, and asking this price will soon compel it. For quick relief there is no better plan. But for permanency, definiteness of production, and profitable, steadily maintained prices an organization like the Farmers Society of Equity is absolutely necessary.

The Press Is Inconsistent

EVERY reader of the daily papers must have noticed how inconsistent those papers are in what they advocate or oppose. One issue may speak rapturously of a man as being emphatically the man for a certain service, while the next or subsequent issues may be indifferent to that man and enthusiastic for another. It is the same way with measures and policies. At one time they are for and at another they are against certain measures. Very few of them seem to be brave enough to support men and measures and stick to them, because of known fitness of the men or the usefulness or necessity of the measures.

The fact is, most of the great dailies and many other publications are subservient to the interests that support them. They may be organs of this or that party or institution or business concern, and whatever that interest requires they are compelled to do. Posing as the general representatives of the public and good and national progress, they are narrow and selfish, masked advocates of men and measures the people would not tolerate. With a pretense of serving something else, they are the cunning and hidden advocates of what they would not dare to support openly.

We are not fighting the public press; we are simply warning their readers that what they say can not always be taken literally. Too often they give events and measures an unreal coloring for a distinct and selfish purpose. Partisan papers oppose things advocated by the "other party," whereas if those very things were measures of their party they would laud them to the skies. It is therefore with the press, more a question of party good than of public good. They aim to mold public opinion as the interests to which they are subservient wish it molded. Hence, our advice to an unbiased, sincere and intelligent public is to read the papers, but not without due allowance. Be discriminating, and draw the line between the true and the false, the good and the bad.

"How shall we know?" That is a question not easy to answer. The reading public looks to the press for information and people are too apt to accept what their favorite paper says. They soon learn to think what it advocates is best, and that is what gives mercenary publications their power.

It is a pity that the public press is not always sincere, and we would much rather believe and teach that it is; but the people have been so often deceived and betrayed, and the advocacy of and opposition to things is so inconsistent that we can not say otherwise than what we have. It is, therefore, necessary for every reader to decide great questions for himself. A mercenary press is a wonderful power for evil, and it is a fact that most of the wrongs the people have suffered, and most of the departures of the government from the true spirit of fairness and justice and aquality of rights and privileges, have come as the result of the false teachings of the press. Things have been tolerated and allowed to establish themselves that never could have gained a foothold had the people been told the truth about them in advance. It is often indeed that "things are not what they seem." Don't be mislead by prejudices and devotion to what may seem the same but is not at all like it used to be.

Why One and Not Another

WHEN men or presidents become inconsistent some strange things are sure to happen—funny if not too serious to be laughed at. Among other reasons for his veto of the act of congress reducing the tariff on woolen goods, the President gives the following: "Unless manufacturers are able to continue their business and buy wool from domestic wool growers, the latter will have no benefit from the tariff that is supposed to protect them, because they will have to sell in competition with foreign wools, or send their sheep to the shambles." "More than a million of our countrymen," continues the President, "are engaged in the production of wool and the manufacture of woolens, more than a billion of the country's capital is invested in the industry, and we should proceed prudently in dealing with them upon the basis of ascertained facts." "If I fail," said the President further on in his veto message," to guard as far as I can the industries of the country to the extent of giving them the benefits of a living measure of protection, I shall not be discharging my duty."

The President was then speaking of the manufacturers of woolen goods and the producers of wool, who are to be "benefited as much by the high tariff on woolen manufactures as by a tariff on wool." This combined great industry must be protected.

Very good, Mr. President; but how about the millions who are engaged in the production of grain and beef, and potatoes, and beans, and eggs? Does not all this constitute a great industry, and is it not a part of your duty to protect that industry as well as the other? Just a few weeks before you wrote that veto message, you were exerting every power of your great office to take every cent of protection from the producers of these great agricultural products, and even when you sent that message to congress and the country you thought you had succeeded in doing that, without any tariff board report or scientific investigation, and without any more deliberate action than secret conferences with the Canadian authorities. Only the votes of a foreign people saved the farmers from a much more radical act than the one which the President said would have brought calamity to the woolen manufacturers and the producers of wool, an act, he declared, his duty to those people compelled him to veto. If one why not the others?

The Time and the Chance

IT IS SAID that opportunity knocks once at every man's door, and that the successful man is he who understands the knock and admits the visitor; that is, the one that recognizes the opportunity and takes advantage of it.

We believe this will apply to classes as well as to individuals, and we wish to speak of it as applying to farmers. If ever there was a class of people that needed to avail themselves of opportunities the farmers today are such a class, and if ever such opportunities were offered they are offered now to farmers.

This is an age of organization. Every business and every enterprise is organized to prevent hurtful competition, the most of them not only organized, but concentrated and combined so as to form trusts and practical monopolies that control common necessities to be bought by the public almost the same as though there was but one source from which the commodities could be obtained. Strange as it may seem, some of these necessities so controlled are farm products, or commodities made from farm products, but they do not enter such control until they have passed from the farmers' hands. Then, of course, prices are made exorbitant, so much so that the world cries out against them, and the very prices charged by the organized powers are used to force down the meager prices paid the farmers.

So serious a matter has this become that the government itself has taken it up, and by the law or the courts, has tried, or pretended to try, to restrain the greed that is back of it all. These efforts, however, have been ineffective, worse than ineffective, and they have almost every time reacted upon the farmers as the one unorganized class, and have tended to pull down the prices paid the farmers for the raw material, leaving the profits of the organized class the same or actually increased. We are stating nothing but the plain facts known by every thoughtful reader.

So apparent is this situation, and so dangerous a position are the unorganized farmers placed in, that they but recently escaped the worst calamity that could have befallen them, the taking from their products all government protection and the inviting of foreign products to come in and glut our farmers' markets, but keeping high protection on everybody else's goods, thus compelling farmers to sell in a free trade market in competition with the world, but compelling them to buy their necessities in the high-priced, protected market of the combines and trusts. The serious part of it is that American farmers were not saved from this calamity by their own people. Our authorities have reached the reckless point to force this condition upon our farmers because they are unorganized and powerless, while the other classes they so faithfully serve are organized and can make themselves felt both in business and politics. Though saved for the present by the votes of the people of another country, the danger to the American farmers, as we gave warning in a previous issue, is not past. Our authorities can do by themselves what they so determinedly tried to do a few weeks ago, but which they then fortunately for us, asked Canada to agree to, and that country refused.

What, then, are the farmers of the United States up against? It is organization or further dangers and still greater uncertainty and inequality. The government will not restrain these grasping, organized powers, and we believe could not if it would under the present cringing rule of those in authority. The only power that can do it, and give the farmers equal chances and privileges is that of the farmers themselves, and the only way the farmers can exercise their power, or can have any power, is to acquire it like the others have done, by organization.

And we repeat, now is the time and the chance. Agriculture is awakened as it never was before. Farmers see the dangers from which they but barely escaped, and they realize that their own efforts must save them from future peril. Besides, they are just now confronted by difficulties and discouragements that seldom have met them. In spite of their best efforts their crops have been light, and though prices may be fair they have little to sell. Their need to buy things is as great as ever, and their necessities must be bought in a protected market at prices made high by organization and a high tariff. Under such conditions farmers feel their need of power. The unorganized can not compete with the organized. Hence the farmers must organize or suffer more and more. Therefore, **NOW IS THE TIME.** Argument is not needed to convince farmers of its necessity; they know that and feel it as deeply as their sense of justice and fair dealing. Unorganized they know they are helpless; organized they know they would have the very power of which they stand so much in need. If they could control their business and their marketing, that one thing would break the power of the trusts. These concerns could not get the stuff upon the handling of which they build up fortunes by robbing the consumers in the name of the farmers. And it would compel the government itself to take notice.

Here is **THE CHANCE.** We present a great national organization, free from schemes of personal aggrandizement. It applies to every crop grown in the United States, and is designed to direct production and control marketing to guarantee fair and reasonable prices that carry just remuneration to the tillers of the soil, but that places the stuff in the hands of the users by the cheapest and most direct route, and supplies the needs of consumers at prices equitable and fair, free from the unjust profits piled up by greed.

Farmers, we say with confidence, that, if it is true that opportunity comes once in life to every one, now is the time and here is your chance.

The Milk Supply in Large Cities

ONE of the most important problems for consumers in large towns and cities is that of the milk supply. Milk, with bread and meat form the most important foods for the population, while the first named is the chief article of food for children and the sick. An abundant supply of pure and cheap milk becomes, not only an economic, but a sanitary and social problem of first importance.

In these days when the price of all foods has risen, the increased cost of milk has, in many places, occasioned much discontent among the consumers. The rise in price is justified in part through the increased cost of grain, forage and other feed, and that of carriage, yet, in common with other commodities, the chief factor is the ever-increasing ability of the middlemen to force the prices up to augment their profits or to support a system of distribution that is ever growing heavier, more intricate and more costly. Milk, from the country producers to the town and city consumers, usually passes through several dealers, and is finally distributed to the consumers in nearly as primitive a way, as far as system is concerned, as in the countries where the cow or goat is driven to the door of the consumer and the milk drawn. We mean that there is no attempt to district the town or city and group any dealer's customers, but several delivery wagons pass over the same route, each picking out its own customers.

Perhaps there is no community that is more in need of an economical system of distribution, that will reduce the number of middlemen or entirely eliminate them, than milk. It is, therefore, interesting to know what is being done in Germany. There the problem is considered of such importance that there has been a demand for a law to regulate the milk trade and guarantee the purity of milk. In some German cities the problem has been met by large establishments, as in Berlin and Dresden. These large establishments came in direct dealings with the producers and the consumers. Thus, by eliminating waste effort they sell at reasonable prices, while, to maintain the reputation of the establishments such a standard of purity and cleanliness is maintained as to gain and keep the confidence of the public.

It is plain to be seen how such concentration of business can be made to benefit both producers and consumers. Therefore the advantages that will be gained should impel either one or both of the great classes to co-operate in establishing one or more central receiving and distributing stations for milk in each large town and city. In this way all unnecessary middlemen's expenses and profits, which are clearly waste, from the producers' and consumers' viewpoints, can be cut out.

Such a system of distributing farm produce, including milk, was very fully set out in the September first number of this paper, under the head of "Consumers' Leagues." It is this system that several cities are now working on and we hope to be able to announce its successful launching in some of them, soon.

Every Farmer, Attention!

The Farmers Society of Equity, speaking through this paper, has demonstrated to every reader that it has a complete grasp of every farm problem and is recommending the only practical solutions.

Its next annual meeting may mark an epoch for the farmers of the country if they will make it so. Of the great meetings of the year, some of which many of you attended, all of them combined did not do for American agriculture what this meeting, beginning on December 12, next, at Indianapolis, can easily do and will do under right conditions.

The right conditions will be present if the membership of the society (members of local unions and members-at-large) will turn out. Also farmers, not members, but who want a better marketing system established are urged to attend. All can help. Now that the crops are made and harvested take a couple of days off and see about the marketing—the vital point of every farmer's business.

If you will come to the meeting, or if you would like to come, fill out the blank below and mail to **FARMERS SOCIETY OF EQUITY,** Indianapolis, Ind., and you will get information that will help and be of value. (Please cancel one line before name as fits your case)

.....

I will attend the annual convention.

I would like to attend the annual convention.

Name .....

P. O. ..... County ..... State.....

Are you a member? ..... The chief crop of this section is.....

Please mail this at once if you have decided to come, or if you would like to come and get our reply.

Pastures the Farmer's Salvation

WE CARE not how successful a farmer may be with cultivated crops, nor how productive or high-priced his land, the farm stock raiser can not be successful without pastures. Dry feed can not be made to take the place of rich grazing during the growing season. Even for hogs, especially pigs and growing shoats, corn is too concentrated a feed, and if fed corn alone there may be kept up a sufficiency of fat, but there can not be the growth there will be if, in addition to the corn, the animals run on a rich pasture. And this is true of all growing stock. Pastures are a stock necessity and the advantage the farmer of rich land has is that the pastures are richer and it does not take so many acres to supply a given amount of feed.

Often nooks and corners, and other practically untillable land may be made to do good service as pastures. These inaccessable places are often rich and excellent for bluegrass, but even where they are not so rich they may be made profitable by proper management as pastures. There is no such thing as waste land in this country any more, and the term should go out of use. Land is too scarce and valuable. Utilize every foot of it.

On the other hand, the very best land is not too good for pastures, and if not already set to rich pasture grasses, the intelligent farmer can always have seasonable pastures by sowing pasture crops—rye, clover, oats, peas, etc.

The greatest handicap for renters is lack of pastures. In renting lands for cultivation owners do not like to include pastures; in fact, they can not afford to. The cash renter has an advantage in this respect over the share renter.

A New Menace to Farmers

(Continued from Page 1)

clear to us that the large millers had a great influence on President Taft in his movement for free trade in Canadian grain. One of his pet arguments was that the capacity of the mills of this country was one-third more than the production, therefore he wanted to bring Canadian wheat in to fill this void. The millers wanted the wheat to come so as to prevent the farmers of this country from controlling prices and forcing home prices above a world's level. It is very plain to see that if the farmers, or any individual or combination of individuals, that own the wheat and will not sell it at the millers' offer, or at the world's level of prices, that the millers must pay the higher prices. Consequently the flour they make to sell in foreign markets will cost more than flour made in foreign countries.

The Canadian agreement was finally defeated. As we predicted the price of wheat began to advance immediately and went up until it was 12 cents higher than the anti-election price. What would be more natural than that the millers should take another tack to break the price down? And considering the activities of the government against businesses that are supposed to be in restraint of trade what would be more natural than for the people, who wanted to buy cheap wheat, to report that "sixty per cent. of the country's wheat supply is controlled by an illegal combination of speculators in restraint of trade?"

It is not our purpose to say whether the speculator's position in the market is an illegal one or not. We have often said that there ought not to be any speculation, hence no speculators. We have long contended that the marketing and markets for grain ought to be as definite as the marketing and markets for any other commodity—that certainty of supply and prices ought to prevail, when speculation would be impossible.

But the farmers have not reached that point yet and now a new condition presents itself—a new menace to their prices. Let us try to see what it means.

Suppose the department of justice declares that there is an illegal combination in restraint of trade now, when the visible supply of wheat is approximately 60,000,000 bushels and the price for cash wheat was $1.02 a bushel at Chicago. It would raise the questions, who in the future, will buy the wheat the farmers dump? and who shall decide when the price is so high that the grain is held out of reach of buyers?

In the past we admit that the people who acquired the dumped grain, and the farmers who still had some grain, have, at times, compelled prices to advance. Their interests were identical, viz., to make money. With the former it was to get cost and a fair profit. With the speculator it was to get a profit, and, if he was financially able to swing the visible supply, he sometimes did get an exhorbitant profit.

But what is a fair price? We believe, considering the average yield of wheat—twelve to fourteen bushels per acre—that wheat should bring $1.25 per bushel, basis of Chicago market. If the farmers have the matter to decide they would take this price and not contend for more. But if the millers are to decide, and if they can invoke the aid of the government to prosecute any "man or set of men" who buy grain and hold it for a price over $1.00, then that will be the price.

Thus we see a new menace confront the farmers. If the millers can work such a scheme to knock down the price of wheat, it can be done on corn, oats and cotton as soon as there is a large visible and the speculators and the farmers, who have some of the same thing, hold for a higher price. Also, if the government is likely to step in at any time and cause the market to break, buyers and holders will be more timid and the range of prices will be lower.

But suppose the producer would do what we have urged them to do—hold the temporary surplus themselves. Then there would not be any visible supply. Then, if they set the price at $1.25 and held it, any person who wanted wheat would be compelled to pay the price. Under such a condition the government would not investigate farmers and would not tell them to sell at the millers' prices.

Organization, an equitable, known price and co-operation becomes more imperative every year. We are sure the price of wheat would have advanced until $1.25 was reached if it had not been for this flurry. We are at sea now and will not make any predictions until the position of the government is known. We do recommend control though. The speculators may be frightened, or ordered to liquidate the visible supply, but there is no danger of such an order being made against the farmers—the first owners of the stuff.

Incidents of the Season

THE past season has, in many respects been peculiar. There was a general lack of rainfall that very materially reduced production. As was to be expected during such a season, there was an absence of destructive floods. Two, however, are specially noteworthy. Heavy snows and rains in California during February and March caused floods that resulted in damages estimated at nearly two million dollars; and in July and October, heavy rains following a severe summer drought, flooded the tributaries of the Ohio river, damaging crops and other interests to the amount of $5,500,000.

Tariff Board and Farmers

WHILE our national authorities did not regard it at all necessary for the tariff board to take any action previous to taking all government protection from farm products, a favorable report of the board was essential to even the slightest reduction of the tariff on manufactured articles. The farmers understand all this no matter how some in authority regard them. At the National Farmers' Congress recently held at Columbus, Ohio, Mr. John M. Stahl, legislative agent for the congress, said in an address that it was apparent early in January that the tariff board or commission was nothing more than an assault on the interests of the farmer, "even before the alleged reciprocity pact was made public."

A resolution was adopted by the congress, demanding "A fair and equal measure of protection accorded to all industries of the country needing protection." "Any discrimination against the farmer will be opposed by our influence," said the farmers present from the various states, "and resented by our votes. We never will submit to selling on a free trade market and buying in a protected market."

That is no more than the spirit of fairness and equity. Farmers labor under more difficulties than people of any other calling, and they are liable to more hurtful competition than any other business if tariff restrictions were removed from their products, which would have been the case today if our rulers had had their way about it. Hence, we join with the Farmers' National Congress in demanding that farmers be protected if other people are. To make farmers sell at free trade prices and buy at higher tariff prices is greater injustice than was ever before attempted in a people's government. We urge farmers to remember, in conventions and at the ballot-box, those who did all in their power to bring about exactly that condition. Party name means very little with right and wrong, and justice and fairness to all.

A Singularly Short Year

THE present year, 1911, is a singularly short one so far as farm production is concerned. The Department of Agriculture has made preliminary estimates of the yield per acre of the small grains and hay for the whole country, with the following result: Spring wheat, 2 bushels per acre less than last year; winter wheat, 1.3 bushels less; oats, 7.1 bushels less, barley, 1.7 bushels less; rye, .7 bushels less; hay, .24 of a ton less.

A small difference in average acreage yield makes a great difference in total yield. For instance, we may give the following authorities: Corn 400,000,000 bushels below that of last year; wheat, 29,000,000 bushels below, and oats 380,000,000 bushels below. Almost all other crops are reported similarly behind last year's yield, and that makes a very unusual situation. There never was a time, perhaps, when it was more important for farmers to **HOLD THEIR CROPS**; that is, to not sell unwisely. Speculative buyers will try harder than ever to buy up the crops early, for they will have so much greater chance to make high prices and compel greater profits than ever from the consumers. In seasons like this the crops should be kept out of the hands of speculation. Prices will naturally be high enough without adding excessive profits for the benefit of those who handle the stuff between the producers and consumers. How important to all is the Equity System this year, the system that guarantees the farmers just and reasonable prices and delivers the goods to the consumers by the shortest and cheapest route, and supplies their needs at prices equitable to them. Shorn of the profits exacted between producer and consumer the high cost of living would dwindle even in scarce years like the present. On the other hand, if those exactions are permitted to continue we do not know how actual hunger can be prevented in many places this year.

A Thief and a Liar

He confessed that he had stolen the chickens, but for lack of witnesses the jury returned a verdict of not guilty.

"Well," said the judge, "I suppose it is my duty to discharge you, but you are placed in a very awkward position. Your confession makes you a thief and the verdict of the jury makes you a liar. You may go."

$228 in 30 Cash Prizes

Many thousands of our subscribers got a collection of seeds from us last spring. In connection with the distribution of the seeds and growth of the crops was a prize feature. We quote from our offer as follows:

We will pay one *first*, one *second*, one *third*, one *fourth* and one *fifth* prize for the first, second, third, fourth and fifth best letters about the Farmers Interest Corn, Garton's Regenerated Swedish Select Oats, Model Market Potatoes, Vegetable Seeds, Flower Seeds and Rose Bushes. The letters should tell how you planted and cared for the crops, the yields, how the crops were disposed of, or the value you place on them, if not sold.

The letter must not contain more than 300 words. No letter must cover more than one variety, but any person who plants the six varieties may enter six letters. All letters must be received at the office of UP-TO-DATE FARMING on or before December 1, 1911.

Any person who expects to enter this contest should do so promptly.

UP-TO-DATE FARMING, Indianapolis, Ind.

About the Silo

IN ALL states where dairying forms one of the chief industries corn silage is recognized for its economy of feeding and its milk producing qualities. It was in these states that the silo first made its appearance in this country some thirty years ago. That it has remained in active use during this time should remove any doubt about its being a valuable asset on the farm.

The silo not only furnishes a palatable, green food during those months when pasture is not available, but at the same time does away with the unpleasant features of winter feeding. The convenience of this arrangement is truly proved when on a cold winter morning with the mercury running below zero, the stock may be fed in a very short time without the bother of hitching a team to a rack and driving to the field for a load of fodder. Formerly many had the idea that the silo was only profitable on large dairy farms, but experiments are now proving that silage is as good for beef cattle as for the milk cow, and the cattle fed with it are prepared for the market quicker and cheaper than by any other means.

The question, "Is silage an economic feed for beef cattle?" is being investigated by many stock farmers.

In a test at the Kansas station "a lot of ten steers were fed on corn silage, chopped alfalfa hay and a grain mixture of equal parts ground corn and Kafir corn, in comparison with another lot of twenty steers of the same average weight and quality fed exactly the same feed except silage.

"For every hundred pounds of grain 461 pounds of silage saved 18 pounds of grain and 156 pounds of alfalfa. At present prices of these feeds the 461 pounds of silage made a saving of $10,524." This is equivalent to $4.51 per ton of corn silage which can be produced for $2.00 per ton.

This is not all, for the cattle were shipped to Kansas City and sold at the stockyards and the silage fed lot brought 25 cents a cwt. more than the others. This is making a profit in two ways: The cost of feed reduced and higher price for animals. If the cattle that are sold for beef each year came up to this standard it would add thousands of dollars to the wealth of our farmers. The fact that so many feeders are putting large silos is evidence that they believe the above results can be accomplished by feeding silage.

Photograph Department

OUR photographic staff is still doing business in Madison, Dallas and Jasper County, Iowa, where they are meeting with fair success. Should any of the following gentlemen call on you it will be appreciated if you allow them to make a picture of your home. They will explain our combination offer of a subscription to UP-TO-DATE FARMING, our Third Power Book, and photograph of your own home. The crew consists of P. J. Swanson, Joe Binbage, C. C. Dawson, Russ Morris, B. A. Worthing, C. E. Black.

Our finishing department is under the very able management of Harry Richmond.

Has Studied the Constitution

Wife—"You said before we were married that my word should be the law."

Hubby—"And so it is, but I have since learned the law is unconstitutional and need not be obeyed."

Quite Contrary

"My wife won't do what I want her to do, but she tries to do something in the same line."

"How is that?"

"If I ask her to darn my stockings she knits her brows."

The Way He Gained

"When I first came to this city," he said boastingly, "all I had was tied up in a silk handkerchief."

"How is it now?"

"Well, I went to borrowing money and speculating, and now all I have is tied up in my wife's name."

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago	$1.25
WHEAT—No. 2 Northern Spring, at Minneapolis	1.30
OATS—No. 2 White, at Chicago	.55
BARLEY—Good malting, at Chicago	1.00
RYE—At Chicago	1.50
HAY—Choice Timothy, at Chicago, ton	$22.00@$24.00
POTATOES—Choice, at Chicago	.85
BEANS—At Chicago	2.50
COTTON—New crop, to the grower	.13
BROOMCORN—Choice Illinois, at Chicago, ton	$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton	125.00@150.00
CATTLE—Good to choice, Steers, at Indianapolis	$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis	7.00@7.50
HOGS—Good to choice, lights and mediums	6.50@7.00

1910 CROPS

CORN—No. 2 White, at Chicago	$ .65
BUCKWHEAT—At home market	.85

Advice

Hold all crops that are not selling at the minimum prices or above. Market only while the price will be paid. Watch the market and this department and stop as soon as the price declines below the Minimums. Old readers know that it pays to act on our advice. We have been giving advice about prices and marketing for nine years and the mistakes have been the rare exceptions. No matter what you think of the minimum prices and our advice now, you will make more money if you respect them. Help to get this paper in the hands of all your neighbors.

AS SOON as possible we will start a feature in this department that will show the daily fluctuations of prices of leading crops for the current month, and the high and low for each month for several years. Accompanying the diagram will be a statement of the reason for violent fluctuations, such as the influence of the Leiter and Patten corners, Canadian reciprocity agitation, threat of federal prosecution, the latest scare, etc., etc. This will be continued year after year. We believe it will be the most interesting feature of the paper and at the same time helpful to our readers to decide the time of the year to market their crops.

As we close this paper "steadier nerves" and "more courage" is reported from the grain boards of trade and prices of wheat, corn and oats have each made slight rallies. It is not so important who started the federal scare as it is to know that it was a success. If it was the milling interests it gave them the opportunity to take on millions of grain at large declines. If it was the strong speculators it served to let them increase their holdings of wheat at seven cents to nine cents decline. The tens of thousands of small dealers (or speculators), including a great many farmers, were squeezed out almost in the twinkling of an eye, and their holdings taken on by the big fellows. It was a case of the big fish swallowing the little ones and the government was a party to it. The big bulls unloaded on the little bulls up in the garret, then they went to the cellar and robbed them. Now they are going up, up again with the load to repeat the operation. It's dangerous to deal on "change," but its safe to hold your actual wheat.



We quote the following from the Chicago market dispatches of November 4:

"Wheat traders today ignored the bogy of federal inquiry as to an alleged corner. Many dealers expressed themselves as beginning to believe that there will be no serious investigation. Largely owing to this changed outlook, the market developed a stronger tone and closed ¼c to ½c net advance. Other leading staples showed a gain—corn ½@¼c to ¼@¾c, oats ¼c to ⅜c, and hog products a shade to 12½c.

It was apparent from the start that the feverishness of the last few days had disappeared from the wheat pit. No evidence of activity on the part of government representatives could be learned and speculators turned in relief to fix their minds more cheerfully on bullish crop conditions in the Argentine, Canada and elsewhere. The fact was pointed out that only one-third of the crop year had elapsed, the period of accumulation, and that the present large visible supply is partly due to the inclusion of private elevator stocks and to the heavy marketing by producers, who feared the result of reciprocity with Canada. As the day progressed cash business picked up a little, flour sales improved and there was an export demand at Winnipeg."

Particular attention is directed to our editorial beginning on first page of this number.

The following figures tell the market story:

Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on October 28, 1911, with comparisons, are shown in the following table: (The sign — before the figures means decrease, X means increase.)

	Oct. 28, 1911 Bushels	Change from 1 wk. before Bushels
WHEAT	69,207,000	X 3,295,000
CORN	3,508,000	—1,244,000
OATS	27,633,000	X 622,000
BARLEY	4,731,000	— 50,000

Closing Prices of Cash Grain

Cash grain closed in the leading markets on November 4, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

Nov. 4.	2 wks. before	A Yr. before
Chicago ..95 @97¼	1.01⅜@1.03	90
St. Louis 96 @96½	1.02 @1.03½	94
Kan. Cty. 96½@97	1.02@1.03½	91
Cincinnati 97 @99		95
New York 97 @98¼		95

Minneapolis—No. 1 hard spring, $1.06; No. 1 Northern, $1.05¼. Two weeks before, $1.11⅝ and $1.07¾ respectively. A year before, $1.02¼ and $1.01½, respectively.

CORN, No. 2, WHITE

Chicago	74¾@75	76 @76½	50½
St. Louis	73	74 @75	49½
Kansas City	70½	70½@73	47½
Cincinnati	74		51
New York	80		57

OATS, No. 2, WHITE

Chicago	47½@48	48½@48¾	33
St. Louis	48	48½@48¾	33
Kansas City	47½@48½	48½	32
Cincinnati	48 @48¼		34
New York	52½		37½

Future Grain Prices

Chicago grain futures closed November 4, 1911, and two weeks before, as follows:

WHEAT—December, 94⅝; May, $1.00⅜; July, 95⅛. Two weeks before, $1.01⅝, $1.06½ and 99⅞c respectively.

CORN—December, 62½c; May, 64½c; July, 64¼c. Two weeks before, 65⅛c, 66¼c and 66c respectively.

OATS—December, 46½c; May, 49⅛c, July, 46c. Two weeks before, 47⅞c, 50¼c and 47¼ respectively.

Statistical Situation of Cotton

(No report.)

Price of cotton, New York, November 4.—Middling Upland, 9.40c; Middling Gulf, 9.65c. The price is 5c per cwt. lower than two weeks before.

Live Stock

Indianapolis, November 4, 1911.

CATTLE—Good to choice steers, 1,300 lbs. and upward ..... $7.25@8.00
Good to choice, 900 to 1,100 1,100 lbs ..... 5.@6.00
HOGS—Best heavies, 210 lbs and up ..... 6.20@6.50
Good to choice lights, 120 to 130 lbs ..... 6.10@6.25

The price of cattle is 75c to $2.00 per cwt. higher than two weeks before. Hogs are about 50c per cwt. higher.

Chicago Produce Market

October 21, 1911

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of comparisons.

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change Bushels last year
X 7,939,000	X 34,723,000	X 2,936,000
—2,484,000	— 1,400,000	— 761,000
X 1,325,000	X 8,857,000	— 990,000
X 969,000	— 1,339,000	X 94,000

POTATOES—Arrivals by cars, with comparisons, follow:

	This wk.	Last wk.	Last Yr.
Monday	177	129	180
Tuesday	143	108	94
Wednesday	97	82	65
Thursday	88	107	73
Friday	86	75	68
Saturday	94	112	73
Total, 6 days	685	613	553

The market was strong at former prices. For a Saturday the trade was good. Both the local and outside demand keeps up well. Receipts are good.

Sales reported were: Wisconsins—1 car frozen at 55c, 1 car slightly frozen at 65c, 3 cars choice at 68c, 2 cars (1 car Kings) at 70c.

The market was quotably as follows:

Per bu. bulk, Wisconsins, Burbanks, Kings or Rurals, ordinary to good ..... $ .60@ .65
Frozen, as to condition ..... .50@ .60
Choice to fancy ..... .67@ .70
Sacked, Rurals, Burbanks, or Kings, good to fancy ripe .70@ .72
Bulk, Michigans, Burbanks or Rurals, good to choice ..... .67@ .70

Note:—At the same time, Saturday, Nov. 4th, the price was 8 to 10 cents higher in Indianapolis and some other markets with a difference of only 2 to 4 cents in freight. We mention this to show the advantage of using The Equity System of Marketing.

The price is about 8c a bushel higher than two weeks before. A year ago the price was about 20c a bushel lower.

HAY—Receipts, 736 tons. Offerings small and market firm. Demand good for all descriptions.

Choice Timothy Hay ..... $22.00@22.50
No. 1 Timothy ..... 20.50@21.50
No. 2 Timothy ..... 18.00@19.00
No. 3 Timothy ..... 16.00@17.00
Kansas and Oklahoma Prairie, choice ..... 16.50@17.00

The price is about the same as two weeks before. A year ago price was $3 to $4.50 a ton lower.

BROOM CORN—No change noted. The market is ruling quiet.

Per ton, new, depending on quality ..... $160.00@220.00

The price is the same as two weeks before.

STRAW—Scarce and firm. Rye straw quotable at $10.00@$10.50. Oat straw at $8.00@8.50. Wheat straw at $7.50@8.00.

The price is 50c a ton higher on rye and oats straw and $1.00 a ton higher on wheat straw than two weeks before.

BEANS—There has been some advance in the price of pea beans lately. They have been coming forward slowly, due to so much hand-picking being necessary, owing to the wet weather damage sustained. This also is causing considerable shrinkage. Demand has remained tame. Had it been large there might have been difficulty in supplying it, owing to small receipts. The red kidney Beans also were slow in coming in. Owing to the moisture in Beans it would not be safe to sack them freely, and they have been held back to give them a chance to dry out. Recently Brown Swedish have declined some in price. There are indications of a good crop of this variety.

Pea Beans—
Hand-picked, choice ..... $2.47@2.57
Mediums nominally about same as Pea Beans.
Red Kidneys, depending on quality ..... 2.75@3.25
Brown Swedish, long ..... 2.75@3.00
Round ..... 3.00@3.25

The price is 5c higher on pea beans.

The price is 5c a bushel higher on pea beans and unchanged on others from two weeks before.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned, were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	2,759	3,999	3,434
Tuesday	4,618	4,536	5,600
Wednesday	2,753	4,087	4,109
Thursday	1,959	2,054	3,194
Friday	2,631	4,136	2,317
Saturday	7,880	8,397	2,632
Total	22,600	22,209	24,286

Receipts, April 1, to Nov. 1, 1911, 2,342,877 cases.

Receipts, April 1, 1910, to November 5, 1910, 2,676,022 cases.

Receipts, April 1, 1909, to November 6, 1909, 2,628,295 cases.

The feeling is decidedly firm and prices favor holders. Quotations were advanced 1@2c for Firsts. Quotations for "Prime Firsts" were discontinued.

The situation is satisfactory and trade is good. Buyers are bidding strongly for the offerings and for strictly fine Eggs quotations are over bid. A good demand continues to exist and all grades are meeting with ready sale. The demand is to supply local wants and to fill outside local orders. Fine, fresh Eggs are coming forward, and such lots, while selling, are discriminated against and prices realized is a matter of negotiation between buyers and sellers. Storage eggs are selling very well.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned—Eggs which will not grade, 16½@19½c, depending on quality.

Ordinary Firsts quotable at 22@24c.

"Firsts" quotably 25@26c per dozen.

Checks or Seconds quotably 10@13c depending on quality.

Dirties quotably 14½c per dozen, and candled stock will command a higher price.

Refrigerator eggs, April Firsts were offered at 22c and 20½c bid. Extras, 21c asked and 20c bid.

The price is 4 to 6c higher than two weeks before.

APPLES—The market remains quiet and yet dealers say they can notice slight improvement in demand. Fine goods of table varieties are in moderate request and are held firmly. Common grades in barrels remain slow. There is an ample supply of barrel and box stock. Bulk apples are in fair request and steady, with arrivals small.

Market No More Crops the Old Way The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R. .....County .....State.....

Are you a member of F. S. E.....My Shipping Station is ..... On Rail-Road .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.

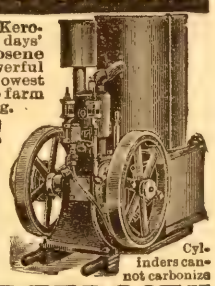
Items of Interest to Farmers

A SOCIALIST leader of Milwaukee has figured it out that the tariff imposed on all commodities costs each individual an average of $3.50 a year. This is a little less than one cent per person a day. The waste in the present system of distributing the necessities of life imposses a tax on each individual many times as great. Of the two problems the latter should claim the first and chief attention.

England, France, Germany and Italy have been having their bread riots and cheaper living crusades. Now comes Russia with protests and even violence against the high cost of living. Strange, isn't it. Yet there is an abundance produced, like in this coun-

Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing.



Cylinders cannot carbonize

Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil.

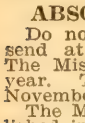
Amazing "DETROIT"

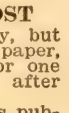
The "DETROIT" is the only engine that handles coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h. p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. **Prices (stripped), $29.50 up.**

Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you Special Extra-Low Introductory price. Write!

Detroit Engine Works, 396 Bellevue Ave., Detroit, Mich.

IF YOU STAMMER





I will send you my 93-page book "Advice to Stammerers" Free. It explains how I quickly and permanently cured myself. Profit by my experience and write for free book and advice. BENJ. N. BOGUE, 1515 North Illinois St., Indianapolis, Ind.

AGENTS PORTRAITS 35c, FRAMES 15c, Sheet Pictures 1c, Stereoscope 25c, Views 1c 10 days credit. Samples and Catalogue Free. Consolidated Portrait Co., Dept. 4058, 1027 W. Adams, Chicago.

1,000 TO BE GIVEN AWAY

Your First as Well as Your Last Chance to Accept This Most Remarkable Offer of

A Splendid Fountain Pen Free

When We Say FREE—We Mean It! This Pen is Given to You Absolutely Without Cost

Here it is; just what you have wanted, but could not afford to buy, a splendid Fountain Pen made of best quality hard rubber, screw section, fitted with high-grade composition 14-carat gold-plated nib.

This Fountain Pen you will find very useful and convenient for carrying in the vest pocket for immediate use. The Pen will be sent in a nice box with a filler. Fill the barrel with any good writing ink. It is guaranteed to give splendid service and will prove a great convenience and a joy forever.

Do Not Fail to Get This Fountain Pen **FREE**

This Fountain Pen FREE with one year's subscription to The Missouri and Kansas Farmer. Remit 25c for The Missouri and Kansas Farmer, which pays for one year, the above described Fountain Pen will be sent you free, postage prepaid.

Desiring to arouse the interest of 1,000 more wide-awake, *intelligent, discriminating men and women in the most important, interesting and timely agricultural newspaper published today, The Missouri and Kansas Farmer.*



SIX AND ONE-HALF INCHES LONG

1,000 Fountain Pens Like Cut Will Be Given Away
We Can Not Promise You a Pen Unless You Reply Immediately

We offer this most wonderful bargain, *The Missouri and Kansas Farmer, one whole year for 25c postpaid and this elegant Fountain Pen* will be sent *Free, express charges prepaid.*

If you act at once, you will be presented with the handsome Fountain Pen. Free. Yes.

ABSOLUTELY FREE OF COST

Do not miss the Great Opportunity, but send at once and get that great paper, The Missouri and Kansas Farmer for one year. This offer will not be good after November 30, 1911.

The Missouri and Kansas Farmer is published in Kansas City, Mo.; is issued *twice each month.*

The Missouri and Kansas Farmer gives facts boiled down and in plain words. The paper is beautifully printed. Each issue gives a report on our Model Farm. The Missouri and Kansas Farmer's special articles are profusely illustrated and intensely interesting. The Missouri and Kansas Farmer contains a large volume of news of general interest. The terse editorials are on topics that affect farm life, dairying, live stock and poultry raising; articles right to the point. The Home Circle articles give timely hints to the housewife. The Boys and Girls have a department, of interest to all, both young and old. Now is the time to subscribe. Write today to the

Missouri and Kansas Faamer
723 McGee Street, Kansas City, Mo.

try, and great quantities to export and waste.

Butter is selling at 30 to 35 cents a pound wholesale, and 38 to 40 cents retail in city markets. The explanation is that the milk production has fallen off and the low priced butter put in storage last summer is already coming out of storage at prices as high as they usually get. Permit us to say again that the solution of this problem must come through the farmers getting together in local unions and storing the surplus for their own account, in the cheap harvest season. Operate factories if necessary.

"We know of one farmer within a mile and a half of Albany, who was holding about a thousand bushels of wheat when those Canadians voted on and killed reciprocity. Thus the result of the Canadian election added more than 10 cents a bushel, $100 on the lot, to the value of the wheat held by this Gentry county farmer."—Albany (Mo.) Capital.

Argentinia now holds the center of the stage as influencing wheat prices. But why should any exportable surplus of that country, or any other country, affect the price here? We have no more than a home supply left, the surplus being exported while our prices were on a free trade basis, before Canada defeated reciprocity. If the farmers will set $1.25 as their price they will soon get it.

Argeninia has an exportable surplus of wheat, according to a late estimate, of 134,000,000 bushels. This is several million bushels more than last year. But an equally reliable authority reports the Russian wheat and rye crop 152,000,000 bushels less than last year. This is significant and much more than counter-balances the large surplus in the S. A. country.

Argentinia wheat crops and exports follow: (1911 figures are preliminary estimates.)

1911	200,000,000	130,000,000
1910	160,000,000	90,000,000
1909	131,000,000	72,000,000
1908	157,000,000	95,000,000
1907	192,000,000	140,000,000
1906	156,000,000	100,000,000

For July, August, September and October our wheat and flour exports were 10,000,000 bushels more than last year in the same period.

Remember the short crop of oats and keep our minimum—55c for No. 2 white, at Chicago—in mind. This means about 50c on the farm.

The insane dumping of light weight hogs is putting the surplus in the packers' refrigeration cellars and they will get the profit later instead of the farmer. The case is a parallel one with wheat.

A call for farm prices brought replies that make these marks in different states: WHEAT—Kansas, 95c@$1.00; Texas, $1.00@1.15; Indiana, 90c; Illinois, 92c. CORN—Kansas, 65c; Texas, 70@95c; Indiana, 60c; Illinois, 60@75c; Iowa, 61c. OATS—Kansas, 40c; Indiana, 40@45c; Illinois, 43c; Ohio, 45c; Nebraska, 40c; Iowa, 41c.

Nine-cent cotton will not hold the south to its late standard of prosperity. It will be an actual calamity if it prevails through the year.

Fear of free trade caused wheat farmers to market cleaner than usual. The result, the largest visible supply since 1901, but less on the farms. Our prediction, that the visible will melt in 1912 like a snowbank in May.

Dividing production by population, each person in the United States represents, or needs 34 bushels corn, 6½ bushels of wheat, 19 bushels oats, 1½ bushels barley, 1-3 bushel rye, ¼ bushel rice, 3½ bushels of potatoes.

Corn sold at $1.00 a bushel many places in 1908. The crop of 1907 was finally estimated at 2,592,320,000 bushels, compared with the October, 1911 preliminary of 2,650,000,000 bushels. Our prediction 1908 experience will be duplicated. Moral: Don't dump corn. Our prospective minimum is 75c, basis of Chicago market.

The grain and hay feed crops in the United States is about 15 per cent. less than normal, an enormous extent of territory extending into several countries in continental Europe suffered from heat and drought like our country did. Result: Feed supply in those countries 20 per cent. below 1910.

The cold spell of November 2-3 caught many potatoes undug. We believe the loss was not heavy because snow covered northern sections where the freeze was the hardest.

The Equity System at Toledo, O., wants a couple carloads of bulk apples.

Few farmers know that the United States Department of Agriculture, Washington, will analyze samples of soil free to determine what fertilizer it needs.

A Dog's Life

"Mandy, they say your husband is leading a dog's life since you married him."

"I guess he is, for he dashes in with muddy feet, warms himself comfortably by the fire and waits to be fed. If I say a word he growls."

Don't run the risk of seriously injuring your health this winter from exposure. Every farmer should have a Cozy Cab. It makes a cozy, water-proof and wind-tight vehicle in thirty seconds. Ordinarily it is the finest and most serviceable buggy you ever saw. Write for particulars to the Fouts and Hunter Carriage Mfg. Co., Dept. DF-4, Terre Haute, Ind.

Fortunes Saved by Wearers of Steel Shoes



IF IT'S TRUE that I can make your shoes last longer—keep their shape, keep your feet dry, keep them comfortable—make one pair of shoes last as long as three to six pairs of old style leather shoes—save you enough money on shoes each year to buy a lot of new fence for your farm—IF THAT'S TRUE you'd hire me for your shoe-maker from now on, wouldn't you? That's exactly what 500,000 farmers have already done. Half a million are now wearing my modern steel shoes for all sorts of work—in place of the old all-leather shoes. Every pair of these shoes was sent out for free examination. Every pair sold on sight on its own merits.

Let Me Send You Postpaid My FREE BOOK

to convince you of the solid worth of my STEEL SHOES. Your foot comfort is worth hard cash to you. Don't put it off another day. Then, after reading my book if you decide to send for a pair of my shoes—Examination FREE—you can see with your own eyes how my STEEL SHOES back up every claim—meet every need of your feet and save you $10 to $20. When my shoes arrive—if you decide to look at them—you can wear them all around the house for a good trial; if you don't like them simply mail me a post card, I'll send for the shoes, pay express charges both ways and return your money—the full amount without any quibbling or questioning. I'm writing this advertisement because it is more economical for me to reach you in this way than by coming to your town. In selling by mail, without the retail shoe store cost, I can offer my shoes at inside prices. I want *your* shoe business. I'll be more careful about fitting you than your local shoemaker. You're naturally prejudiced about an out-of-town man, but you'll lose your prejudice as soon as you wear my shoes. You'll be saying: "I'm for the fellow who has brains enough after all these years to get busy and make a shoe that will stand the weather"—the worst sort of weather—pouring, drenching rain, barnyard mud and ooze, logging, tramping on rocks—every kind of hard work. Shoes with shape and comfort. Shoes without sole leather to warp and crease, and tear out and run over and down at the heel, and get soaked through and stiff as boards.

YOU CAN'T GET WET FEET OR COLD FEET—YOU CAN'T GET CORNS, BUNIONS AND CALLOUSES IN MY STEEL SHOES. THEY PREVENT ALL THE SICKNESS AND OTHER TROUBLES CAUSED BY WET FEET

My STEEL SHOES are replacing leather shoes for all kinds of work faster than leather shoes replaced the old-time wooden shoes. Don't think steel means something hard and unyielding. My FREE Book will show you how

My Steel Shoes are Built to Fit the Foot Scientifically

—the right lines—the genuine foot-shape shoe. *They out-wear three to six pairs of leather shoes and remain comfortable and shapely to the last.* Look at this illustration, from an actual photograph of one of my STEEL SHOES worn for three years—think of it, three years of hard work! *There's your money-saving.* Now read what the man who wore these shoes says:

N. M. RUTHSTEIN, Dear Sir:—I have a pair of your steel shoes that I have been wearing for THREE YEARS for all kinds of work. Working in cement, watering in greenhouses, washing autos and carriages, and all kinds of rough work. They are a godsend. I wouldn't take any price for them if I couldn't get another pair. I used to suffer terribly with weak arch before wearing your steel shoes, but have no trouble now.
W. J. Bradley, New York Mills, N. Y.

That's one reason why *you* may suffer from tired, sore, aching feet. The arch of your old leather shoes has nine chances out of ten broken down, lost shape. You've become flat-footed, maybe you've had to put in shanks to support your instep. That's the worst thing that could happen to your feet. Now, my STEEL SHOES have fine inner soles of springy, hair-cushion to take all jar. They can't break down, they can't lose instep shape. On hardest roads, the longest day's work your feet are comfortable. You don't have to put in shanks and if your feet are in bad shape now from hard work in leather shoes my STEEL SHOES will put them in condition again.

My STEEL SHOES keep out the heat and the cold. They are warm and dry in winter; cool and dry in summer. My FREE BOOK gives sizes and prices. It will prove to you conclusively that all I say is not half of what *others* have said in praise of my shoes. I can fit your foot perfectly. I can save you $10 to $20 on every pair of shoes and I can give you *sure foot comfort and health.*

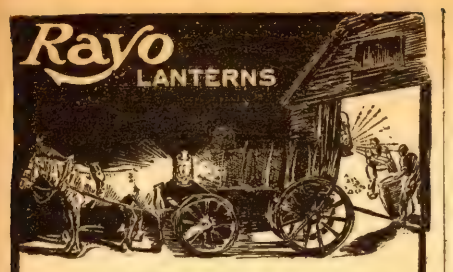
Let My FREE Book Prove IT—Write For It At Once

Let me send it by next mail to show you how easily I can fit *your foot*—the exact size, no difficulty. Remember, I'm an expert shoemaker. I've fitted half a million farmers, not to mention the thousands of men in other lines of business now wearing my STEEL SHOES. The soles are stamped out of thin, rust-resisting, seamless, special process steel—from heel to toe and around the edges and above the sole as shown. No cracks—no seams. Studded with adjustable steel rivets which protect from wear and give a firm sure lower footing. When rivets wear out you can replace them easily and quickly yourself—no trouble—they keep your shoes in good repair for two years. 50 rivets cost 30 cents.

The uppers are made of special waterproof leather—best quality—pliable. Water or cold can not penetrate. Your feet are constantly dry and comfortable. *When it costs only a penny post card to investigate, what's the use of suffering discomfort, catching cold, getting bad feet and paying out a lot of extra money for shoes that look good to start with but won't stand the weather and the wear?*

Canadian Fct. Toronto, Can. **N. M. RUTHSTEIN** The Steel Shoe Man **Great Britian Fct. Northampton, Eng.**

227 7th ST., RACINE, WIS., U. S. A.



Brightest, Strongest and Best

You need the most powerful and reliable light you can get when loading the wagon for market in the early morning.

Rayo lanterns are the most powerful and reliable lanterns on the market.

They do not flicker, but burn with a steady, brilliant light. They will not blow out. They are economical, because, besides being moderate in price, they give you the greatest light value for the oil they burn.

Rayo lanterns are made in numerous styles, sizes and finishes, to suit any use. Best material and workmanship. Simple in construction, yet reliable and strong.



All Rayo lanterns are equipped with selected Rayo globes—clear, red or green, as desired. Wicks inserted in burners, ready to light.

Dealers everywhere; or write for descriptive circular direct to any agency of the

Standard Oil Company
(Incorporated)

$50 TO $300 SAVED

We are manufacturers, not merchants. Save dealers, jobbers and catalog house profit. I'll save you from $50 to $300 on my High Grade Standard Gasoline Engines from 1¾ to 28 H.-P. price direct to you lower than dealers or jobbers have to pay for similar engines in carload lots for spot cash.

GALLOWAY

Price and quality speak for themselves and you are to be the sole judge. Sell your poorest horse and buy a **5-H.-P. only $119.50**

You Can Make From $5 to $10 a Day

Direct From My Factory on 30 Days' Free Trial. Satisfaction or money back. Write for special proposition. All you pay me is for raw material, labor and one small profit. Send for my big BOOK FREE.

Wm. Galloway, Pres.
Wm. Galloway Co.
505 Galloway Station
Waterloo, Iowa

BE A BANKER

Farmers' sons wanted in banks. Exceptional opportunities. Work is pleasant; hours are short; salary good. By our new system we can teach you in a few months by mail. Write for catalog.

AMERICAN SCHOOL OF BANKING
102 McLean Bldg., Columbus, Ohio

SPRINGFIELD STEEL CRIB

SAFE against mould, rats, mice, fire, lightning, hurricane & time. Open sides permit two weeks earlier husking. Costs less than wood. 150 sizes & styles. Easily erected. **Free catalogue. Wm. Bayley Co. 99. North St. Springfield, Ohio.**

Metal Hame Fastener

Does away with straps. Every farmer and teamster delighted. Outwear harness. Fasten instantly with gloves on. AGENTS 140% profit. Indispensible when once used. FERRY'S HANDY HAME FASTENERS bonanza for agents. Many sell dozen an hour. Sample 25c, doz. $2.75 Circular and wholesale price free. COONER & FORTUNE CO. Dept. A INDIANAPOLIS, IND

My New Census Business Guide

the fastest sellin book on earth. Agents earning $1 daily. Every living man needs it. Write for my free outfit today.
PROF. NICHOLS, Dept. U, NAPERVILLE, ILL.

REQUEST ADVERTISERS WANT TO Know in what Paper you saw Them. Therefore We TO their Advertisement you Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers. **READERS.**

UP-TO-DATE FARMING

Production and Marketing

SURPLUS WATER ON THE FARM

MOST farms in the rain regions have an excess of water at some time during the season. This water will remain more or less on the surface in the form of a slough, swamp or pond, and the land so occupied is worthless so far as production is concerned; or the water will find its way to lower ground through drains or ditches of its own make. These natural ditches are very likely to be of a tortuous nature and waste valuable land.

Of course, all farmers know the valuable of underdrainage, tile drainage. It is not our purpose now to speak of that. But we have seen so many farms on which acres of good land was injured or wasted for lack of drainage or by artificial ditches that we are prompted to write. The common farmer possibly the too common farmer, concludes that ditching is not in his line, and he magnifies the amount of labor required to make or change a ditch. This is often a costly conclusion, and sometimes results in the waste of dollars in value that a few hours of not very hard work would save. We can not tell each farmer where a ditch should be made, nor how great its capacity to make it answer the purpose, but the eye of any farmer ought to tell him where the natural place for the ditch is, the place where it will surest carry the water away and occupy the least quantity of valuable land. Ditches should be made as straight as the surface formation of the ground will allow, and the dirt from them should be built up so as to prevent overflows in places where these are most likely to accur, and there should be care to not build a bank that will prevent the water that drains toward the ditch from getting into it. Always build up the bank on the side of the ditch whence the ground slopes from it, and put no dirt on the side where the ground slopes to the ditch. The worst problem of what to do with the dirt that comes from the ditch is where the ditch goes through the lowest place and the ground slopes to it on both sides. It must be arranged in some way so as not to shut the water out of the ditch.

While on this subject, we way say the usual treatment of ditches in cultivated fields is bad. In breaking, if the soil is turned toward the ditch, the bank of the ditch will soon be higher than the ground through which it runs, and the surface water can not get into it from either side. The result is likely to be the formation of a ditch on both sides of the ditch already there, and the farmer has three ditches instead of one. On the other hand, if in breaking, the soil is thrown from the ditches there is an open furrow as near the ditch as the team can travel, and this furrow catches the water coming from either side and carries it down to the lower ground, also making three ditches instead of one. The thing to accomplish is to keep the ground sloping into the ditch as nature has arranged it, so as to carry away the surplus without the possibility of making other ditches. It is a problem, of which, after all, underground tile draining is the best solution.

But don't fear to make ditches where needed, to straighten the unnecessarily crooked ones, and to stop the needless washes. It requires less actual labor than farmers generally believe.

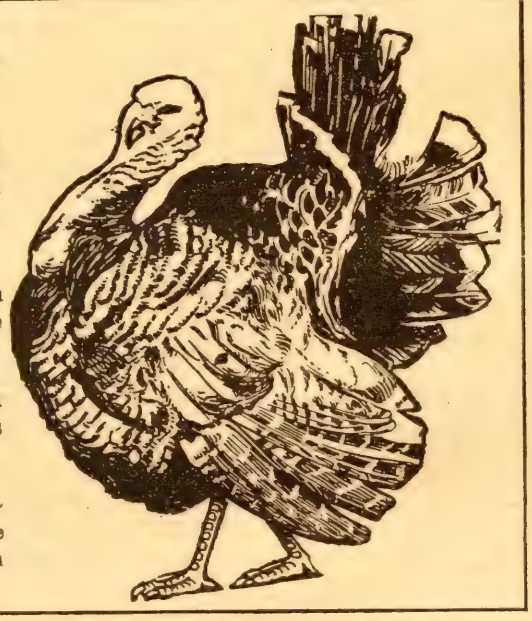
O, give thanks unto the Lord, for He is good; for His mercy endureth forever.

He causeth the grass to grow for the cattle and the herb for the service of man, that he may bring forth food out of the earth.

Thou crownest the year with flocks; the valleys also are covered with corn.

Thou crownest the year with Thy goodness, and Thy paths drop fatness.

Blessed is the man that considereth the poor; for the Lord will deliver him in time of trouble.



Grumpy—"It is easy to know those children over there belong in the city; they are constantly speculating in things on the farm and gamboling in the wheat and corn."

INTENSIVE FARMING

AT THE Indiana Conservation Congress that met in Indianapolis October 28, the very dominent sentiment was, "Make two blades of grass grow where only one grew before." All of the speeches having anything to do with the soil or the crops were pitched to this tune. Every mathamatical problem was worked out by the rule that if 50,000,000 bushels of produce is worth $50,000,000, 100,000,000 bushels will be worth $100,000,000; 200,000,000 bushels will be worth $200,000,000, and so on ad infinitum.

In this enlightened age, and as UP-TO-DATE FARMING is nearing its fifteenth birthday, any speaker who pitches his utterances on that key assumes that his audience is composed of chumps. There is hardly one of the old time fallacies that has been more completely exploded than the one that profits from the farm increase in exact ratio with the increased volume of the crops. On the contrary the reading and thinking farmer knows that the ratio is an inverse one—as a crop is increased beyond a certain point the profit decreases. The cotton crop of 1911 is a case to illustrate this. Referring to this crop the Charleston News and Courier says:

Intensive farming may very well prove to be a curse instead of a blessing if not sensibly used. We mean by this that if intensive farming is to be employed in the planting of cotton only, doubling the production while not halving its cost, the final economic effect will be poverty instead of prosperity. Intensity in farming is but a concomitant of diversification. The two must go together if good results are to be obtained. It surely is not the object of the south to make two pounds of cotton grow where only one grew before if the same acreage is to be planted. Rather is the idea to cut down the acreage in cotton, devoting it to the salvation of the section. The farmer who has been able to plant ten acres of cotton is benefited if he discovers how to raise just as much cotton on five acres, provided he uses the other five acres at his disposal to raise supplies, or to raise some other crop. In this way he introduces a new factor of safety, and at the same time he protects other producers. Manifestly, if the entire south sticks to cotton and yet doubles the capacity of the lands, there will be an annual overproduction, with resultant low prices. Intensity is a good thing, but only in so far as it is accompanied by diversification.

How It Is

"Father, what is a man who leaves our party and goes into the other one?"

"He is a traitor, my son."

"But, father, suppose he leaves the other party and comes into ours?"

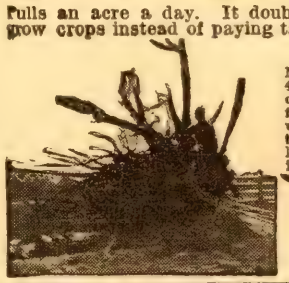
"Oh, he is a convert, my dear."

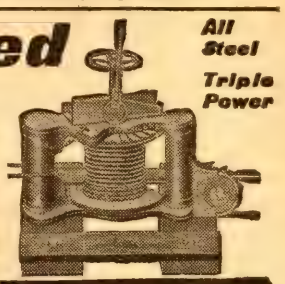
Big Stumps Pulled Quick and Easy

All Steel Triple Power

No Stump can Resist the Hercules

Pulls an acre a day. It doubles land values. Enables you to grow crops instead of paying taxes on land that yields nothing.



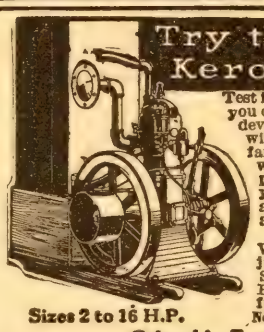


HERCULES

More power than a tractor. 60 per cent lighter, 400 per cent stronger than cast iron puller. 30 days' free trial. 3-year guarantee to replace, free, all castings that break from any cause whatever. Double safety ratchets insure safety to men and team. Accurate turning means light draft. Mail postal for free book showing photos and letters from owners. Tells how to turn stump land into big money. Special introductory price proposition will interest you. Write now.

HERCULES MFG. CO., 160—17th St.
Centerville, Iowa

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All these you saw in Up-to-Date Farming

THE PUMPKIN IN THE FIELD

AS AUTUMN comes we are led to think of crops that were neglected at planting time. The pumpkin is apt to be one of these, and the big, juicy globes, or flattened globes, are missing from the fields. The pumpkin is not valued as it should be. It may be easily and profitably grown alone, preferably on rich, new land or land that has been well manured, or it may be grown as a by-product with corn. A Vermont correspondent says tons of them are grown among the corn in that state, sometimes as many as five tons to the acre; and we have seen them growing abundantly among the corn in Illinois, Indiana, Kentucky and Missouri. It is said by those who have grown them so, that they do not seem to affect the corn yield at all, and the shade of the growing corn, letting in occasional glints of sunshine, makes ideal conditions for the pumpkins, and the same cultivation produces both.

What an aching void there is in Thanksgiving without the traditional pumpkin pie! There may be an aching after Thanksgiving dinner that is well supplied with pumpkin pies, but it is not an aching void. And pumpkin pies are just as good at other times as they are at Thanksgiving. Besides pumpkins may constitute a welcome dish on any table, and it may be prepared in many attractive ways. It is specially handy during this year of the scarcity of potatoes and other vegetable products, and of fruits in many places.

A problem connected with the pumpkin is its preservation. The pioneer method of drying it cut in rings and hung on poles suspended in the kitchen or elsewhere, has gone with the pioneer days, but modern ways of cooking and canning ought to apply to pumpkin as well as to fruits and various vegetables. Pumpkins, however, may be kept until late in the winter by bringing them from the fields before frost, and covering them with straw or other protecting material in a warm and sheltered place, or by putting them in a dry cellar, or in the basement of a barn. The need is to keep them dry and free from frost.

After all, though, the greatest general value of the field grown pumpkin is as a feed for stock. It is excellent as a supplemental feed with corn for fattening hogs, or for growing pigs or suckling sows. It is good also for cattle, but when fed to milch cows it is perhaps better to remove the seeds, as some claim the seeds have a tendency to reduce the flow of milk. We have fed pumpkins to horses with what we regarded as good results. As a by-product it will pay to grow pumpkins more extensively than they are grown.

HOUSE THE MACHINERY

IT IS AUTUMN. Where are the farm implements and machinery? One can scarcely go through any farming locality without seeing valuable machinery in the open, taking the weather as it comes. On some farms every implement or tool used during the season is calmly reposing where it was used last. This may be the Uncle Threadbare class of farms, but they help to make up the country's farms and farm life.

This reckless neglect of farm tools is not merely a waste of wood and ironwork; it is an absolute waste of money. Weathering wears machinery worse than use, and no farmer should feel that his season's work is over until every implement is carefully housed. The secret of success is in saving rather than in earning.

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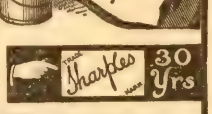
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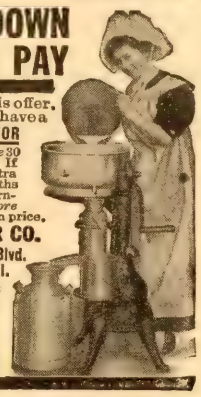
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UP TO DATE LIVE STOCK AND DAIRYING

THE LIVE STOCK OUTLOOK

THE market for horses seems to be somewhat depressed, and prices a little bit on the decline. The same is true of mules, but there is nothing discouraging in either case. The fact is, the horseless age is a long way off yet, and farmers need have no fears of over supplying the demand for either horses or mules. But we actually live in a discriminating age, and the better grades of both horses and mules are what meets the readiest sale and brings the best prices. We are speaking in this article not of the city or public markets that are reported in the papers, but of the country trade, the demand and buying for actual use that has not the element of speculation in it.

There seems to be not much reduction in the demand for cattle outside of the speculative market, and even the speculative trade is well maintained. Prices are good, especially in the local market for actual use. This is specially true of milch cows, which command record-breaking prices at country sales. The habit of vealing calves still prevails to a regretable extent, and that keeps the supply of beef stock and of cows below the demand; but it may be noted that the high country prices of milch cows is having a tendency to save the heifer calves. We earnestly advise farmers to keep the calves. To do so is like investing the price of the calf, which, at first thought, seems like leaving too much money in a small animal, but every day and every hour adds value to the calf, and undoubtedly makes the investment a good one.

Hogs seem to be sliding downward in the general market, but we note no reduction in the price of meat, and in the local country trade the downward slide is not perceptible. Indeed, it takes as much money to buy a broow sow or a sow and pigs in the country as it did when the markets were reported the highest. The country trade in the local markets for shipment to the general markets controlled by the packers, of course, meet the reductions made by the speculative buyers. The shortness of grain this year makes the keeping of hogs by farmers more of a problem than at other times, but we advise farmers not to fool their stock hogs away. Rather do a little managing in order to keep them cheaply and profitably.

The sheep market is more difficult to understand than any other. A few years ago the price of sheep went skyward, until it seemed that the value of sheep as a farm product was to be revolutionized. Such occurrences are generally followed by an overproduction that gluts the markets and depresses the prices. There seems to be no proof of anything of this kind in the matter of sheep. There may have been some increase in the number of sheep in some places, and a decrease in others, just about maintaining the usual number, yet prices have gone down to quite an unaccountable degree. Evidently as much wool is needed as at any other time. The mills are busy and woolen goods are protected by the high tariff of several years past. Woolen goods must be in as great demand as at any other time; if not we know not why. Yet the price of wool is much lower than it was a few years ago. There may be a reduced demand for the mutton, but the retail price of that article is well maintained. As we have said, therefore, the lower price for sheep is difficult to account for. Still we would advise farmers not to sacrifice their flocks. We can see no reason why there should not soon be an up turn.

And all these considerations bring before us very prominently the importance of farm organization on the true basis of acquiring knowledge of whatever pertains to the farmer's welfare. If the farmers knew, how much better could they manage! Why are the unexpected and unaccountable changes in price? Why is there such a rush to buy just at a time when the farmers seem most anxious to sell, and why do prices almost always take a tumble just at that time? Where is the stuff really needed, and where must it finally get in order to supply the real demand, and how could it be most cheaply got to that point?

If farmers knew these things trade would take an entirely different form, and the farmers would be the most independent people on earth. They would then understand their business, and what comes from the farms would be in truth what it now is only in name, the basis of all other business.

An organization to really meet the farmers' needs must supply this very information, and it must direct that kind of trade, not for one crop or product only, but for all crops and live stock. This paper represents that kind of an organization, and it is building up that system of marketing, a system that will bring better and steadier prices to farmers, but will supply the needs of the users at prices much below what they now pay. If prices rise too high or fall too low, farmers in this organization will know the reason why; and so will the consumers, for the farmers will be able to tell them.

HELP FOR THE HOGS

THE farmer that this year had a field of peas to turn his hogs into as the pods ripened was a gainer. Peas were late this year. It was so dry during the summer that sowing was deferred, and then the peas were slow in their earlier growth. Then came the general rains at what should have been the harvest time, so that it was almost impossible to save the peas for seed or hay. Under such circumstances the hog was decidedly the most profitable harvester.

Another lucky hog raiser is the one that has an early sown field of winter rye to turn the hogs on. That makes a valuable pasture, and it will last until well into the winter. The managing farmer is very apt to be the successful one.

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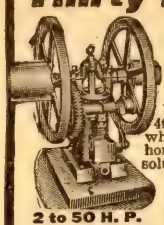
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TOYAH VALLEY Most fertile in the southwest. Irrigated lands produce everything. Price $75 per acre up. Address Secretary, Commercial Club, Balmorhea, Tex.

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a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

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will clean them off without laying the horse up. No blister, no hair gone. $2.00 per bottle delivered. Describe your case for special instructions and Book 8 E free.

ABSORBINE, JR., liniment for mankind. Removes Painful Swellings, Enlarged Glands, Goitre, Wens, Bruises, Varicose Veins, Varicosities, Old Sores. Allays Pain. Price $1 and $2 a bottle at druggists or delivered. Manufactured only by

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Send 50c for 100 fine white envelopes—full size—with your name and address in corner. 100 noteheads, ruled both sides, 50c. Both $1.00, postpaid. Guaranteed best work. Sure to please or money back.

EQUITY PUBLISHING CO.,
Indianapolis, Ind.

Tell them you saw the "ad." in Up-to-Date Farming

INVESTMENT IN A BROOD MARE

A WRITER in one of our exchanges gives the experience of his father in investing $20 in a colt that grew into a brood mare. In nine years the mare's colts had sold for $500 cash, in spite of the fact that the last colt, a fine one, died when young. And the mare had done valuable service on the farm during all the years.

We can beat that in our own experience. In 1883 we bought a small, by no means attractive, but well bred, four-year-old mare for $75. In thirteen years this mare brought ten colts. She was always bred to good sires, and, being well bred herself, all her colts were better than their mother. All but one of them were mare colts, and we kept most of them for brood mares. In 1896, of this mare's colts and her colt's colts, besides some we had sold at good prices, we had fourteen head of valuable horses. We can not give the gain in dollars because we sold too irregularly, but we never lacked for work teams, and always had valuable animals to sell whenever we wished to do so. We kept the old mare until she was twenty-two years old, and two colts were produced after the ten, and the mare herself never failed to do good service on the farm until old age gave her her liberty.

Of course, this is an extreme case, but there is profit in brood mares.—Associate Editor.

A GOOD WORD FOR THE PACKERS

THE great packing house combines have done the world good service in some respects, at least. Before they grew up into such giant establishments butchering and meat saving was done generally all over the country, and much that was actually valuable went to waste. The big packing houses, however, have learned to save everything. What will not sell by the pound as meat to be cooked in the kitchen of the users is put up in an attractive form as prepared meats of various kinds, and as such finds a ready sale and supplies a need keenly felt by people of moderate means. What can not be made into food at all is converted into something else that is useful—fertilizers, bone meal, poultry feed, and we know not what else.

This materially increases the world's supply of useful things, and it so adds to the business and income of the packing houses as to enable them to sell the meats cheaper, or to pay the stock raisers more, or, by an equitable division, to do both. But does it? "Ah, there's the rub." Were it not for the mania for gain, the greed that sacrifices everything to build up profits, the present craze among the wealthy for exorbitant salaries, and accumulations "beyond the dream of avarice;" if these institutions were conducted on the principles of equity, they would be a greater blessing to humanity.

A SHEEP FEED RACK

DON'T waste anything. On many farms the feed methods are horrible. We have seen bright, clean fodder thrown in the mud, and even hay and corn. Such a practice involves a shameful waste, and it cheats the stock—much of the feed they were expected to get being lost in the mud.

This is particularly true in feeding sheep, and these animals should always have a rack for their rough feed and convenient troughs for their grain. Not long ago we visited a farm that had once been a large sheep farm, and the old barn had been practically abandoned, but there was the feed rack running through the center and the troughs all around the walls, giving silent testimony that there were progressive farmers in this country years ago.

Send for free roofing samples to the Chicago House Wrecking Co., Chicago. Also ask for their roofing catalog No. 204. If you want to save money on all your supplies, groceries, etc., write for their catalogs.

Meet Me in Mississippi

Or, if you can not find time just now to go and visit me in the great, new, money-making wonderland of the south, then leave it to me to tell you about it, and try my best I can not picture it one-half as good as it is.

No matter whether you are looking for a new home in a grand, new, healthful country, or simply want to make an A-1 investment—here's your chance.

I have found a new garden spot that will raise almost anything you want to grow, and make money for you all the time. I have been all over these lands myself. I have even taken a spade and dug down into the soil, to see if I could find what in the world made the ground so fertile. And I found dirt—good, rich, warm loam, underlaid with the right kind of clay, and ready to burst into bonanza crops, if someone would only plant the seeds. My own son is down south, and you can bet he wouldn't be there if I thought there was any other better place than on the

Lampton Lands of Mississippi

I have sold other lands, but the Lampton Lands are a pet project. While these lands have been eagerly sought after for years, until now they could not be bought in small parcels, as they were owned by parties who would sell only in bulk and for all cash. We paid all cash, and own, free and clear. The Lampton Realty Company is a great company of energetic business men, residents of Mississippi, with ample capital. They have their hearts in this tract. But they need to divide the lands among the people, in 10, 20 and 80-acre tracts to reap the harvest that development brings. Those earliest to join with them in this will share with them in the large profits. I have seen similar lands under similar conditions rise in value from $20 to $500 per acre. I have faith in the Lampton Lands, and recommend them to you, because:

The Soil is Right

A rich, responsive loam, underlaid with clay, fertile beyond the best of high-priced corn lands of Illinois and Iowa. Easily worked; raises tremendous crops, and is adapted for figs, pecans, satsuma oranges, peaches and other fruits which produce fortunes from a few acres, as well as for truck and general farming, staple crops of corn, cotton, highland rice, sweet potatoes, peanuts, etc.

The Climate is Right

No extremes of heat or cold. Sunstrokes are unknown. Average winter temperature 52 degrees F.; summer 81 degrees F. Two and three crops of vegetables a year are the rule; strawberries are grown at Christmas. Shirt-sleeve weather every month—invigorating and healthful always.

The Location is Right

First, we are on a high elevation, away from all swamps. The rainfall is abundant, the drainage is perfect. New Orleans and other cities are within a few hours by rail and furnish a greedy market at high prices for all the produce our lands will raise. Plenty of game, too, and good sport for hunters and fishermen.

The Profits are Big

Fruit raising, stock farming, sheep raising and general farming flourish in a way wonderful to those used to the stingy crops of the North. The Lampton Lands are already well occupied by settlers who have made remarkable successes. Adjoining lands now sell from $50 to $100 per acre.

L. S. Ward, a resident, writes: "Have lived here all my life and never been sick. Cattle fatten themselves—haven't fed mine for five years. The natural country for figs, satsuma, oranges, pecans, etc. Two-year-old fig trees bear 40 pounds. Great for rice, oats, soy beans and clover crops. Got $750 from syrup alone on four acres."

I Want You to Read My Land Book

It tells how, with as little as ten acres, you can quickly acquire a competence by settling on the land, or earn big interest on your money if you hold for speculation. Terms are easy and introductory prices are low. My advice is that you look into the Lampton Lands now, while this great section is young.

All you need to do now is to send for my book. It will tell you of my honest, square deal way of doing things. Your success will be my success, and with the Lampton Lands behind you, you can not fail. My experience of a lifetime is in this book. Write for it today. I will send it free by early mail.

S. S. THORPE

Sales Manager for the Lampton Realty Co.

1255 First National Bank Building, Chicago, Ill.

FERTILE VIRGINIA FARMS

N&W RY

$15.00 PER ACRE & UP—EASY PAYMENTS

Productive soil, mild climate, fine water, good roads, close markets, unsurpassed school and social advantages. *Now, while you think of it,* write for the latest issue of "THE SOUTHERN HOMESEEKER," other literature and low excursion rates.

Address F. H. LaBAUME, Agr'l Agt., Norfolk & Western Ry., Box 3033 Roanoke, Va.

YEARLY RAINFALL 45 INCHES

Money Making Southern Land

In Delightful, Healthful Baldwin County Alabama.

There is no section of the United States so healthful as Baldwin County. The climate is ideal. Warm in winter and cooled in summer by the fresh sea breezes from the Gulf of Mexico. It is a perpetual pleasure to live in this county. The land will produce crops that net $100 to $400 per acre. Fruits, including Satsuma Oranges, make large profits. Berries and Nuts are big money crops. Early vegetables are grown for northern markets in January and February, when prices are highest.

Stock raising and Poultry raising are very profitable. Green pastures the year around. Money crops every month. Baldwin County produces the famous shade grown wrapper tobacco, often yielding $1,000 per acre. Its sun grown tobacco sells at a fancy price.

Two or more crops produced on the same ground every year.

I have the best lands for all purposes at low prices. One company selling tobacco land at $125 per acre. I have equal land at $25 per acre up. Will be glad to correspond with intending purchasers and assist in selecting. Lands sold on easy terms if desired. Information free.

L. GLENDINNING, Box 1, ROBERTSDALE, ALABAMA.



INDIAN RUNNER DUCKS

BARGAINS. In order to make room for young stock, my breeders are offered from $1.00 up. Prices on White Rock and Dutch Eggs cut in half. Book Indian Runner Duck Culture A to Z. 50c.
J. B. HOWE, Poultry Judge, Fortville, Ind



COMPARE!

Compare the big extra size frame, the heavy all No. 9 Peerless Fence filling and the

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of the Peerless gate, to the light, flimsy frame, small wire filling and paint covering of the ordinary gate. Besides this, the

PEERLESS SELF-RAISING GATE

never sags or drags on the ground. Automatically lifts up free and clear, swings over snow, ice, grass or rubbish. You can see a difference.
Ask your dealer to supply you. If he will not, ask us.
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13 CENTS PER ROD UP

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Fences for horses, cattle, sheep, hogs, chickens, etc. *Special low bargain prices.* We pay the freight.
Ornamental Lawn Fences and Gates
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FARM FENCE
11½ cts. a rod
for a 26 in. high hog fence; 16 1-2c. a rod for 47 inch high stock fence: 28c a rod for a 50-inch heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barb wire, 80 rod spool, $1.40. Catalog free.
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BOX 45 MORTON, ILLINOIS.

STRONGEST FENCE MADE
26-inch Hog Fence,.....15c.
47-inch Farm Fence,.....23½c.
60-inch Poultry Fence.....30c.
80-rod spool Barb Wire, $1.40
Many styles and heights. Our large Free Catalog contains fence information you should have.
COILED SPRING FENCE CO. Box 88 Winchester, Ind.

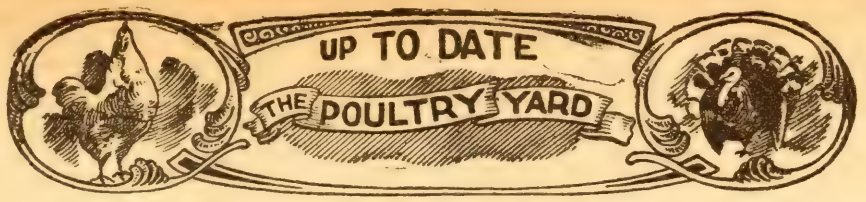
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QUINCY Box U-12 ILLINOIS

World's Biggest and Best Poultry Paper

50c One Year—$1.00 Three Years

DEVOTED TO BETTER POULTRY AND MORE OF IT."

The reliable Poultry Journal, Grant M. Curtis, editor, is a sure guide to successful poultry keeping. It contains from 80 to 224 pages each month and is illustrated by the world's best poultry artists—Sewell, Schillhorn and Burgess. How to make money with poultry on both small and large poultry plants is told in its columns by the best known breeders and writers. R. P. J. believes in "Better poultry and more of it" and endeavors to teach "HOW TO MAKE POULTRY PAY," for that is what interests the majority of our readers. Besides instructive, well-illustrated articles, there are various departments dealing with poultry topics. Questions of subscribers are answered through the paper or by mail. In addition we are publishers of the largest Poultry Library in the World.
Successful Poultry Keeping, $1; Poultry Fixtures, 50c; Artificial Incubation and Brooding, 50c; The Chick Book, 50c; The Plymouth Rocks, $1; The Wyandottes, $1; The Asiatics, 50c; Ducks and Geese, 75c; Capons and Egg Farms; 50c; The Leghorn, 75c; Turkeys, 75c; The Bantam Fowl, 50c; Reliable Poultry Remedies, 25c; Egg Record and Account Book, 25c; The Orpingtons, 75c; The Rhode Island Reds, 75c.
Catalog giving full description, club-raising rates, etc., free.



BEES AND HONEY

MORE bees than are could be profitably kept on the farms. Honey producing plants grow without cultivation and are generally weeds, the honey in the bloom being the only thing of value about them; though, of course, there are plants that are grown specially for the honey they produce, and grown profitably, too. There are other plants that are rich in honey, and rich in other products also; and most fruit bloom is rich in honey. At all events, the honey gathered by the bees is a clean gain to the keeper, for if it were not so gathered, no matter from what bloom, it would be entirely lost; bees are the only thing that can save it and make it useful.

Honey is a good article of human food; it is almost universally liked as such, and the demand is far ahead of the supply. Hence, there is a never flagging demand everywhere, and prices are always profitable—practically all profit.

It must not be understood from this, however, that there is no expense attached to successful bee-keeping. If bees do their best they must have skilful care and attention. Much study is required to insure success, and it is scarcely advisable for farmers to undertake the business unless there is some one connected with the family that is adapted to the work, and that will take an interest in it for its own sake, and has the time to give it necessary attention. A writer on this subject puts the cost, aside from the bees themselves, at from 50 cents to $1.00 per colony. This is to include foundation sections, occasional new hives and other incidentals, but this does not cover the cost of setting up new colonies after swarming.

The average product of bees per colony throughout the country is from 25 to 30 pounds of comb honey, or, if extracted, the average is put at 40 to 50 pounds, as honey may be taken from combs that would not go into the market as such. If sold direct to consumers, extracted honey brings from ten to twenty cents a pound, and comb honey from fifteen to twenty- five cents per section. If sold to dealers the price usually varies from six to ten cents for comb honey. An important thing in selling is to have a good article which depends largely upon the source of the supply for the bees, and the facilities given them for nicely storing it—clean hives, old comb properly removed, neat frames and fresh sections with good foundation or starters properly fixed in the sections. Then, too, much depends on how it is offered for sale. In this respect, farmers lose money in marketing most products. People buy that which is put up in the most attractive style. That is particularly true of honey, which, whether comb or extracted, should always be put up in an attractive way—nice glass cans, quart of half gallon, for extracted, and carefully cleaned sections or crates for the comb honey.

LANGSHANS

We can give no better answer to a subscriber who asks us about Langshans than to quote from Mr. George E. Howard, of the Department of Agriculture:

"Langshans are the smallest and most active of the Asiatic class. They are a practical fowl in more senses than one, and their prolific laying and excellent qualities make them a profitable fowl for the farmer and market poultryman. They are one of the oldest varieties of poultry, and have always been held in popular esteem. The shape of the Langshans is distinct from that of the Brahma or Cochin and should not be confused with either of the last named varieties.

"The quality of the flesh of the Langshan is excellent, being fine grained, tender, and nicely flavored. As layers they rank among the best, averaging from twelve to thirteen dozen a year, and as winter layers they are to be recommended. The chicks are hardy and mature early. Langshans are good sitters and mothers, being of gentle disposition; they are easily kept in confinement or on free range. Being excellent foragers, they are ideal fowls for the farm, and will gather during the year a considerable proportion of their food.

"The standard weight of cocks for both varieties is ten pounds; hens, seven pounds; cockerels, eight pounds, and pullets, six pounds."

WORK TO A PURPOSE

ANYBODY in any business should have a definite object in view. That particularly applies to the poultry raiser. The prime object, of course, is profit; but through what means, the sale of eggs or of chicks and fowls? Or is it through the sale



of both? Whichever it is, work to that end. If eggs is the main object, try to know that you have good layers, and so treat them as to encourage the greatest egg production. If you are depending most upon the sale of birds, aim to get them earliest on the market in such condition that they will bring the highest prices at the least expense. If both, combine your efforts so as to secure the best results in both lines. Having the best layers is no bar to having the earliest and best marketable fowls. The main thing is to have a purpose and work to it.

Something Every Farmer Has Wanted

Time and labor-saving machines have not been confined merely to the city business man. The modern farmer recognizes the value of his time and energy as much as anyone, and he has been quick to adopt machinery and methods to further this end.

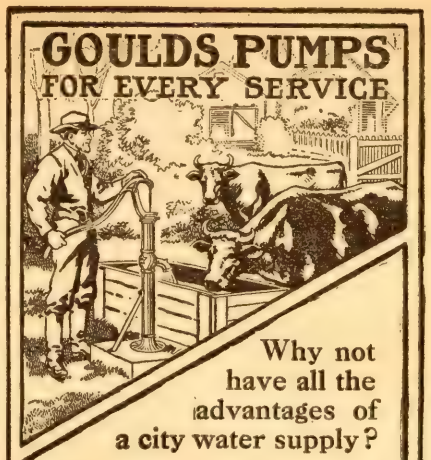
The result is that one farmer can do more today than five, twenty-five years ago. Machinery has supplanted human energy—that is the whole story.

There has always been one thing on the farm that has been done exactly the same all these years. The wagon box is, with the exception of a few minor changes, just the same as it has been for years. Every time a farmer wants to haul a load of wood, hay or barley or pick a load of corn, he changes his wagon box—or must have several different wagons with different beds. You know this to be a fact yourself. With the new box bed, recently put out by the American Wagon Company, Desk J, Chicago, all of this heavy lifting and tugging and wasting of time is entirely eliminated.

This new box bed answers every purpose. All you need to do is to turn a couple of simple catches and the change is made. It represents *fifteen different and distinct wagon beds in one, and,* coming direct from the factory to farm, costs little more than the ordinary "single use" box bed. It is well worth your time to get their descriptive catalog, to be had free for the asking; write Desk J.

"How do you propose to support my daughter, young man?"

"Why, I only proposed marriage, sir!"



Why not have all the advantages of a city water supply?

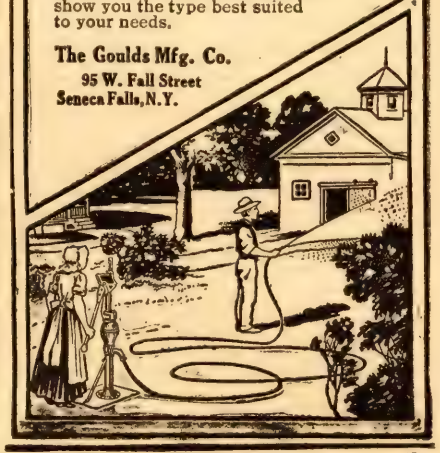
Water right at the sink will save the wife many steps; water in the barn, stable, dairy or stock yard will save your men time and strength that is needlessly wasted. From our large line we can meet any requirement. Tell us your water problem and we will gladly help you solve it, no matter how small or large it may be.

Don't buy an inferior pump.

The difference in cost between the best and the poorest is so small, compared with the big difference in service, that you will always be sorry you did not buy a Goulds.

Read Our Free Booklet
"Water Supply for the Home"
before you think of buying any pump. It contains many valuable suggestions on pumps and pumping and will show you the type best suited to your needs.

The Goulds Mfg. Co.
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APPLE GROWING The healthier the tree, the better the fruit. The longer trees are sprayed with "SCALECIDE" the more beautiful, healthful and fruitful they become. "SCALECIDE" is the acknowledged leader of all soluble oils—the only one containing distinct fungicidal properties. "SCALECIDE" will positively kill all soft-bodied sucking insects without injury to the tree. Let us prove these statements. Send today for free booklet "SCALECIDE—the Tree Saver." Address B. G. PRATT CO., Mfg. Chemists, 50 Church St., N. Y. City.

GINSENG $25,000.00 from one-half acre. Easily grown throughout U. S. and Canada. Our booklet C E tells particulars. Send 4c for postage, McDOWELL GINSENG GARDEN, Joplin, Mo.

TIME TO PLANT will soon be here. We sell direct to planter at lowest prices for best of Stock. Apple and Cherry trees 8c, Peach 4c and up. Send for Catalogue. It's valuable to you. ERNST NURSERIES, Box 11, Moscow, O.

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Sold direct to you at factory prices on 30 days trial. Save the dealers profit. Farm, Hog and Poultry Fence at from
11½ CENTS A ROD UP.
All wires are heavily galvanized 80 rod spool of Ideal galvanized Barbed Wire $1.40. Write to-day for large free Catalog showing 100 different styles and heights of fencing
Box 289 KITSELMAN BROS. MUNCIE, IND.

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100,000 satisfied users
Incandescent. 100 Candle Power. Burns common coal oil. Gives better light than gas, electricity or six ordinary lamps at one-sixth to one-tenth the cost. Fits your old lamp Unequaled for fine sewing or reading.
COSTS ONLY ONE CENT FOR SIX HOURS
We want one person in each locality to whom we can refer new customers. Take advantage of our Special Offer to secure a Beacon Burner FREE. Write today. Agents Wanted. HOME SUPPLY COMPANY, 254 Home Building, Kansas City, Mo.

These FREE 4 RINGS



Write for 12 sets Collar Buttons & Pins to sell at 10c. a set. Remit $1.20 when sold and we will send FREE these 4 genuine gold plated rings guaranteed to give satisfaction.
FRIEND SOAP CO.
Dept. 455 Boston, Mass.

THE QUAIL ON THE FARM

THE Department of Agriculture issued a press notice early in November from which we quote the following paragraph:

Every state in which they are abundant, from New York to Nebraska and from Florida to Texas, opens its quail season this month, with the exception of Georgia, where the opening is delayed until the first of December. The season is already open in New England, Michigan and Minnesota, where quail are few, and in the western states, whose quail differ from the bob-white of the east. Eastern sportsmen may take the field from the first day of this month (November), except in Delaware, Kentucky, Ohio, Kansas, South Carolina, Tennessee, Louisiana and Oklahoma, where shooting begins on the 15th, and in Indiana and Illinois, where it begins on the 10th and 11th, respectively.

There is not a more useful bird or wild animal on the farm than the common quail, and the farmer who does not protect it makes a great mistake. In summer quails devour millions of the worst insect pests we have, and in winter they live largely upon the seeds of our worst weeds.

The quail is the only living thing that relishes the chinch bug as an article of diet, and it is impossible to estimate how many of these pests a single quail may devour in a season; and during the fall, and even in winter, quails seek out these insects in their hiding places, when to destroy one is equal to destroying hundreds next spring.

If it were any use to appeal to hunters, we would certainly do so in the strongest but kindliest words, but chronic hunters have a mania for what they call "the sport," and they would not give it up even for the public good. But we appeal to farmers. No one has a right to hunt or shoot on another's premises without permission of the owner. The hunter's license does not carry with it that right. True, the authorities in most states hold that wild game belongs to the state, but that claim does not seem to us well founded in regions where every inch of territory is owned by private citizens. The game lives and gets its support on the property of individuals, and, therefore, can no more belong to the state than the berries and nuts that grow wild in the fields.

But the state assumes the ownership, and grants license to hunt and shoot "its" game. But it gives no authority or license to go onto another's premises to do so. If the hunter goes onto the land of another without permission of the owner, he violates the law that protects private property, the easiest law under which to convict. The owner does not have to prove that the hunter shot anything, or even that he had a gun; if he was there he was a trespasser, and the courts must find him guilty.

This law is for the farmer's protection, and every farmer is justified in availing himself of it, specially so during the present season. In many localities the number of chinch bugs on the farms is alarming, and every quail that is killed or frightened off the premises is that much done to protect the chinch bug and aid in its ruinous multiplication. Should the chinch bugs destroy the wheat next summer, as they have done in past years in many localities where this paper circulates, and go from the wheat into the corn, the farmers that permit quail shooting on their farms will be largely responsible for it.

A Very Successful Prescription

The combination of remedies used in the manufacture of Bodi-Tone is proving a wonderfully successful prescription for old, chronic ailments. The makers of Bodi-Tone publish this prescription broadcast, so all may read and judge it for themselves. Bodi-Tone contains Iron Phosphate, Gentian, Lithia, Chinese Rhubarb, Peruvian Bark, Nux Vomica, Oregon Grape Root, Cascara, Capsicum, Sarsaparilla and Golden Seal. Read the trial offer on last page. No one need pay a penny for Bodi-Tone until they have tried it.

Ever think what a motorcycle could do for you? Lots of farm errands it can do. Lots of trips it will save the horses or auto. A motorcycle can carry 200 pounds of freight or an extra passenger. Send for a free booklet explaining which the Harley-Davidson Motor Co., 979 L. St., Milwaukee, Wis., want to send to each reader of Up-to-Date Farming.

FREE to Women

This Grand 31-Piece Empire Dinner Set

A BEAUTIFUL DINNER SET TO EVERY WOMAN WHO ANSWERS THIS ADVERTISEMENT

Our new easy plan for getting this Magnificent 31-PIECE DINNER SET is the most liberal offer ever made. Never before was a plan devised that was quite so simple and easy, and never before was so much value and real worth given which required so short a time on such a small effort to get it. Our plan is so simple, new and easy that one or two hours is all that it will take you to get it. This 31-PIECE DINNER SET is not only beautiful, but serviceable. It is a set that will give you much genuine pleasure and satisfaction, and one which you will be proud to possess and show to your friends.



WHILE WE HAVE GIVEN AWAY MANY VALUABLE PREMIUMS, THIS IS THE BIGGEST, BEST, MOST DESIRABLE AND MOST VALUABLE ONE WE EVER GAVE.

Empire China is a high art production of the famous Carrollton Potteries, noted makers of American China, which in itself is sufficient guarantee of the excellent quality of the Empire China Set, which comprises 31 pieces in all—made from clays imported from Europe which places it on a par with the finest imported ware. The pieces are all of the first grade (not seconds), light in weight, but very tough and very durable, snowy white in color, except the decorations, with a Haviland glaze which gives it a smooth and velvety appearance.

This Set Consists of six large plates, six cereal or fruit bowls, six cups, six saucers, six butter plates, one extra meat plaque—A set of ample proportions for the average household.

Safe and Quick Delivery Guaranteed—This set of 31 pieces of Empire China is carefully packed in a substantial wooden box, and is shipped by freight direct from the Carrollton Potteries, and safe delivery of each individual piece is absolutely guaranteed, and the set is shipped the next day after the request for it is received. Prompt arrival is assured.

TO EVERY WOMAN AND GIRL

We are going to give to every woman and girl who answers this advertisement the opportunity of getting this **31-Piece Empire Dinner Set free** by simply doing us a little service in her neighborhood, which will take only a few hours of her time. The service we wish you to do is to give away a big package of our extra fine DeLux Post Cards in connection with our Great 25-cent Introductory offer.

SEND NO MONEY

Just send me your name and address on a postal card or use the coupon below. We will then send you, all charges prepaid, 16 large packages of Post Cards for 16 of your friends, these Post Cards are very choice, artistic and beautiful—the finest in the country. We trust you with these cards. WE DON'T WANT ANY MONEY IN ADVANCE; we send them to you prepaid. Just as soon as you distribute these 16 packages of Post Cards on our new 25-cent introductory plan, and send us the money we will send you immediately this grand **31-Piece Empire Dinner Set.**

WE POSITIVELY GUARANTEE

that this **Empire Dinner Set** will be exactly as represented, also safe delivery of every piece. We replace any pieces that are broken in transit. We pay all the postage on the package of Post Cards, and guarantee the distribution to be easy, simply and quick work, and if found otherwise you are under no obligations to us and you may return the Post Cards at our expense.

WRITE US TODAY

Just send us your name and address on a postal card today, or use the coupon and we will send you the big package of Post Cards by return mail so you can begin without further delay to distribute them, and it will be only a question of a few days until you have this **Grand Dinner Set in your home.**

J. A. EVERITT, President
Equity Publishing Company

Department 103 **Indianapolis, Ind.**

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COUPON 103

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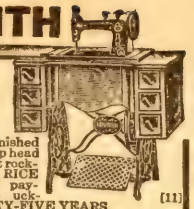
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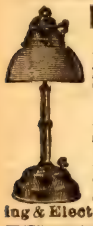
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UP-TO-DATE FARMING
Indianapolis, Ind.



THANKSGIVING

YES, there is much to be thankful for. Health and the right exercise of mind are inestimable. Many have not these. Friends to cheer and console and lighten our burdens are almost more than temporal blessings. We do not like to think that anybody lacks these, but some have them not or are unable to appreciate them. Opportunities for doing good, for helping ourselves and others, for making the world brighter and the people around us happier, are things to be thankful for. All have these to a greater or less extent, but some do not know when they come nor how to improve them.

From the standpoint of a farmer, there is not so much to be thankful for as there has been in other years. Powers beyond human control have neutralized or minimized the results of the farmers' hardest labors, and crops have fallen far short of reasonable expectation, but still comes the sunshine and the shadow, the rain and the cheering breezes. The pastures have feed supply, and the daylight still smiles away the darkness of the night.

We know more than we did last year. Experience has taught a dear school, perhaps, but we are wiser because of it. We know our rulers too often think more of themselves and their plans than they do of the welfare of those they were chosen to serve. We know that farmers labor under greater difficulties and have more to contend against in general business systems than have any other class. We know that the bulk of these difficulties grow out of the farmers' unorganized condition, and we have learned that these things will never be changed for the better until the farmers themselves change them. We know they can do that by organization, but it may take a supreme effort to do it. We know that there is a system clearly within their reach that will change all these evils into good, and that there is an organization earnestly working it out and solving the problem that will bring the farmer to the front, and secure for him what is his own.

There is much to be thankful for.

CONVENIENCES IN THE HOME

THE work and duties of life are different from what they used to be. On every part of the farm there are conveniences that were not thought of a few years ago. Machinery and improved implements have revolutionized farming. Put any farmer back to the methods of half a century ago, and he would not only be the laughing stock of his neighbors, but he himself would not know what to do next nor how to do it.

These changes for the better are very marked on the farm, but how about the home inside, and especially the kitchen? There are improvements in the home as well as outside, but it is the rule that improvements and conveniences get inside much more slowly than they do about the barns and in the fields. The object of this article is to induce an investigation in the home, and especially the dining room and kitchen. Have improvements in these important places kept pace with those that have so greatly changed the work out doors?

Many are now building new homes; are labor saving devices and arrangements being thought of in the plans? If the dining rooms and kitchens are adjoining rooms, and they should always be, an opening in the wall between them with a shelf on each side, is a simple arrangement that will save more steps than any other that could be made. This opening may be in reach of the stove or range on one side and of the dining table on the other. Then with a step the dishes of food from the kitchen may be passed to the table, and after the meal the used dishes may be thus passed back to the kitchen for washing, and so on. It is easy to have a sliding door, preferably on weights, so as to glide up and down, to close this opening when desired. Such an arrangement cuts almost in half the work between the kitchen and dining room.

Then to bring things from the cellar and return them thereto, a simple elevator is easy to arrange, and may take at a single time what would otherwise require several trips up and down the cellar stairs.

Most modern kitchens now have convenient cupboards built in the walls, but either with or without these, the modern kitchen cabinet is a convenience that can not be over estimated. It need not be expensive, but it is full of conveniences.

Oil and gasoline stoves, especially for summer, are great conveniences. Upon them a meal may be quickly cooked without the labor of building a fire, or suffering from the ordinary heat of the kitchen. These modern implements need some special care to keep them in order and prevent their giving out annoying smoke or gas, but those who can manage an ordinary coal oil lamp may as easily manage a coal oil stove or range. Gasoline is much more dangerous, more explosive, and requires greater precautions in handling. Hence, for country homes we prefer those that burn coal oil.

And what of the fireless cooker? That seems to be a great invention of very recent years. With this a dinner may be prepared while cleaning up the breakfast dishes. Having once properly placed the dinner in the cooker, say those have used it, no further thought need be given it until it is time to serve the meal. The first use of the cooker was to save fuel and simplify the cooking of articles that require long boiling, but it is now made to do baking and roasting; and it is claimed that these results may be superior to those obtained in or on the stove or range. Food thus put to cook in these cookers may be left for several hours with no danger of boiling over, burning, or becoming overdone.

These are mere hints. Modern invention has provided for the home as well as for the field, and the housewife deserves the best there is.

Why She Was in a Hurry

"Could you wait on me before you do these other ladies?" asked the woman in the crowded drug store; "I am in a great hurry." The clerk dropped all other business and filled her prescription at once. "Thank you," she said, as she started away, "I was afraid my dear little dog would wake up and be lonesome if I was not there."

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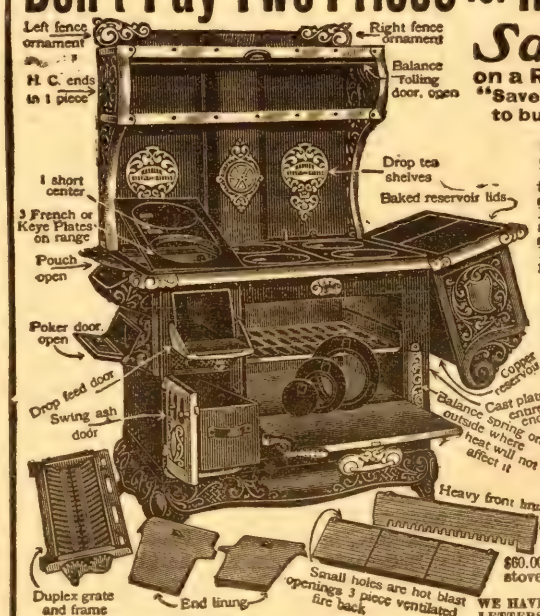
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SAML. L. WADE,
Prof. English.

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This preparation of herbs, leaves, flowers and berries (containing no tobacco or habit-forming drugs) is either smoked in an ordinary clean pipe or smoking tube, and by drawing the medicated smoke into the mouth and sending it out through the nostrils in a perfectly natural way, the worst case of Catarrh can be eradicated.

It is not unpleasant to use, and at the same time it is entirely harmless, and can be used by man, woman or child.

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An illustrated book which goes thoroughly into the whole question of the cause, cure and prevention of catarrh will, upon request, be sent you by Dr. J. W. Blosser, 106 Walton street, Atlanta, Ga.

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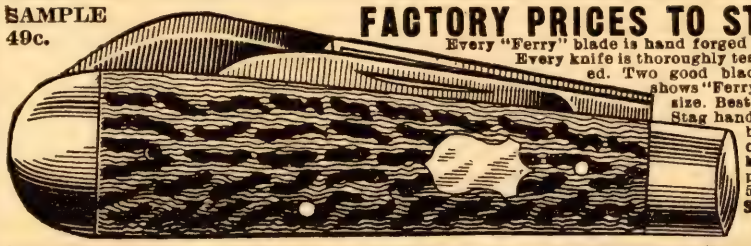
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Please send me the 115 needles, and I will do my best to secure a club for the Parlor Lamp.
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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

THE Cadets of Equity now exceeds fifteen hundred writers, Miss Bertha Hale, whose letter appears first in this issue, being the fifteen hundredth. We are proud of this army of young people. Not many of them know one another except as writers residing in all parts of the country, but they have sentiments, feelings and aspirations much the same, and we are sure their lives will result in the accomplishment of many good things that will make men and women greater and better. The unpleasant part of it to us is that we can not print all the letters, but we are sure there is pleasure in writing even the letters that are not printed. This is the best season of all the year for pushing subscriptions to Up-to-Date Farming, and we depend upon our writers to continue to help us along these lines.

DEAR CADETS: I am an Ohio girl, and enjoy reading your letters very much. I am a nurse and have but recently come home from the city. I like town, but I think I shall like the country better, because there is so much fresh air here. I think I shall stay home this winter. A nurse does not get much pleasure only in attending to sick folks; but I enjoy it, especially when some good old country person comes in; they are much easier to nurse than some town people. I enjoy taking care of my patients and like them all; and I believe they like me.

By the way, I just baked a fine cake, and will give the receipt: 1-2 cup of butter, 1 1-2 cups of sugar, 3 eggs, 1 cup of milk, 2 1-2 cups of flour, 2 teaspoons Royal baking powder, 1 teaspoonful vanilla. Mix the dry ingredients, butter and sugar, add beaten yolks of eggs and vanilla, then alternately milk and flour. Beat well and bake in three layers in quick oven. My sister takes Up-to-Date, and we all enjoy reading it. My father likes it for farming prices. Our farm isn't very large, but there is only my father to farm, and with his advancing years, it is enough for him to do. I have two brothers in the city, but they will buy a farm before long, as they both like farm life the best. I would like to exchange cards with the Cadets. I am 24 years old, and will answer all cards or letters I receive.—Bertha Hale, Bladen, O.

DEAR CADETS: Will you please to allow an Arkansas youth to join you? I am a boy of 18, and live on a farm. I take Up-to-Date Farming and am a persevering student of it. I think it is the most instructive and valuable paper ever published, and I will do everything that I can to advance it. I am shocking rice now. Rice is the chief industry down here, still we can raise most anything. I will exchange cards with any of the readers of this paper.—Harry K. Webster, Crocketts Bluff, Ark.

DEAR CADETS: I have been a reader of Up-to-Date Farming for several months, and I think it one of the finest papers I ever read. I was born on a large farm five miles west of Live Oak, and that was my home until I was 12 years old. We raised corn, cotton, potatoes, sugarcane and all kinds of vegetables. But in 1904 my father moved to town for the purpose of educating the four children that were still with him. I went to the Suwannee high school four terms, then I traveled with my father for two years. Now I have just finished a business course in the Southern Business College of Live Oak, and will soon be able to hold a position as a telegraph operator. On April 27, 1907, I was accidentally shot, losing my left hand, and almost losing my leg, but like most other crippled folks, I can do anything I want to with one hand. I would be glad to receive cards from all the Cadets, and will answer all I receive.—Archie B. Carroll, Live Oak, Fla.

DEAR CADETS: I have been greatly interested in your letters which I have been reading for some time. My father takes Up-to-Date and thinks it a fine paper. I am 17 years old, and live on a farm of 160 acres, six miles from Stuttgart, a beautiful and industrious city. It has two large rice mills, rice being the principle crop here. The daily capacity of the mills is 600 and 400 barrels, and during harvest time they are run day and night. We have five horses and 47 head of cattle; and we raise oats, cotton, cane and corn. We have in about fifty acres of oats now, October 16. I will gladly exchange cards with all the Cadets, especially those of the West.—Clara Wherton, Stuttgart, Ark.

DEAR CADETS: Will you admit an Empire State girl? I have been a reader of the Cadet page only a short time, but I enjoy it very much. I live about two miles from Lake Chautauqua. I have always lived on a farm. I am 18 years old and would like to exchange cards with any of the Cadets near my age, especially those from Florida, Texas, West Virginia and Oklahoma.—Ella Plass, Jamestown, N. Y.

DEAR CADETS: Will you let a jolly blacksmith into your circle? I am 42 years old, six feet tall, have blue eyes and blonde hair, and weigh 180 pounds. I love farming and gardening, and I love to raise chickens. I love to read the Cadet letters; they give us a good idea of different parts of the country and what the people raise. I have taken Up-to-Date Farming two years, and have read most every letter the Cadets have written. Our crops here in Bert county are very good this year, though excessive dry weather cut all crops a little short, but potatoes shortest of all. I would be glad to receive cards or letters from the Cadets. I am unmarried.—Charles W. Metcalf, Tekamah, Neb.

DEAR CADETS: Will you let a heavyweight Michigan girl join you? I am 14 years old and weigh 170 pounds. Going some, isn't it? But it is the truth. My father takes Up-to-Date, and I enjoy the Cadet page very much. We have four orchards that have about 3,000 bushels of apples this year, for the best of which we will get $1.80 per barrel. Potatoes are very high at present. I would like for the Cadets to exchange letters with me.—Hazel Holben, Kent City, Mich.

DEAR CADETS: I am 16 years old, and have been taking Up-to-Date Farming for some time, and like it fine. I always turn to the Cadet page first. We live on a farm of 80 acres. The main crops are oats, wheat and corn. The country through here is thickly settled, and the land sells at from $100 to $140 per acre. Some are commencing to grow mint, which pays some $75 per acre. I have a brother and sister married, and I am the youngest of the family, but please do not forget me, for I would like to exchange cards with all my Cadet friends.—Frederick A. Hochstetler, Bremen, Ind.

DEAR CADETS: I am a New York girl, not a farmer, but I lived on a farm several years ago. I very much enjoy the Cadet letters; some of them are certainly fine. Our little village of Castile is a very interesting spot—dreadfully slow in winter, but it is a great summer resort for rich city people. We have a large sanitarium, and that helps our village greatly. We are but a few miles from the great Genesee river and the famous High Banks with their wonderful scenery and the Letchford state park. Castile has been a temperance town for about 30 years. Do the Cadets know of a place that can beat that? I am an earnest church worker and Sunday school teacher. I would like to hear from all the Cadets, especially from our soldier Cadet V. R. Pyrum, of Texas, and Frank Phillips, of West Virginia. I am 18 years old, and am fond of riding horseback.—Loretta Van Cise, Castile, N. Y.

DEAR CADETS: The other day when I returned from school, I was looking through the mail, and what did I find but a copy of Up-to-Date Farming? From curiosity I looked through it, and found the letters from the Cadets. I was not slow in asking my father if he had subscribed for it, and, to my delight, he had. I am 18 years old, and a senior in the high school. I study Latin, German, English, physics and solid geometry. Our school is located in a town of about 800, and I walk a mile and a half to it every day. I live on a farm of 120 acres, and have lived on a farm all my life. There is no place like the country. The land around here is all black and very fertile, and well drained. Corn is the chief product. It was very dry this summer, but the rains came in time to save the crops. The grass is a beautiful green now (October 14), and we have had very little frost or cold weather. I have only one brother and he is 15 years old, so my piano is my principle companion. I will be glad to hear from any of the Cadets or readers of Up-to-Date Farming of my age or older.—Maude Lehman, Dallas Center, Iowa.

We close with the names and addresses of the writers whose letters are crowded out:

Lillie J. Deese, White House, Okla.	
Roscoe Pirtle, Bruceville, Ind.	17
Lena Reppen, Alton, Kans.	18
Addie Johnson, Clinton, Ark.	18
Anna Simonson, Kimball, Minn.	17
Ella J. Young, Hubbard, Ohio	18
Elizabeth Pietrick, Ashland, Wis.	18
Clarence Zimmerman, Sauk Rapids, Minn.	

Special Letters

Merrell Ellis, a Cadet from Griffin, Ga., sends a subscription, and becomes a Pioneer of Equity. He also writes an interesting second letter from which we glean the following:

Our largest farm product this year is cotton. There are thousands of acres here. In some places the fields look white like a sheet was spread over them. My father is a florist and I am a poultry crank. Though but 13 years old, I raise Buff Orpingtons and White Leghorns. Next year I expect to do a large business, as there is a great demand here for poultry.

C. Henry Ericson, El Campo, Tex., a Cadet who writes a second letter, says: "I enjoy reading this paper more and more each issue, for it sets me to thinking of things which I have never thought of before. I will try to get a few subscribers for you a little later, as I am quite busy now."

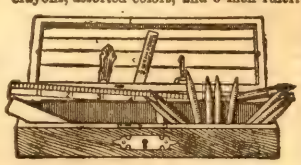
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The Box is well made, nicely finished and varnished, with hinged cover and lock. The interior is conveniently partitioned to keep contents separate. Box contains pen holder, and pen, pencil, pencil sharpener, eraser, chalk, package of 9 crayons, assorted colors, and 6-inch ruler.



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WHY let the winter months pass as a season of consuming and non-producing? Why not make good wages this winter the same as summer?

Thousands of our readers are trappers. Every one is so situated that quite a nice sum can be made from just a few hours' work each week.

We have received reports from subscribers who last year made as as much as $50 to $125 from trapping alone.

No furbearers, you say? Have you looked closely? They're everywhere. A reader in the city limits of Chicago caught $25 worth of muskrat and mink last year.

Of course he was not in the built-up section of the city.

It's simply a question of getting out your traps and giving them a little attention.

Furs will bring good money this year. Send your name to advertisers in this issue and ask to be placed on their mailing lists. This secrvice is free and will enable you to keep posted. It may be worth dollars to you, and a postal will give you the service.

SOME GOOD SETS

DEAR EDITOR:

I am very glad that you have started a Hunting and Trapping department, for I am a lover of outdoor life. I hope that my brother trappers will send in some of their methods for taking fur-bearing animals.

Nine years ago this coming winter I started trapping, and have been at it more or less ever since.

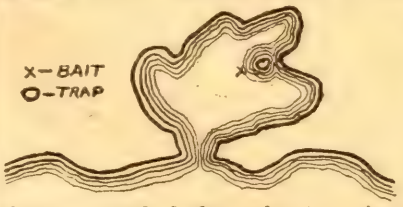
Two years ago last fall I bought a three horse-power launch engine and put it in a flat-bottomed boat. I had then as daisy a launch as any one could well need for trapping. That fall I put out 125 traps, all Victors. About half of these I looked after with the launch.

I have never taken a great deal of mink, but will give one of my methods.

First, I look for mink signs along creeks and rivers. About the best sign I know of is their droppings, which you will find on an old log or rock—very seldom anywhere else. Find some place where the land projects over, forming a runway. Set your trap in the runway and cover with some water-soaked leaves. Fasten the trap chain to a stake and drive the stake out of sight. Cover chain with mud. Set trap lengthwise of the runway.

If you fail to find a suitable place, dig a hole back in the bank about eighteen inches, and six inches wide, low enough that there will be about ten inches of water in it. Tie a piece of bait to a stick and push it into the hole out of sight. Bait should be a chicken head, a whole fish or a piece of mink. Set the trap at the entrance, under the dater.

I will also give a sketch of one of my fox sets that will be found very valuable to my brother trappers. Other animals than foxes will be caught in it. This set should be made



about a week before the trap is set. Find a hole of water near a stream, with an inlet from the stream. The hole should be at least four feet in diameter. The bait should be a bird tied to a stake driven out of sight. Place a big piece of sod for your trap as shown. Set so the pan will just be out of water. Place a piece of light moss on the pan of the trap. When the fox notices the bait he steps on the first thing he sees, which here is the moss on the trap pan. Tie the trap to a rock of about thirty pounds. I will send more of my methods later.—R. A. Phillips, Muscatine Co., Iowa.

Will Send Photos

DEAR EDITOR: My father has been taking Up-to-Date Farming for three years. We think it is a fine paper, and I always read the Hunting and Trapping Department.

I have nine Victor steel traps and will try to catch some fur this winter. I caught a muskrat and an o'possum last night (November 4).

My sister has a Brownie camera, and when she comes home I will have to take some pictures and send them to you. (Will be very glad to receive them.—Ed.)

I am trapping this winter along a drainage ditch which runs through our farm.—R. Francis Long, Lee Co., Ill.

POST CARD OFFER RENEWED

WE ARE very much pleased with the response to our request for original contributions to our Hunting and Trapping Department. Many interesting letters have been received, all of which we hope to publish.

The letters are all so good that we have decided to renew our offer of a Surprise Package of Post Cards for original letters, telling of the trapper's success on his line; for sketches of trap sets, photos of animals, trapping grounds, etc. This set of cards comprise those for every occasion, Birthdays, Greetings, etc.

Get busy now, while you think of it. The cards will be sent by return mail.

What She'd Get It In

"Bessie, where are you going?"
"To the town pump to get some water."
"In that miserable dress?"
"No, sir, in this bucket."

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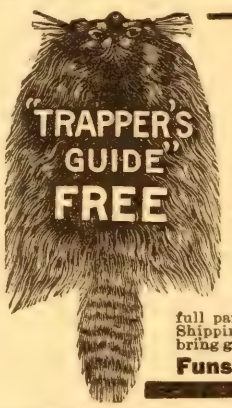
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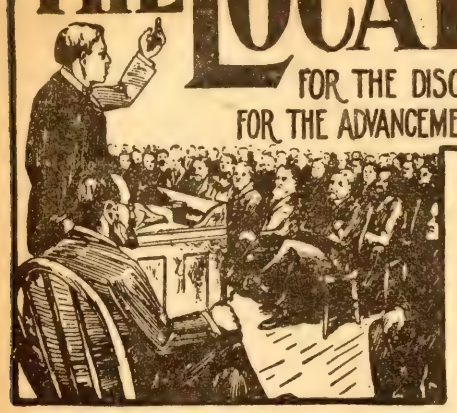


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THE LOCAL UNION

FOR THE DISCUSSION OF ALL FARM PROBLEMS FOR THE ADVANCEMENT OF CO-OPERATIVE FARMING



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden."* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union of the F. S. E.

Whenever a reader of UP-TO-DATE FARMING reaches that condition of mind that he believes the farmers of his community should do more of their own business of selling and buying, instead of paying an enormous price to have it done by middlemen, he should take steps to organize a local union of the Farmers Society of Equity. A local union is wanted at every market town and city. This is a *business* organization and the local union headquarters must be where the business is done, not at school houses.

The first step will be to interest nine or more of your neighbors with you (ten is the least number that may organize a local union). When you have ten or more names write to headquarters—Farmers Society of Equity, Indianapolis, Ind.—for full instructions, blanks, etc. But don't stop canvassing for names of *charter members.* Get all you can. Numbers inspire confidence and the benefits you will get from your union will largely be in proportion to the number of members.

When you get instructions from headquarters you can call the meeting and organize any time. This is done by electing the officers—a president, a vice-president and a secretary treasurer—and giving the first degree—"Lesson on Co-Operation"—which is not secret, but may be given in a public meeting of the members. But this will be explained in the instructions.

The Membership Fee

is $2.00, which must be apportioned as follows: Where the organization is effected without the assistance of an organizer, put 20 cents in the local union treasury for general expenses, and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year; 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The new organization must be reported to the National Union by the secretary, or organizer. Members may be admitted at any meeting and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply necessary blanks.)

The Emblem



of the Farmers Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of justice and equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

It is claimed by good authority that a few bankers in New York city practically control the money of the country; that a few railroad men control the transportation of the country; that a few coal mine operators control the output of coal and the prices it shall sell for; that a few men, chiefly in Chicago, control the grain and live stock markets, and are securing control of butter, eggs and poultry.

—o—

In all the cities there are smaller cliques that operate on a smaller scale and beneath the greater captains of industry referred to. For instance, once each day a few people constituting a clearing house, settle the commercial transactions of a city in a few minutes; also a few commission men, in some cities, meet and decide on prices that shall prevail for farm produce for that day; the same way when a change in the price of coal is desired it is made by all the dealers at the same time; ditto ice, etc. Every person who buys at a public city market has noticed how the price of a commodity is the same all down the row, for an equal quality. The price was agreed on and passed along.

—o—

The result is a stability of business. Under such conditions a business man can make definite calculations. He knows, when he buys his supplies from the man higher up, that all his competitors pay the same price for like goods at the same time. Then when he gets the goods he knows that his competitors are going to sell at his prices. Clearing houses and trade understandings, are for convenience, greater expedition of business and as safeguards. We will not argue that the condition guarantees against taking unfair advantages. But we do believe such co-operation most often is to the benefit of the public.

—o—

But the point we want to make is that farmers have not developed the clearing house idea as much as they should. They have not been brought to a realization of its advantage to them. They have not known just how to go about applying the method to their business, but on the contrary, all their business is done on the competitive basis unless the party they deal with sets the price and applies it with all the farmers. Such a case is the growing of crops for a canning factory, or milk to creamery.

—o—

The business of a group of farmers in a community presents a problem that the clearing house idea will fit admirably. For instance, in buying binder twine, farm implements, coal, groceries and even furniture and clothing. If all such purchases were cleared co-operatively, through one store for each class of goods, or direct from the manufacturers, a great saving could be made. A community of farmers have no clear idea of the buying power they possess until they exercise it. Or the clearing house idea may be directed through a cannery or creamery; or a warehouse, or elevator to store and ship grain, potatoes, fruit, etc. Some places a broom factory might be operated, since it is usually impossible to get a fair price for the corn brush, but good brooms have a set market value in thousands of markets.

—o—

The primary object of the Farmers Society of Equity is to get profitable prices for the crops. If the raw crops can be sold at profitable prices then we do not recommend going any further. But if there are crops that go to waste, or crops for which the available markets will not pay fair and profitable prices in the raw state, it is the duty of the producers to manufacture them. When manufactured they can get the prices set by the other manufacturers, and which are usually quite stable and profitable.

—o—

Local unions of the Farmers Society of Equity are urged to consider these matters. Take them up and discuss them in your meetings. **You must make your unions profitable.** Simply paying the membership fee and having your name enrolled is not enough. Do business. Get what money you are entitled to. Not all the money you can get by practicing extortion, but enough to make your business as profitable as any other business requiring equal intelligence, investment, skill and labor.

—o—

Communities remote from large cities present a marketing problem more difficult than those around large cities. These are the places where local unions of the Farmers Society of Equity are most needed. We have not attempted to lay down fast rules to be followed, but get the local union and it will represent enough intelligence and business ability in its membership to handle every marketing and buying problem with the general outline of plans the literature of the society and its official paper give.

—o—

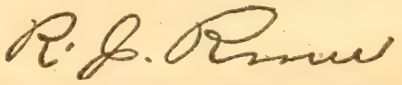
Through the local union can the dumper, the great bane of agriculture, be reached and controlled. The farmer who knows nothing of farming but producing can be taught that the selling side is far more important. The handicap of the dumper must be removed. It can be removed by getting him into the open local union meeting and finally enrolling him as a member. In this way the co-operating members save a brother farmer and in doing so strengthen themselves.

THE ETERNAL TROUBLE

THE abominable writing of some of our correspondents causes us more anguish and waste of valuable time than all other things that enter into our office work combined.

People who can write a neat, legible hand become careless. Usually there is no particular difficulty in deciphering the body of such letters, but when the carelessness is carried to the name and address it is different. To illustrate:

Below is a fac-simile of the signature to a letter received from a member.



His name is Riner. But who would make this name from the writing? Now Mr. Riner can write a legible hand, but he has the careless habit. If it had not been that he is a member, and we could refer to the record, we probably could not have reached him with a reply to his letter.

All names should be written perfectly distinct. We can look up addresses in the postal guide, but even this should not be necessary, but names are different, and wrong names are the cause of letters, papers, etc., not reaching the right destination and are responsible for nearly all the complaints to headquarters.

Write distinctly. Print your name if you can't write it so it can be read at a glance.

MEETINGS IN OKLAHOMA

J. A. Harman, District Organizer for the F. S. E., Shawnee, Okla., announces meetings for the purpose of organizing local unions of the Farmers Society of Equity, to be held at the following places:

Stillwater, Okla., November 10-11.
Glencoe, Okla., November 13-14.
Pawnee, Okla., November 15-16.
Hallett, Okla., November 17.
Terlton, Okla., November 18.

All farmers in the vicinity of the above places are invited and urged to attend the meetings.

If you want to learn more about California write for the free information which will be sent by W. G. Neimyer, Gen. Agt., Union Pacific Ry., Room 10 W. Jackson Blvd., Chicago. California can be visited in luxury now at low expense. Why not see wonderful, golden California this winter? Write for handsome, valuable booklets.



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selling the Automatic Combination Tool in your home county. A Fence Builder's Tool, Post Puller, Lifting Jack, Vice, Wrench, etc. Used by Farmers, Teamsters, in Factories, Mills, Mines, etc. Weight 24 lbs. Capacity 3 tons. No experience necessary. Free instruction. Write for special offer to live agents. Send no money, name county where you live.
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Write for our legal binding bond to place graduates in position sure if 20 to 35 years of age and mentally and physically O. K. We can quickly fit you for a big paying position no matter where you live, in your spare time at home. Learn from practical Railroad men. This is the school indorsed by R. R. Managers. Write now.
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Mend all leaks instantly in graniteware, hot water bags, tin, copper, cooking utensils, etc. No heat, solder, cement or rivet. Any one can use them. Fit any surface. Smooth. Sample box, 10c. Complete box, assrtd. sizes, 25c, postpaid. Wonderful opportunity for live agents. Write today. Collette Mfg. Co., Box 183, Amsterdam, N.Y.

Farmers Sons Wanted with knowledge of farm stock and fair education to work in an office; $60 a month with advancement, steady employment, must be honest and reliable. Branch offices of the association are being established in each state. Apply at once, giving full particulars. The Veterinary Science Association, Dept. 12, London, Canada.

Makes repairs neat and quick. Mends harness, shoes, canvas. Myers' Sewing Awl makes Lock Stitch. $1 prepaid. Big money for agents.
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I will send 12 of the prettiest souvenir post cards you ever saw for 4c to pay postage and mailing if you will show my cards to six of your friends.
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HONEY Fine, homegrown, fall honey, amber in color and rich in taste; also western alfalfa honey, much milder and very excellent. Prices and samples on request. DADANT & SONS, Dept. I, Hamilton, Ill.



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Thousands have become successful shop owners by our method and send to us for barbers. We must supply them. LEARN NOW and ACCEPT A JOB THAT PAYS WELL. Light, clean, inside work. Few weeks qualifies. Tools given. OUR MANUAL IS SPLENDID FOR HOME PREPARATION. Particulars mailed. Write today. MOLER BARBER COLLEGE, 46 E. Washington St., Indianapolis, Ind.

1911 National Convention of the Farmers Society of Equity

The next national convention of the Farmers Society of Equity will be held at Indianapolis, beginning December 12, next.

At this convention national officers will be elected and every other thing done that may be considered for the good of agriculture and for the extension of the Society. As relates to the election of officers, we quote from the by-laws as follows:

ARTICLE IX

Officers

Sec. 3. The officers of the National Union shall be a President, a Vice-President, a Secretary, a Treasurer, a National Organizer, other Directors to make nine, and a Director to represent each principal crop or class of crops as they may be grouped in the plan of the Society to facilitate marketing. Such crop Directors to be appointed by the Board of Directors as their necessity arises.

Election—Representation

Sec. 4. The officers and directors of the National Union, with the exception of the Secretary, shall be selected by a popular vote of the members on blanks furnished by the National Union, and forwarded to the National Union by mail or by delegate, to be voted in the National Annual Meeting of the Society. * * *

The term of the officers shall be for one year, or until their successors are elected and qualified. *The names of all candidates must be published in the official paper at least three times, the first publication being at least six weeks before the time of the Annual Meeting.*

Pursuant to the terms of the law we now publish a list of the nominees as follows:

NOMINATIONS

For President

J. A. EVERITT, Indianapolis, Ind.
Mr. Everitt is the present President.

For Vice-President

W. H. MITCHELL, Huntchinson, Kas.
Mr. Mitchell was one of the incorporators of the Society in 1908, and has been a director since. He is an extensive land owner, and one of the most progressive farmers of Kansas. His present home is in Hutchinson, and having retired from active farm operations, he has had time to further the cause of organization among farmers which he has done effectively since his connection with the F. S. E.

J. H. CONNELL, Stillwater, Okla.
Mr. Connell is president of Oklahoma Agricultural and Mechanical College. In his letter of acceptance he said: "I shall be pleased to co-operate with the Farmers Society of Equity movement. The cotton crop of this and other southern states is now being sacrificed on a manipulated market under the control of the bears of the cotton exchanges and the spinners, and we may expect nothing but low prices in our present unorganized condition."

J. A. SHELLAND, R. R. 2, Worcester, N. Y.
Mr. Shelland is at present representing his town on the board of supervisors and has done so for fifteen years. He is the president of Decatur local union, F. S. E., and enthusiastic for the advancement of the society. An up-to-date farmer and large property holder.

For Treasurer

THE UNION NATIONAL BANK, Indianapolis, Ind.

For National Organizer

H. B. SHERMAN, Greensburg, Ind.
Mr. Sherman is the present national organizer.

BERT HAYS, Grand Rapids, Mich.
Mr. Hays is a successful general organizer in Michigan.

JAMES E. BAXTER, Ft. Plains, N. Y.
Mr. Baxter has been a successful organizer of the F. S. E. for three years. During that time he has not only accomplished very complete organization in his territory, but he had directed th.. local unions in marketing through the Equity System to the great advantage of the members.

For Directors

C. W. PECKHAM, Haven, Kas.
Mr. Peckham was one of the incorporators of the Farmers Society of Equity in 1908. He is a large land holder in Kansas and has other large interests. Always has been an enthusiastic advocate of organization of the farmer, firmly believes in the F. S. E. plan and more, he has probably done as much as any man in Kansas to extend the education and organization.

S. W. WILBER, Worcester, N. Y.
Mr. Wilber is president of the South Hill local union of the F. S. E. He is a first-class farmer and a business man of such attainments that he has come to be an authority and leader in agricultural matters in his community. Well-to-do in worldly goods, a man of high character and an enthusiast for the F. S. E.

TOM BOLT, Muskegon, Mich.
Mr. Bolt is a member of the Michigan legislature, sent from one of the finest agricultural districts in Michigan. He is a staunch friend of the farmers and the nomination says: "Elect Mr. Bolt and he will be a safe advisor in the councils of the society and a power to attract and compel members to the organization in the field.

JOHN KREISER, Kingsley, Mich.
Mr. Kreiser is a member of Kingsley local union. From the letter nominating him we quote: "We do not believe there is a farmer in the State of Michigan that will serve the farmers better, if elected a director of the F. S. E., than Mr. Kreiser will. He is honest, has a good reputation and is well-to-do."

ROBERT STEVENSON, Lebanon, Ind.
Mr. Stevenson is secretary of Lebanon local union, F. S. E. He operates a large farm near the city of Lebanon, is a leader in his community and is always in the van in any good movement for the improvement and upbuilding of his chosen profession and the uplift of farmers.

GUY ROBERTSON, Gresham, Ore.
Mr. Robertson is a member of Orient local union, F. S. E. (The papers making the nomination said: "Further particulars will follow this"). Mr. Robertson is the nominee of the Gresham and Orient local unions.

JACOB H. BRETZ, Bretzville, Ind.
Mr. Bretz is secretary of Bretzville local union, F. S. E. A German farmer and a member of the society since its beginning. His is one of the first unions organized.

S. W. MORRIS, Rochester, Minn.
Mr. Morris was one of the incorporators of the Society in 1908 and has been a director ever since. He has never failed to attend a directors' meeting when called, or the national conventions. He is a successful farmer under the old conditions, but is always working for more certainty in the farmers' business and more equity in their business relations with others.

GEO. G. WINANS, Hamburg, Mich.
Mr. Winans served the society as state organizer for Michigan in 1909. He has been one of the leaders in that state from the beginning of the organization. He is a farmer and stock raiser on an extensive scale.

G. H. KINCAID, Gadsden, Ind.
Mr. Kincaid is secretary of Gadsden local union, F. S. E. He is one of the leading farmers in one of the best agricultural districts of Indiana, and has met with more than the usual success under bad conditions. He is an earnest worker in the F. S. E.

INSTRUCTIONS

Vote for one candidate for each office of President, Vice-President, Treasurer and National Organizer. Vote for seven directors.

Each member is entitled to vote. In local unions the secretary must report the number of votes cast for each candidate. Members at large will send their votes direct to head quarters—Farmers Society of Equity, Indianapolis. The ballots will be counted when the national convention meets, December 12th, and the candidates having the greatest number of votes will be declared elected.

It is important that every member should vote for National Officers.

BALLOT

This ballot is cast by (Name of member or name of Local Union) .....

.....

Address .....

	No. of Votes	
For President		
For Vice-President		
Treasurer		
National Organizer		
Directors:		
1.		
2.		
3.		
4.		
5.		
6.		
7.		

Free to Boys

Send No Money--Just Your Name and Address--A Postal Card Will Do

It Shoots 350 Times at One Loading With Remarkable Force and Accuracy—Not a Toy, But a Real Gun Built for Business

Boys, did you know that air, when compressed in a gun under great pressure, had as much power to kill as any of the guns that use powder and ball! Well, that is the principle upon which this gun is made. Most of the air rifles are really no more than spring guns, which soon get out or order and have no power to kill anything. This air rifle is a real man's weapon, built for business; has powerful force, handsome in appearance and overcomes past imperfections and objections to air rifles. Note the lever action. You don't have to break the barrel to reload; all you have to do is to work the lever as you would in some repeating rifles. Also note its perfect lines, easy action, magazine loaded in an automatic shot retainer that is positive in its action and used only on this gun; walnut stock, dull finish, nickel plated, stays bright; accurate, durable, attractive and can not get out of order. Shoots 350 times without reloading.

This gun is going to revolutionize the air rifles of today. It is made for the boy who likes to hunt in the woods. It is also a very fine rifle for target practice and with it the boy gets healthful, out-of-door pleasure and lots of it for little money, as shots cost about 10 cents per 1,000. Every boy should learn to handle a rifle. It makes boys grow to be manly, self-reliant men. It shoots with remarkable accuracy. It will last for years and every wide-awake boy would be happy to get this rifle. No wonder every boy should want one. We are glad to help every boy to get one without having to pay one cent for it. Each rifle is sighted and tested before leaving the factory and it is the most gun-like and fascinating air rifle ever put on the market. Does not cut the shot and can not become clogged. These rifles are made for us in one of the largest factories of its kind in the world and are absolutely guarnteed.

How You Can Get This AIRR IFLE FREE

Send no money. Just your name and address on a Postal Card, and say you want this Air Rifle and we will send you our great Combination Offer and 10 packages of beautiful Post Cards for 10 of your friends.

EXTRA PRIZE FOR PROMPTNESS

If you are prompt I will reward you by sending you another grand prize. This prize I will tell you about later, but I know it is going to open your eyes and you will be the most surprised boy in the world when you learn what it is. So if you are prompt in writing me you can have two fine prizes instead of only one. So you had better write today and learn all about it.

EVERYTHING SENT PREPAID

We deliver the gun and cards at your door, free of all expense to you. You should not hesitate a moment in sending us your name and address, as you want to get the Extra Prize, sure. Write today.



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20	8	5	3.	.1.	18	4	19	1	18	5
6	9	14	5	19	5	14	4	6	15	18
25	15	21	18	19	14	15	23			

This puzzle can be solved with a little study, as follows: There are 26 letters in the alphabet, and we have used these figures in spelling the eight words instead of letters. Letter A is number 1, letter B is number 2, C is 3, etc., throughout the alphabet. Spell out the eight words and mail them right away. Don't delay.

CONDITIONS OF THE CONTEST

We are very anxious to know how many people can solve this puzzle, and we are willing to pay for the experiment. To everyone solving it, and enclosing 3 two-cent stamps, to cover cost of handling cards, we will send a beautiful assortment of ten embossed, colored Christmas Cards. A remarkable offer if you can find the hidden meaning. The only condition is that you promise to show these cards to your friends and tell them how you got them. USE YOUR BRAINS; try to solve it. Act quickly—write the words on a slip of paper, and mail it immediately with your full address and 6 cents in stamps. When we send your cards we will tell you how to get our Surprise Box.

HAPPY HOURS, Augusta, Maine

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This is a fine, handsome, clear toned, good sized Violin of highly polished, beautiful wood with ebony-finished pegs, finger board and tail piece, one silver string, three gut strings, long bow of white horse-hair, box of resin and **Fine Self-Instruction Book.**

Send us your name and address for 24 packages of **Bluine** to sell at 10 cents a package. When sold return our $2.40 and we will send you this beautiful Violin and outfit just exactly as represented.

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Hammer-type action, automatic shell extractor. Shoots with great force and accuracy 22 long or short cartridges. Rifle is simply and strongly built with few parts to get out of order. Carefulyl adjusted and tested by experts and will last a lifetime. Bronze barrel made of built-up steel jacket and rifled with great care. Gun has all latest improvements, adjustable peep sights, walnut stock with metal shoulder plate, beautiful finish. I will send this wonderful gun

FREE TO YOU

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Dept. C, American Express Building, Chicago.

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Local Union Programs

THERE is nothing more important to the Farmers Society of Equity movement than good programs for local union meetings. Without programs, interesting meetings will not be the rule, but with good programs and the fact given publicity, a great interest can constantly be kept up, the membership will increase and the benefits, education and entertainment will be multiplied. Each local union should have a program committee. It should be headed by the president. This committee should see that a proposed program is submitted at each meeting for the next one, and discussed and agreed upon. It should then be printed on a circular for distribution and for guidance at the meeting. Give the job of printing to the publisher of the local paper with the request that he notice it in his columns.

For the hints it may contain we print a program issued for the Advance (Indiana) local union, as follows:

PROGRAM
Advance Local Union, F. S. E. No. 6272
Thursday, October 19, 7:30 P. M.

PART I
(Open to Public)

1. Call to order by the President.
2. Song—"A Call for Volunteers."—(See below).
3. Roll call of officers. The President will fill vacancies.
4. Roll call of members, noting those present.
5. Reading of minutes of last meeting by secretary.
6. Address by the National President.
7. Presentation of charter—National President.
8. Call for new members.
9. Initiation of new members.

PART II
(Closed to the Public)

1. The Second Degree, or Second Great Lesson, will be given to all members entitled to it.

PART III
(Closed to the Public)

The following live topics will be discussed:

1. Shall this union take immediate steps to maintain a permanent office in Advance for the daily transaction of the business of its members in selling and buying?
2. (a) Shall this local union have its receiving and shipping room?
   (b) Shall it have a warehouse and elevator?
   (c) Of the three plans of buying cooperatively outlined by our Society, which one shall we adopt? (See the plans on page 20 of "Farmers' Problems No. 13.)
3. Shall we have a committee to co-operate with the National Union to organize local unions at stations around us, particularly at stations on the Central Indiana railroad? (If local unions are at other stations on the road from Brazil to Muncie, a car, or cars can pick up Society produce at each, daily, and carry it to the final market in carload lots.)
4. How many members had vegetables and fruit that spoiled this year because of no market, or sold at unsatisfactory prices?
5. How much marketable crops have our members now? (Including grain, live stock, fruit, vegetables, poultry, butter, eggs, etc.)
6. What do the members want to buy?
7. What shall be the regular meeting time for this union?
8. Is there any unfinished business?
9. Program for the next meeting.
10. Instructions by the President.
11. Song—"The Cause of Equity." (See below.)
12. Adjournment.

A Call For Volunteers

Tune—Auld Lang Syne

Come now and join our union,
You farmers one and all,
Come bring your wives and daughters,
There's room for great and small.
Don't be afraid to venture,
The welcome hand we'll give.
To those who will unite wih us,
And in our order live.

(Chorus for First Three Verses)

Then come, brothers, come,
Don't tarry till too late,
We'll offer you the welcome hand,
And meet you at the gate.
You'll not regret your money,
Your time you'll never miss,
For time thus spent is joyful,
In such work as this.
Our aim in life is high,
Our motives pure and true,
Farmers, this invitation,
We offer now to you.

(Chorus)

Then come be up and moving,
For time flies swiftly by,
Much good can you be doing,
If you but only try,
Unfurl the farmers' banner
Shake out its fleecy folds
That in its stainless beauty,
All nations may behold.
Your wealth consists of meadows green,
And fields of waving grain,
Your homes made neat with labor sweet,
Prove you've not lived in vain.
Then hail to the farmers' banner,
From war and bloodstain free,
May peace, good will and Equity,
Its motto ever be.

(Chorus for Last Verse)

Then come, brothers, come,
And join our noble band,
We'll meet you at the gate,
And extend the welcome hand.

The Cause of Equity

Tune—All Hail the Power of Jesus Name

All hail the cause of Equity!
Let all the nation ring
With glad huzzas from wakened hearts,
That blithsome tribute bring;
In honor of the dawn of truth,
Of justice, fair and right;
For farmers who so patiently,
Have waited for the light.

That light is swiftly coming now;
It spreads along the way
And brightens all the world about,
With its hope giving ray,
Soon, soon the day of right shall glow,
In splendor through the land;
When every farmer lad shall march,
In Equity's fair band.

The cause of Equity is good;
It seeks not its own gain
Against the weak ones of the earth,
Who toil mid want and pain,
It welcomes all thee in its band,
The strong as well as weak;
Its motto is, "Co-Operate"
Each others good to seek.

Now farmers set your brains to work,
And see what you can do,
Toward spreading far and wide
The cause of Equity most true.
Give time and strength and even funds,
To help the cause along,
And win the thanks of countless hosts,
Oppressed by bitter wrong.

CO-OPERATION

THE following article, containing good advice, from high authorities, on the combined selling power of farmers is from the American Federationist, the official organ of the American Federation of Labor:

The report of M. F. Dickinson at the last state convention of the Arkansas Farmers Union shows that a closer business relation between the organized farmers and the organized wage workers would benefit both. He said:

"Cabbage sold by the farmers for $4,825,000 the consumer in New York city paid $9,125,000 for; the rice that the farmer sold for $1,354,000 the consumer paid $9,125,000 for; the price that the the farmers sold for $8,437,000 the consumer paid $60,000,000; onions which the farmers sold for $821,000 the consumer in New York city paid $8,212,000 for. Hams in Washington, D. C., which the farmer got 14 cents per pound for, the consumer was charged 22 cents and 25 cents per pound.

"If more direct communication should be accomplished between the farmer and the trades union it would mean a great saving to both classes of labor."

While discussing the exorbitant price of food stuffs, former President Roosevelt took occasion to censure the cupidity of the middlemen before a delegation of Grangers at his office, saying: "I believe in a high standard of wages; we must conserve the high standard of wages and give the farmer, the man who lives on the soil, the real benefit of the increase of the cost to the consumer. We should drive out every middleman who does not help the consumer. Certain middlemen are indispensable. Keep those who shape events so that they will get their rewards. Pay a man when he does work, but don't pay him for being in the way. There are two classes of men to help, the man who tills the soil and the man who works for wages. Don't help any one else. A man mustn't get a living unless he works. Every man must pull his weight."

To all of which this paper heartily subscribes and is actually bringing about direct trade between farmers and consumers.

FREE LAND

Another allottment of very choice valley fruit land, is now ready for distribution. Write immediately to the Jantha Plantation Co., Block 1519, Pittsburg, Pa., for application blanks. The only requirement is that five acres be planted in fruit trees within five years. Authorized improvement companies will plant the trees at reasonable prices, and market the fruit for the owners on shares.

Practicing and Preaching

"Shall we go to church? Pa is to preach from the text, 'Love one another.'"

"Let's not go, then, but sit here on the porch and practice what your pa preaches."

A Modern Reason

"Well, I don't see why you rejected him; he seems to be able to make an honest living."

"But who wants to marry a man of that kind nowadays?"

FAT VANISHES

ONE POUND A DAY

By New Drugless Method

TRUE SUCCESS AT LAST

Double Chin Vanishes

Two Hundred Thousand Women Made Happy With This New Knowledge Thru a Copy of This Remarkable Book, "WEIGHT REDUCTION WITHOUT DRUGS." Isn't This Convincing Evidence As to Its Value? SEND FOR FREE COPY TODAY



I Will Send This Book to You at My Expense.

The Joy of Living is the Heritage of the Lean. I Was Stout—and I Know.

My friends were charitable and they called it obesity; others referred to me as being STOUT, but I know, it was just plain bulky weight. I was miserable—you too, are equally miserable if you are too stout.

To reduce your weight you must find the cause, you must get at the very reason.

I Found the Cause—The Rest Was Easy.

Before I succeeded, I tried everything within reason and some things beyond reason.

It was maddening—disgusting.

All I had to do was to remove the cause and I swear under oath, that by my simple method, without drugs, medicine, harmful exercises, or starvation diet, I reduced my weight 37 pounds in five weeks, and guarantee that I can do the same for you. I do not use medicine of any kind or worthless stuff to rub on the body, but a simple home treatment; even a child can use it without harm. Through the marvelous combination home treatment, I succeeded because I had found the right way. I can now climb to the summit of Pike's Peak with ease. I could not do that until I had taken off 37 pounds of my ponderous weight.

If you are interested in your own happiness and health and figure, you will permit me to tell you how to reduce your weight "Nature's Way."

I have printed a book for you entitled, "Weight Reduction Without Drugs," which I am giving away without charge, prepaid to you, so that you may know of my successful method and be able to permanently reduce your weight any amount up to 70 pounds, without harmful exercises or starvation diet, drugs or medicines.

Send for my book, "Weight Reduction Without Drugs," it is yours for the asking, and I will be glad to send it to you, postage prepaid.

I have found that the best way to know happiness is to give it.

Sincerely your friend,

MARJORIE HAMILTON
Suite 2577 Central Bank Bldg.
Denver, Colo.

20 Christmas Post Cards 10c

Very Choicest Gold Embossed



Our prize collection of 20 most beautiful Christmas and New Year Post Cards, in lovely colors and exquisite gold embossed designs, all different, extra fine quality, prettiest collection ever offered; to introduce quickly we send these cards and special prize offer prepaid for only 10 cents.

Seymour Card Club, Dept. 83, Topeka, Kan.

TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE ST., CHICAGO, ILL.

Try This Famous Pinex "Pint of Cough Syrup"

A Family Supply for 50c, Saving $2. The Surest, Quickest Remedy You Ever Used or Money Refunded.

A cough remedy that saves you $2, and is guaranteed to give quicker, better results than anything else, is surely worth trying. And one trial will show you why Pinex is used in more homes in the U. S. and Canada than any other cough remedy.

You will be pleasantly surprised by the way it takes right hold of a cough, giving almost instant relief. It will usually stop the most obstinate, deep-seated cough in 24 hours, and is unequaled for prompt results in whooping cough.

A 50-cent bottle of Pinex, when mixed with home-made sugar syrup, makes a full pint of the best cough remedy ever used. Easily prepared in five minutes—directions in package.

The taste is pleasant—children take it willingly. Stimulates the appetite and is slightly laxative—both excellent features. Splendid for croup, hoarseness, asthma, bronchitis and other throat troubles, and a highly successful remedy for incipient lung troubles.

Pinex is a special and highly concentrated compound of Norway White Pine extract, rich in guaiacol and other natural healing pine elements. Simply mix with sugar syrup or strained honey, in a pint bottle, and it is ready for use.

Pinex has often been imitated, but never successfully, for nothing else will produce the same results. The genuine is guaranteed to give absolute satisfaction or money refunded. Certificate of guarantee is wrapped in each package. Your druggist has Pinex or will gladly get it for you. If not, send to The Pinex Co., 223 Main St., Ft. Wayne, Ind.

FREE



FIVE BEAUTIFUL

Christmas Post Cards

To quickly introduce our new and up-to-date line of Cards, we will for the next 20 days send absolutely free our prize assortment of 5 Beautiful Christmas Cards, if you answer this ad immediately and send 2c stamp for postage. These lovely Art Post Cards in beautiful colors and exquisite gold embossed designs, comprise the prettiest and most attractive collection ever offered. With each set we include our special advertising plan for getting a big Post Card Album and 40 additional extra fine cards of your own selection FREE.
Art Post Card Club, Dept. 160, Topeka, Kan

Signet Bracelet Free



We give this **heavy gold** plated adjustable signet bracelet, with heart-shaped signet front for engraving, which is the latest and most popular style of signet bracelet on the market, **free** just for disposing of only 6 of our new motto pictures on our liberal 25c offer. Send us the $1.50 you collect and for your trouble will send you this signet bracelet and also a **signet ring** if you will reply prompt. Everybody wild over our pictures. You can dispose of them in a few hours' time. Our presents we give for this small amount of work can't be beat. **Don't miss this great offer.** Send name today and we will send pictures at once, all charges paid.

A. Seitz, Dept. 62 A, 152 West Adams St., Chicago.

SCIENTIFIC RUPTURE CURE

Don't Wear a Common Truss or Appliance

Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.



APPLEY TRUSS CO.
76 Pearl St. Grand Rapids, Michigan

Oklahoma State Meeting

AS ANNOUNCED in our preceding issues, a meeting will be held in Shawnee, Okla., beginning November 21, for the purpose of organizing a State Union of the Farmers Society of Equity. The national President will attend the meeting.

All members, local unions and organizers in the state are urged to exert themselves to extend the organization as rapidly as possible before the meeting, and as many as possible should attend the meeting.

Especial consideration will be given to the problem of marketing the bumper cotton crop of 1911. The national President will bring a simple, practical plan and lay it before the convention, which, we believe, will stop the declining prices and quickly send the price up to thirteen cents, where it ought to be. Every cotton grower who can possibly make arrangements to attend this meeting should not fail to be present. Other crops will also receive their share of intelligent attention such as characterizes all the activities of the F. S. E. in advising regarding markets and marketing. Also it is expected to organize a consumers league in Shawnee at the same time to buy direct from the organized producers in Oklahoma and other states.

For further particulars, terms to organizers or for an organizer to assist in organizing, write to J. A. Harman, Secretary, Shawnee, Okla.

NOTE.—Readers in Oklahoma, please clip this and hand or send to your paper with request to print.

WANTED—Creek County Union, F. S. E. No. 211, wants to buy corn, Kaffir corn, flour, potatoes and bran. Address Chas E. Helphrey, Secretary, Bristow, Okla.

Will members or subscribers having any of the above supplies to sell, please communicate with Mr. Helphrey.

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

What a Brother Publisher Says

DEAR EDITOR:

Among the very many farm papers that reach my office, Up-to-Date Farming is one of the few that I always read. I shall give you a complimentary notice soon.—*Geo. W. Parks, La Parke, Pa.*, Publisher of Parks Floral Magazine.

Valuable Beyond Price

DEAR EDITOR:

Your consumers league plan as printed in September 1st paper is valuable beyond estimate to farmers. Surely it will awaken many more to a realization of the situation and their opportunity.—Mrs. P. Hankerd, Munith, Mich.

Don't Let It Get Cold

DEAR EDITOR:

September 1st number of our paper, containing the plan of consumers leagues is the proper thing. If the city consumers will take your advise now and work out their problems of the high cost of living along that line, and thus place themselves in a position so as to buy direct from the secretaries of local unions of the Farmers Society of Equity, they will find that they can cut their expenses for food in two. Do not let the consumers league idea get cold. It is the best thing ever suggested for both the farmers, and the consumers of farm products living in cities.—*J. E. Baxter, Fort Plains, Otsego Co., N. Y.*

The Parcels Post

DEAR EDITOR:

Please publish the enclosed clipping: (The clipping follows.)

Postmaster General Hitchcock, who is supposed to be a servant of the people is planning a coup in the interests of the big mail order houses, and wants to extend the parcels post to the rural mail routes. It's time the small merchants get busy, else we shall se thousands of country stores close their doors, and the retail trade of the country shot to pieces. Hitchcock should be ditched, as was Ballinger.

The editor who wrote this is very solicitous for the retail store keepers, but has not a bit of anxiety about the farmers, although he is in the middle of a country where farming is the whole business. I can not see why he does not consider farming and farmers as important as retail storekeepers. He seems to think retailers are people and farmers are not.—*R. J. Stewart, Oliver Co., N. D.*

Where He Struck Him

"Witness, did you see the prisoner strike this man in the melee?"

"No, sir, he struck him on the nose."

To Introduce Our Big New Wonder Telescope Only $1.00



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.



A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishclearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now

PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents and Salesmen Wanted

AGENTS—Men or women, make $10.00 daily selling our beautiful, embroidered dress patterns; 9 yards pongee silk (looks like real silk and wears better) with a handsome design embroidered on it, any color. Sells for $4.50, costs you $2.00. Embroidered shirtwaist patterns, same goods, 3 yards, sell for $1.75, costs you 85c. Figure the profit. Send for sample patterns of each so as to begin at once making more and easier money than you ever made. Send today as we only want one agent in each county. Money back if not satisfied. Importer's Silk and Embroidery Co. (not inc.), 423 E. 45th Place, second floor, Chicago, Ill.

SALESMAN WANTED to sell trees and plants. Highest commissions payable weekly. Write for free outfit. Perry Nurseries, Rochester, N. Y.

WANTED—Salesmen and farmers to sell Silos, all kinds of farm implements and seed grain. Universal Exchange Corporation (Not a Trust), Union National Bank Bldg., Columbus, O.

Auctioneer School

MISSOURI AUCTION SCHOOL, largest in world, Trenton, Mo., Kansas City, Mo.; Oklahoma, Okla.

Farm Lands For Sale

BARGAINS in improved southern Michigan farms. See them before you buy. Write for my list. F. C. Stillson, Sturgis, Mich.

BOOK 1,000 FARMS for exchange. Get our fair plan for exchanging. Graham Bros. Eldorado, Kansas.

FOR SALE—160 acres, 100 in cultivation; $350 incumbrance. Price $10.00 per acre. J. W. Weber, Charleston, Okla.

GOOD STOCK AND GRAIN farm with improvements. Full particulars from owner. John B. Doyle, Alanthus, Va.

IF YOU CAN'T own a farm you can own a share in one and get big profits. Easy payments. Write today. Cotton Belt Stock Farm, 3245 Graceland, Indianapolis.

IF YOU WANT fruit, truck, grain or stock farms in fine, healthy climate, with good schools, churches and markets, large tracts of unimproved farm lands $3 to $30 per acre, write stating your wants. Seals & Morris, McEwen, Tenn.

Farms Wanted

FARM WANTED—We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

SELL YOUR PROPERTY quickly for cash, no matter where located; particulars free. Real Estate Salesman Co., Dept. 6, Lincoln, Neb.

TO SELL your property write Northwestern Business Agency, Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

For the Home

RICE—New crop, 100 pounds beautiful, clean, white table rice, in double sacks; freight prepaid to your railroad station for $3.85. J. E. Cabaniss, Rice Farmer, Box 26, Katy, Tex.

Help Wanted—Male

FARMERS, CARPENTERS OR LABORERS wishing to go to Florida for the winter, or to invest, and have employment while remaining or studying soils or best methods before investing, should address Dr. Franklin Miles, Fort Myers, Fla.

500 MEN 20 TO 40 years old wanted at once for electric railway motormen and conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Box 35, care of Up-to-Date Farming.

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A-839. No obligation. Earl Hopkins, Washington, D. C.

GOVERNMENT WANTS EMPLOYES—10,000 appointments coming. Excellent salaries. Vacations. Write for list of positions open. Franklin Institute, Dept. P-27, Rochester, N. Y.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L511, Marden Building, Washington, D. C.

Patent Attorneys

"ADVICE AND BOOKS relative to patents sent on request. Beeler & Robb, Patent Lawyers, 60-62 McGill Bldg., Washington, D. C.

PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Thoroughbred Live Stock

JOHN A. IRION, Gallipolis, O., breeder of Red Polled cattle, Chester White and Poland China hogs. Write for prices on what you want.

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

EVERY line of matter in this paper is worth a careful reading. There is no other paper like this one. What you learn from Up-to-Date is what every farmer needs most, but not obtainable from any other source. After you read this number write to us and be honest enough to tell us if you agree.

APPLICATION FOR MEMBERSHIP AT LARGE

1 DOLLAR

FARMERS SOCIETY OF EQUITY,
Indianapolis, Ind.

I .....

P. O......*R. R*..... *State of*.....

make application to become a Member-at-Large of the Farmers Society of Equity and accompany this with the required fee of One Dollar.

I realize fully the disadvantages that attend the marketing of farm crops by the old system and I also appreciate the great benefits that must come to me and all other farmers if we will cooperate in marketing through THE EQUITY SYSTEM of the Farmers Society of Equity.

Therefore, to secure its benefits for myself and family, and to aid and encourage my brother farmers who are in the organization and set an example for those outside of it, I agree to help work out the object of our Society; exert myself, as possible, to secure new members and in every way to cooperate with the National Union and my local union (If I am a member of one) in all things that are to my interest and the welfare of the Society.

It is agreed that the payment of $1.00 makes me a Member-at-Large with dues paid in the National Union for one year from date, for one year's subscription to the official paper; (if my time is paid in advance it is to be extended a year) and gives me crop and market reports and the benefits of The Equity System of Marketing.

Signed ..... *Date*.....

Are You a Subscriber to the Official Paper Now?..... *Will you try to Organize a Local Union?*.....

Name of Your Shipping Station .....

LADIES SOCIETY OF EQUITY

UNION OF HEARTS LADIES SOCIETY OF EQUITY HANDS OF

President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

MORE and more women are forcing their way to the front in industrial, political and civic matters. And every year mere male men are forced to admit that the weaker sex is more of a factor in things industrial and governmental. There is no doubt that this is true with the people who attended the sessions of the Indiana Federation of Women's Clubs, that recently met in Indianapolis. And the unbiassed person who took part in this meeting, active or as an observer, will bid them God speed in their work.

While we deplore the iniquities that have established themselves in our country under men's exclusive rule, and nearly exclusive management of business by the men, we should welcome the women as a factor that will have a meliorating influence over all present bad conditions. Some of us may not yet be ready to welcome women to a greater sphere of activities, but our opposition will be in vain. We feel that the foundation stones have been laid for a new era in government, which will bring about a new era in business and the change will largely come through the gradually increasing influence of women and women's clubs and associations.

Therefore we can welcome the women of the farms into the Farmers Society of Equity. While the constitution does not provide for them to become full members, they may become "special members." That is, they may be admitted to membership on terms determined by each local union. If a fee is charged it will remain in the local union treasury. Or the women can organize independent as they have done some places, notably in Michigan, and co-operate with the men's locals. Organization along the lines of the F. S. E. is nearly as necessary for the women as for the men. The women of the farm often have their own part of the work of producing and marketing. For instance, the butter and eggs and poultry and sometimes other crops. So we see they have need of The Equity System of Marketing, too. Then there is the buying for the home. So they are as much interested in organization, system and co-operation as the men.

We not only welcome the women to our Society, but we urge them to take an active part in its development and business, in the local unions and in the national meeting.

We extend a strong invitation to the farm women to come to the next national convention, beginning December 12th. They can help. In fact the exact status of women in the Farmers Society of Equity will be considered and probably be decided at this meeting. We feel that the women should not leave its decision entirely to the men.

We have in mind a eulogy paid to country women by a speaker who has been forgotten. We regret that we can not give him credit, but we are glad to endorse his words, which were as follows:

"There are no nobler, dearer or truer women on earth than the true ladies who grace our American farm homes; and no fairer, sweeter, or purer daughters than the dear, industrious, bright-eyed girls who live in the country. Indeed the farmer and his family are the bulwarks of American honor and virtue. From the farms come our purest blood and our strongest minds to cope with all the affairs of nation."

L. S. E. Annual Meeting

The Michigan State Union of the Ladies Society of Equity will hold its annual convention at Centerville, Mich., December 5 and 6, 1911.

L. S. E. NOTES

The Ladies Society of Equity is happy to introduce to old members the Apple Blossom local. This promising local was organized by Mrs. Martha Culbertson with twelve charter members. We know the whole society will extend a warm welcome to this new local of our farm sisters. We, on our part, welcome them and wish them great success and much benefit and joy as the result of organization. The officers are: President, Mrs. Salome Watrous, Bellaire; vice-president, Mrs. Oma May; secretary, Miss Ada Anderson, Bellaire; treasurer, Mrs. Johnson, all of Antrim Co., Mich.

Also from near Bellaire, Mich., comes a report of Blue Jay local, of the Cadets of Equity. The officers are: President, Merritt May, Bellaire; vice-president, Donald May; secretary, Guy Thompson, Bellaire, and treasurer, Bessie Thompson. The attention of all Cadet locals and of Cadets of Equity-at-large, is called to this new local. Where will the next Cadet local be reported from?—Mrs. James Howey, E. Jordan, Mich.



LITTLE GIANT CORN SHELLER

Just Out and Entirely New

This sheller is a little wonder. Will do the work equal to any other hand sheller. No springs to jar loose, and adjustment simple and accurate Impossible to get out of order. The sheller deposits the corn in the box on which it is mounted, and the cobs outside. Is made on honor and will last a lifetime. Will easily shell eight bushels per hour. Price 75c F. O. B. here.

75c

O. K. SEED STORE
INDIANAPOLIS INDIANA

DON'T SCRATCH



Use DERMOL

The New Skin Remedy

Stops itching and burning instantly and cures all skin diseases permanently.

The most wonderful healing preparation known today for **Eczema, Tetter, Psoriasis, Acne, Salt Rheum, Pimples, Rashes, Fever Sores, Burns, Stings, Sunburn, Barber's and all other forms of Itch, etc., etc.**

DERMOL will prove a revelation and God send to any one suffering—and needlessly enduring—any skin affection. It is daily giving evidence of its remarkable healing power in permanently curing thousands of the worst cases of **Eczema, Salt Rheum, Tetter, Scaley Heads, Barber's Itch, etc.,** and eradicating facial and other disfigurements of years' standing.

ITCHING INSTANTLY STOPPED

In minor troubles, such as **Pimples, Blotches, Hives, Dandruff, Red Skin** and the like, results show immediately after a single application.

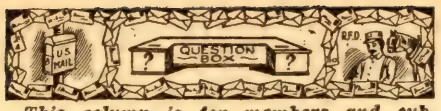
Dermol is a powerful antiseptic; it kills germ life, and yet contains nothing to injure the softest and most delicate skin.

TRY DERMOL JUST ONCE

on a small part of the skin affected with any disease and note the marvelous results over night by comparison with surrounding skin not so treated. This simple test will enable any one to understand the wonderful merit through which Dermol has been brought to a success greater than any other remedy for similar purposes. Remember, Dermol's healing power begins with the first application.

Dermal is sold by mail only. Two sizes, 50c and $2.00. No one is asked to purchase Dermol without first obtaining a free trial treatment, which is mailed on request.

LYCOMING LABORATORIES,
Dept. 49, Williamsport, Pa.



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *You idea "Cut out the middleman," is very plausible. But how about the support of the middlemen and their families? They have got to live.—Geo. W. B. New York City.*

ANSWER: With the F. S. E. System of Marketing established prices of farm commodities *to the consumers* would be so much lower; and the road to the demand will be so straight and plain that immensely more consumption would result. Then the surplus middlemen can go to the country, if they want to, and their clerks become farm helpers. The farmers will then get enough money so they can hire more help and pay attractive wages. Our idea is not to eliminate all middlemen, but the surplus ones.

Q. *I am a subscriber to Up-to-Date Farming and want to market through the Equity System. Please send instructions.—V. D. McChesney, Marshall Co., Kas.*

A. The Equity System is for members of the Society exclusively. To make marketing definite and always profitable it is absolutely necessary that the Farmers Society of Equity be built up to a very large membership. The great inducement to get members is the benefits this system gives. Therefore, you see how much against the welfare of all the farmers if *non*-members were permitted to enjoy the same benefits as members who support the Society and make the System possible. To permit this would be an injustice to you and the members. Send $1.00 and become a member-at-large when the "Directory," and full co-operation will be given you.

Q. *Our local union is young and we have only eleven members. We are enthusiastic though and will build it up. We thought we would not call any public meeting for a while, but would study the F. S. E. and its plans, when we will be better able to teach them to others. Do you approve of this plan? —Wm. E. Wilson, Secretary, DeSoto (Ind.), L. U.*

A. Yes, we approve. Let each present member get thoroughly familiar with the F. S. E. plans, work, system, etc. When you do this you can convert other farmers and show them how the local union will be the source of much entertainment and benefit for the whole community. Encourage the ladies to take an interest in the movement. Make them "special members." You can charge a fee if you wish, which retain in your treasury. Also the children can be taught to take a lively interest. The idea is to make the Society for all farmers, for the whole family, for the whole country, for all the crops.

Q. *Our local wants to buy groceries co-operatively. Please tell us how to proceed. —Geo. Pettenger, Secretary, Selma (Ind.), L. U.*

A. You are referred to page 20 of Farmers' Problems No. 13." See "Three Plans for Co-operative Buying." If you will make up a list of your requirements now and send it to headuarters we will have it executed by a wholesale house here in Indianapolis. Local unions in other parts of the country can usually make like arrangements with the Society's representatives on the various markets, although they have agreed to help in marketing more than in buying. Correspond with them.

Q. *At the meeting of East Hill Local No. 6319, October 25, the topic for discussion was, "Shall this local union build a cheese factory to be operated through the Equity System." Much interest was manifested by the members, and it looks very favorable for the project being put through. If it is, should a stock company be formed?*

A. Yes, that will be the best way. Keep all the stock with your members. We send a draft of a constitution and by-laws and other hints that may help you.

Q. *We have a farmers' alliance here but we don't know what to do with it. We feel the need of organizing a plan that will permit us to do our business. I have studied the Equity plan and it appears to be what we need. If you will give me authority to do so, and send instructions, I will organize into the F. S. E. at once.—W. J. Clevenger, Luna Co., N. M.*

A. We send full instructions and a commission to you as organizer. Now await your report.

Q. *How can I become a member of the Farmers Society of Equity?—M. D. Burkett, Smyth Co., Va.*

A. We send full particulars. Read and then send $1.00 to become a member-at-large. Or get nine or more of your neighbors to join with you and organize a local union. The Society and its system will benefit you as a member-at-large, but benefits will be multiplied if you have a local union.

Q. *Our local is getting along fine. We take in new members everytime we meet. Our little town is excited as we are about to begin to do our own business. We got our books, papers, etc., from our Euity house in Galveston last week. Some of us are ready to ship our cotton. Is it all right for us to do our own business?— C. T. Jones, Depew (Okla.) L. U.*

A. Yes, by all means do all your business co-operatively. If the F. S. E. is not for that it is not for anything. You must make your union beneficial in a business way—selling and buying—or you won't have it long. One hundred members probably do a business of selling and buying in a year to amount to $300,000 or more. Do you need a business system and a manager for this volume of business? Read the booklet, "Farmers' Problems No. 13" for the way to make your local union profitable.

THIS BEAUTIFUL SLEEPING MAMMA AND PAPA DOLL FREE

We Want Every Little Girl in the Land to Have One of These Wonderful Mamma and Papa Dolls. Answer this Advertisement Promptly and YOU Can Have One ABSOLUTELY FREE.



TALKING DOLL

The elaborate and stylish dress, combined with a handsome face and long curls, makes this doll very dear to its possessor. A speaking and sleeping doll, will say Papa and Mamma; the prettiest, daintiest, sweetest, lace dressed doll you ever saw. Lace trimmed gown and hat, fancy hose and low shoes. Her handsome costume is of a lustrous silk, finished with the latest fancy trimming, dressed complete. This doll can not fail to interest the young girl for it will prove to be a source of great joy and pleasure. What a joyful welcome the little girl gives a doll like this. It gives her unbounded pleasure to adopt such a playmate. It is a delightful surprise to receive such a beautiful dressed doll. There is everything which tends to endear it to the heart of its owner, from a pleasing face to a daintily colored gown and hat. No plaything can take the place of a doll in the small girl's opinion, and the durability of manufacture will warrant her endless amusement with her protege.

WILL MAKE YOU PERFECTLY HAPPY

In every way this beautiful doll will please, satisfy and make happy the fortunate possessor. This doll is manufactured for us abroad, in the country where all the best dolls are made, and we have gone to considerable trouble and expense in order to secure this beautiful doll. But we count this as nothing against the pleasure we know this doll will give to the little ones, and we want every little girl in our large family to have one.

HOW YOU CAN GET THIS DOLL FREE

Don't send any money. All you need to do is to send us your name and address today on a postal card, or use the coupon below, and say you want a Mamma and Papa Doll FREE, and we will send you our great Combination Offer and eight packages of very beautiful post cards for your eight friends. You should write us today.

DOLL DELIVERED FREE

Remember, we deliver this doll right at your own door, free. We pay all the postage on everything. All this doll is going to cost you is a postal card saying you want this Mamma and Papa Doll.
So don't delay in writing us. Be sure to send your name and address today, and say you want a Mamma and Papa Doll Free. If you will do this it will be only a question of a few days until you have this wonderful Dolly.

EXTRA PRIZE FOR PROMPTNESS

We are going to give an extra large Prize to all little girls who answer this advertisement promptly. This extra prize will delight and surprise you. So be prompt and write us today.

UP-TO-DATE FARMING
Department 100
Indianapolis, - - Ind.

Up-to-Date Farming, Indianapolis, Ind.. **COUPON**
Department 100

Gentlemen: I would like to have a Mamma and Papa Doll. Please send me, postpaid, the post cards for eight of my friends. I also want extra prize for acting promptly.

My Name is .....

Post Office Address .....State .....

R. F. D. or Street Address ..... County.....



EASY TO EARN—Your choice of 150 premiums for selling our **Keystone Easy-to-Thread Best Quality GOLD EYE NEEDLES** at 5c a package. With every two packages we give **FREE** a **Silver Aluminum Thimble.** Send name and address. We send, postpaid, 24 needle packages and 12 thimbles with **LARGE PREMIUM BOOK.** When sold send us the $1.20 and receive premium entitled to, selected from premium list. Extra present **FREE** if ordered today. A post card will do. Address **Keystone Novelty Co., Box 646 Greenville, Pa.**

Five Years for $1
OR A CLUB OF 5
One Year Each $1
Up-to-Date Farming, Indianapolis, Ind

25 CHRISTMAS POST CARDS 10c
WITH EVERY DAY LIFE 3 MONTHS ON TRIAL



Let us give you this grand collection of 25, all different Xmas Post Cards. These are all good cards, in different colors, some are embossed with gold. They are all beauties.

Everyone Likes Everyday Life

It contains good stories, helpful departments, entertaining and interesting miscellany of every kind. Tells all about home entertainment, etiquette, etc. Sure to please all members of the family. This great offer is made just to introduce the paper into new homes. We feel sure if you take it 3 months you will want it for a year—just as soon as your trial subscription expires.

SEND 10c NOW and we will send you this fine collection of 25 Xmas Post Cards prepaid and enter your name at once for three month's trial subscription. Address your order to

Everyday Life, Dept. P.C. 62 Chicago

AUTOMOBILE BARGAIN I have a White Steam automobile in perfect condition I will make a special price on. It is an ideal farmer's car. Will go anywhere and back. More reliable than gasoline. Simple to operate. I will be pleased to send particulars or show the car to interested persons. This is a bargain. Address Box E, care UP-TO-DATE FARMING, Indianapolis, Ind.

Don't Pay

Feel It First

You must be sure first, by feeling its power in your own body. You must be sure before you say a word or pay a penny. You must know *it is right*, must know *we are right*, must know *you are right*. You can be sure, can see, feel and know, by testing it for twenty-five days *at our risk*. Each day tells its own plain story, a story that has won the hearts of thousands. If you want to get well, here is your chance. Here is your chance to try, *without paying a penny*, a successful treatment which makes health by getting down to the first principles of the body, by following the only method which makes permanent health possible.

Don't pay a penny until you feel its benefits. Don't pay until you feel better all over your body. Don't pay until you feel stronger, more vigorous, eat better, sleep better, are better. Don't pay until your organs act more naturally, your pains are leaving you. Don't pay until you are sure this is the RIGHT MEDICINE for you.

This is how Bodi-Tone is being offered to every reader of this paper; this is how it is making health and saving money for the sick. If you want to stop the use of medicines, if you want to quit the doctors, if you want to stop the strain and drain of continual dosing, *tone your body and make it healthy with Bodi-Tone*, for healthy bodies need no medicine. The decision is all left to you. *You judge for yourself*, in your own time, in your own home, and judge it by what it does. It is often possible to judge within a few days, for when Bodi-Tone does its work there is a remarkable difference between the old and new body. Friends notice it, neighbors remark it and relatives rejoice in it. But Bodi-Tone wants you to take your time, *to see, feel and be sure*, to know its work is good, before you pay. Bodi-Tone does just what its name means—*cures disease by toning all the body*, and we want you to try a box at our risk and see what it will do for *your* body. Bodi-Tone is a small, round tablet, that is taken three times every day. Each box contains seventy-five of these tablets, enough for twenty-five days' use, and we send you the full box without a penny in advance, so that you can try it and learn what it is, so you can learn how it works in the body, how it *cures stubborn diseases* by helping nature to tone every organ of the body. Tone is a little word, but it means a great deal, everything in health. When all the organs are doing their part, when each is acting in a perfectly natural way, when all the functions are healthy and performed with natural vigor, when the energy, strength and power of resistance to disease are all at a natural point, then the body is in proper tone. When disease has attacked any part, the tone of the entire physical body should be raised to the highest possible point, to make all the body help in the cure. This is the power which underlies all of Bodi-Tone's great work for the sick, this is the power it offers you to help you get new health and strength.

Not a Secret

The composition of Bodi-Tone is not a secret. Each ingredient that is used to make this splendid remedy *is fully described* in the Bodi-Tone book, sent free to every Bodi-Tone user. When you use Bodi-Tone you know just what you are using, know it is good and safe and know you are taking the kind of medicine to provide real help for the body. It is a pure remedy that satisfies the most exacting. It contains no narcotics or habit-forming drugs, nothing that can injure the stomach; it contains no ingredient that your own family doctor will not endorse and say is a good thing. It does not depend on killing pain with opium, cocaine, morphine, or other dangerous drugs. It does not excite the body with alcohol, but it tones the body and cures its disorders with remedies Nature intended to tone and cure the body when that power was given them

Among the ingredients which give Bodi-Tone its great power, are Iron, to give life and energy to the Blood, Sarsaparilla, to purify it, Phosphate, to nourish the Nerves, Lithia, for the Kidneys, Gentian, for the Stomach, Chinese Rhubarb and Oregon Grape Root for the Liver, Cascara, to restore tone to Bowels and Intestines and Peruvian Bark for the General System.

Each ingredient Bodi-Tone contains adds a needed element from nature to the body. Each has work to do and does it well. We claim no credit for discovering the ingredients in Bodi-Tone, each of which has its own well-deserved place in the medical books of most of the civilized world. We simply claim the credit for the successful formula which we invented, for the way in which these valuable ingredients are combined, for the proportions used, for the curative force which thousands of sick have found in Bodi-Tone. Most of these ingredients are as old as civilization itself, for the curative forces Bodi-Tone uses are the forces which have always existed in nature for the restoration of the body. Many of its ingredients are regularly prescribed by the medical profession for various diseases and irregular conditions, being used either separately or in combinations with such drugs as each doctor may favor, for there are wide differences of opinion among the doctors of various schools. The *exact combination used in Bodi-Tone* is what makes Bodi-Tone's success in fighting disease, what makes it cure where doctors' treatments have failed. There is no other remedy made from this exact formula, which is Bodi-Tone's own, and which gives Bodi-Tone the curative and restorative power that makes possible the remarkable cures experienced by Bodi-Tone users, cures which prove the difference between Bodi-Tone and common remedies. That is why we want to send you a box of Bodi-Tone on trial, as soon as you write for it, for we know you will find it different and superior.

You Need It

If you are tired of ceaseless doctor bills and wearied of continual dosing without results, *you need Bodi-Tone right now.* If your local doctor is doing you no real good, if you have given him a chance to do what he can and the ordinary medicinal combinations he used have failed, give this modern, scientific combination of special remedies a chance to show and prove what it can do for you. Its greatest triumphs have been among men and women with chronic ailments who had tried physicians at home and elsewhere without getting permanent benefit, and for this reason all chronic sufferers are invited to *try it at our risk.*

Bodi-Tone offers its valuable services to you right now, right from this page, if you are sick, if you need medicinal help, if your bodily organs are not acting as they should, if your body is not in right and natural tone. That is what Bodi-Tone is for—to restore health, vigor, vitality and strength by restoring tone to the body.

If there is anything wrong with your Kidneys, Bodi-Tone helps to restore tone to the Kidneys, helps to set them right. If there is anything wrong with your Stomach, Bodi-Tone helps to tone the Stomach, helps to set the wrong right. If there is anything wrong with your Nerves, your Blood, your Liver, your Bowels or your General System, the health-making ingredients in Bodi-Tone go right to work and keep on working day after day, exerting always a definite action that produces curative results of the kind sufferers appreciate. If you have Rheumatism, Bodi-Tone helps to eliminate the Uric Acid from the system while it restores tone to the Kidneys, Stomach and Blood, thereby preventing a continuance of Rheumatic poison and putting new activity into muscles, nerves and joints. Bodi-Tone should be used by all women suffering from any Female Ailment, for its toning properties have been found especially valuable in such ailments. Men and women who are weak and run down from overwork, worry, or causes unknown to them, who feel their reserve force slipping away from them, and are losing their fight against the body's inefficiency, find new life in Bodi-Tone, as hundreds testify.

Easy To Get

Why delay another day, when a trial of this proven medicine is yours for the asking. Why keep on suffering, when by clipping the coupon, filling in your name and address and mailing it to us, you can get a twenty-five days' treatment of this great remedy which has already restored thousands to health, which folks everywhere are talking about. It just costs a stamp and you don't pay a penny unless it benefits you. You take no chances, for the value and curative powers of Bodi-Tone have been amply proven by two years of glorious cures. It is no longer a new remedy, but a remedy with a history—a history of cures that has astonished the doctors and delighted the sick. It has been tested in thousands of cases, covering a great variety of ailments in both sexes, at all ages.

Persons suffering from Rheumatism, Stomach trouble, Kidney, Liver and Bladder Ailments, Uric Acid Diseases, Female Troubles, Bowel, Blood and Skin Affections, Dropsy, Piles, Catarrh, Anaemia, Sleeplessness, LaGrippe, Pains, General Weakness and Nervous Breakdown, have tested Bodi-Tone and fully proven its great remedial value in such disorders.

Many who have for years been in poor health and tried most all of the prominent medicines, have found that *one single box of Bodi-Tone* did more good than *all* the others combined. Bodi-Tone makes up and repays for past sickness with a *strong and virile health* that is often better than the sufferer knew for a long time before sickness began to trouble. It makes the body right, with its maximum strength, vigor and vitality, which it may not have possessed for years previous, even when in fair health. Bodi-Tone works what seems a miracle by *putting tone where tone was needed.* Read the reports. send the coupon today, get a box promptly, and try it.

Reports of Cures

FRIEDENS, PENNA.—Bodi-Tone has done much for me. I was just all worn out and was not able to walk more than a mile before I was so weak and out of breath. I could get but little solid sleep for years and felt tired in the mornings as if I had done a hard day's work. I tried patent medicines until I was disgusted and doctor's medicines without lasting benefit. I had Catarrh and Throat trouble and my Heart, Liver and Kidneys were all more or less out of tune. When I I would lie down to sleep my nerves were all on the go with such an uneasy feeling. When I first saw the big Bodi-Tone advertisement I thought it was simply another patent medicine, but the name was attractive and I read it and sent for it. I am glad that I did, for it is the best medicine that I have ever used. I can sleep like a healthy child, walk, eat and do light work. I am gaining in weight and strength every day. I am past my seventy-third milestone and am now well, cheerful, happy and contented, thanks to God and Bodi-Tone. I am feeling many years younger and am told by my neighbors that I am looking remarkably well.



MRS. ROSA SPANGLER.

COOPER, TEXAS.—I was down with Muscular Rheumatism for nine long weeks and came very near dying. My physician pulled me through, but when I got up out of bed I was so weak that I could hardly do anything. The Rheumatism had left me in such a condition that I was almost a physical wreck. My limbs and body were swollen terribly, and I was so nervous and so weak that I could not stand to do any kind of work, nor did I seem to get any better. At this time I learned about Bodi-Tone and sent for a box to try. The swelling began to leave my body within a short time after I began its use and the nervousness and weakness gradually disappeared. I could ride and plow all day before I had used two boxes, and do all of my work about the place without feeling the least worried. I feel like a different man since I began to use this remedy, and cannot praise it too highly.



W. N. ROGERS.

GYPSUM, KANSAS.—When I sent for Bodi-Tone I suffered severely, and could get no relief for two years, even while taking treatment from the doctor. I thought the trouble was in my stomach, but the doctor said my Liver was enlarged. I also had Female Trouble, which was very bad. My doctor said if I did not quit work I would have to have an operation sooner or later. I was so nervous I could not sleep at night and could not settle myself to work at any one thing but a short time. I had no appetite, in fact I was so discouraged that I cared very little whether I lived or died, I was in such misery. I had not taken many more than a dozen doses of Bodi-Tone when my terrible backache all left me and the distressing bloating in my stomach disappeared. After I had been taking Bodi-Tone a little while my troubles all seemed to leave me at once, as if by a miracle. I went to bed and slept like a babe and could work all day and never feel tired. It is a wonderful medicine and so handy to take, always ready. My friends say I look as fresh and young as a girl, which shows how wonderfully Bodi-Tone has helped me.



EFFIE E. DUELBISS.

Trial Coupon

Clipped from Up-To-Date Farming

Bodi-Tone Company, Hoyne & North Aves., Chicago, Ill.

I have read your offer of a dollar box of Bodi-Tone on 25 days' trial, and ask you to send me a box by return mail, postpaid. I will give it a fair trial and will send you $1.00 promptly when I am sure it has benefited me. If it does not help me I will not pay one penny and will owe you nothing. Neither I nor any member of my family have ever before used Bodi-Tone.

Name _____

Town _____

State _____

St. or R. F. D. _____

Bodi-Tone Company,- Chicago.

Pass This Paper to Your Neighbor---Make It Circulate

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

OFFICIAL PAPER OF THE FARMERS SOCIETY OF EQUITY

Volume XIV | DECEMBER 1, 1911 | Number 23

1911		December				1911
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
F. Quar. 28th	F. M. 5th	L. Quar. 12th	N. M. 20th		1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
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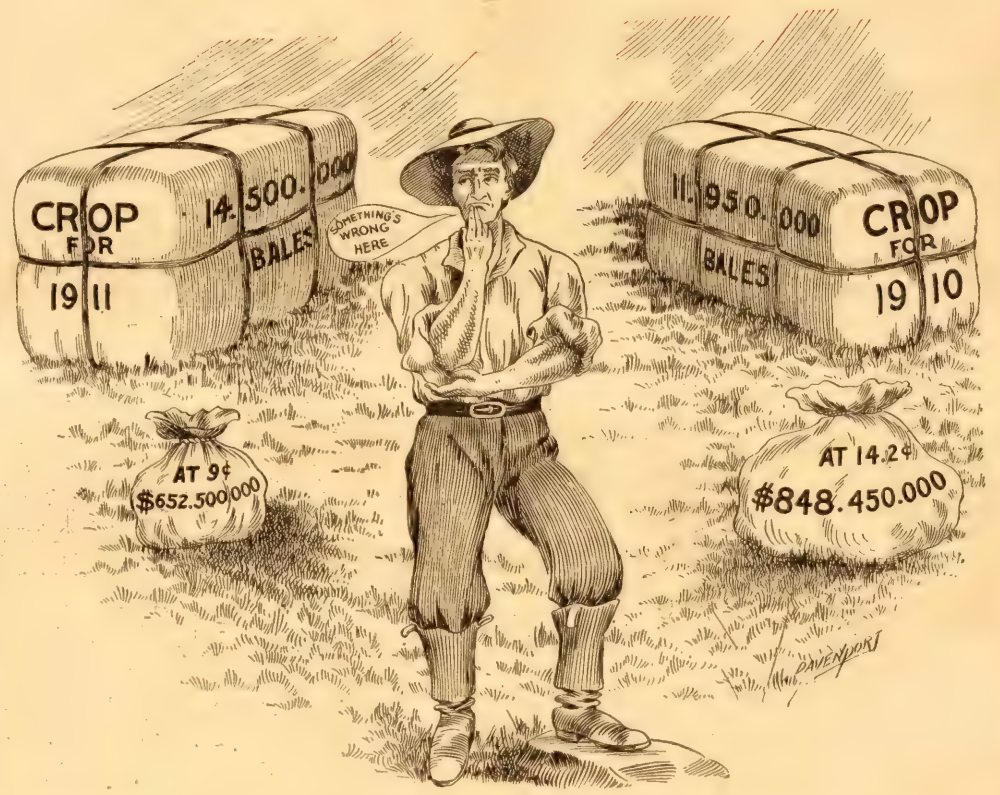
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The Awful Penalties Farmers Pay for Their Shortsightedness

Will They Save These Hundreds of Millions of Dollars in the Future?



WHAT farmer has not contemplated with satisfaction the growing crops and inwardly, at least, prayed for good weather to insure a bountiful harvest as the reward for his labors. He feels happy over his success in producing. He is proud that he lives in the country that has the finest farming land and the biggest markets in the world.

These are things we should be thankful for and we are. But we can't afford to stop with producing. The farmer who farms for big crops only, has missed his calling.

No matter how many millions, or hundreds of millions, or billions of bushels the crop measures, that is not the chief end of farming. It is possible that the yield of a crop may be so large that it spells ruin to the producers under present conditions. Jerry Moore grew 230 bushels

(Continued on Page 11.)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

CHRISTMAS DOLLS FREE

We Want Every Little Girl in the Land to Have One of These Wonderful "Mama" and "Papa" Talking Dolls. Answer This Advertisement Promptly and YOU Can Have One

ABSOLUTELY FREE

Get This Doll for Xmas



Act Today and Get Extra Prize

What is Christmas to the little girl without a doll? No matter how many dolls she now has, she always wants more. I want all of my little friends to have one by Christmas, and have prepared a way by which they can all have one FREE.

I am also going to give, as an extra prize, the large doll illustrated below. This doll will be given to all who answer this advertisement within two weeks and who get this big Talking Doll. I want all my little girl friends to have both of these dolls by Christmas. That is why I make this fine offer of an extra prize.

The stylish dress, combined with a handsome face and long curls, makes this doll very dear to its possessor. A speaking sleeping doll, will say Papa and Mama. The prettiest, daintiest, sweetest, lace dressed doll you ever saw. Lace trimmed gown and hat, fancy hose and low shoes. Her handsome costume is of a lustrous silk effect, finished with the latest fancy trimming. Dressed complete. This doll can not fail to interest the young girl for it will prove to be a source of great joy and pleasure.

What a joyful welcome the little girl gives a doll like this. It gives her unbounded pleasure to adopt such a playmate. It is a delightful surprise to receive such a beautifully dressed doll. There is everything which tends to endear it to the heart of its owner, from a pleasing face to a daintily colored gown and hat.

No plaything can take the place of a doll in the small girl's opinion, and the durability of manufacture will warrant her endless amusement with her protege.

WILL MAKE YOU PERFECTLY HAPPY

In every way this beautiful doll will please, satisfy and make happy the fortunate possessor. This doll is manufactured for us abroad, in the country where all the best dolls are made. We have gone to considerable trouble and expense in order to secure this beautiful doll. But we count this as nothing against the pleasure we know this doll will give to the little ones, and we want every little girl to have one.

HOW YOU CAN GET THIS DOLL FREE

Don't send any money. All you need to do is to send us your name and address today on a postal card, or use the coupon below, and say you want a "Mama" and "Papa" Talking Doll FREE, and we will send you our great Combination Offer, including eight packages of very beautiful post cards for eight of your friends. You should write us today.

The Extra Prize for Acting PROMPTLY

We are going to give as an Extra Prize for promptness the large, 26-inch doll to the right. You want this extra prize sure, so be prompt and send me your name and address today on a postal card and say, "I want a 'Mama' and 'Papa' Doll," or use the coupon below. This extra prize is given for promptness, so you must be quick.

This extra prize for promptness is as large as a big, fat baby, wonderfully pretty with a dimple in her chin, and can wear baby's clothes. This dolly is something like the doll your grandmother used to play with, but this one would open grandmother's eyes, for the doll of her day wasn't nearly so big, nor had she golden hair, pretty cheeks, rosy lips, nor dainty stockings with pretty buckle shoes, as this one has.



As Big As a REAL BABY

This is the Doll We Give for Promptness

TWO BEAUTIFUL DOLLS INSTEAD OF ONE

You can have both of these dolls instead of one. When I send you the dainty Miss in all her finery, I will send you the Big Doll which can wear baby's clothes, as an extra prize in the same package. But to get both you will have to be quick, as Christmas will soon be here, and there is no time to be lost. Wouldn't you just love to own both of these dolls to hug and kiss and call them your very own.

They will make you love them just as soon as you see them, and your little girl friends will love and admire them just as much as you do.

DOLLS DELIVERED FREE

Remember, we deliver these dolls right at your own door, free. We pay all the postage on everything. All this doll is going to cost you is a postal card saying you want this "Mama" and "Papa" Doll, and a little favor to us.

So don't delay in writing us. Be sure to send your name and address today, and say you want a "Mama" and "Papa" Talking Doll Free. If you will do this it will be only a question of a few days until you have both of these wonderful Dolls.

UP-TO-DATE FARMING
Dept. 105, Indianapolis, Ind.

COUPON

Gentlemen: I want a "Mama" and "Papa" Talking Doll. Please send me, postpaid, your great offer, including the eight packages of post cards for my friends. I also want the extra prize. (Write perfectly plain. Make every letter distinct.)

My Name is .....

Rural Route ..... Postoffice .....

Street ..... State .....

SEND THIS COUPON TODAY

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UP-TO-DATE FARMING

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EDITORIAL

A Business Government

IT IS unfortunate, but every year affords additional proofs that ours is not a business government. The great scheme for personal aggrandizement and the building up of special interests center in Washington. Who that followed its workings can do otherwise than admit that the recent special session of Congress was contrived and put through more with reference to political or party affect than to give the country needed relief from various abuses and to guarantee business stability and permanent prosperity?

Men are very apt to favor that in which their personal interests lies. Politicians are wrapped up in their party, and its success is their success. So long as politicians fill the offices and control legislation and the courts, party success will be the supreme object.

Lawyers, though members of a learned and honorable profession, are narrow in their views, and their lives are devoted to special cases, their object usually being to win without much regard to circumstances. In their practice they are not hired to secure justice, but to win the case for their client. Combine the politician and the lawyer into one, and it can scarcely be expected that the result is a man who can be reasonably looked to for broad views of national policies or to properly represent the great interests of the masses of the people.

Our rulers are largely made up of people of this class. At present the President and his cabinet are all politicians, and seven out of nine are lawyers; and a very large majority of the congressmen, both House and Senate, are of the same combination. As was recently remarked by a leading editor, most of them have little knowledge of business, especially on a large scale, of the principles on which it must be conducted, or its needs and rights in legislation. It is folly to look to them for a business government, and as their official salaries are above what they ever have or could earn otherwise, it is not to be wondered at that their chief concern is to retain their places.

This ought to carry with it a lesson to the voters. The voter himself, however, must learn to consider the ballot a more sacred trust or duty than it has been of late regarded. It devolves upon the business men and farmers of the country to change these conditions. Those who actually rule constitute but a small portion of our people; but they are active in conventions, in primaries, in campaigns and in elections. Since this class of people makes the laws it is natural that the election laws should favor their success rather than to guarantee a free and independent expression of the wishes of the masses. The professionals and party managers lay the plans, choose the men, set the stakes, and the people work to them.

There is but one remedy under our national and state constitutions and the laws, and that is for the business men and farmers to take more interest in public affairs, to exercise their privileges and powers in matters preliminary to the elections, and then to vote not as somebody plans for them to vote, but as independent citizens who, under the constitution, possess every legal right that any other citizen possesses. The barriers of prejudice must be broken down, and the inherent wish of the masses for good government must be the ruling motive in the choice of public officers. So long as the progressive, unselfish, lawabiding people, those who honor and respect the government as a means to secure the public welfare—so long as that class of people are divided by prejudice and swayed by party names and traditions, selfishness and corruption will rule, and the masses of the people will suffer.

On the contrary, if every citizen did his part and exercised the rights and powers he inherited from the fathers, performing public duties with the same interest and integrity that he does the personal duties of life, corruption would soon be driven from public places and we would have a truly business government for the good of all.



A STRING OF HORSES OWNED BY OUR SUBSCR IBER, MR. H. SCHUMAN, SUTTON, NEB. PHOTO BY OUR STAFF PHOTOGRAPHER, DAWSON.

Plumage on Hats

THE Department of Agriculture has been busying itself with the plumage worn on ladies' hats. If the wearing of such plumage involved the slaughter of useful, or harmless but beautiful birds, the Department might do a service by investigating it with a view to preventive measures. But it was found that from Los Angeles and San Francisco to Chicago the trade in bird plumage for millinery purposes was insignificant, though in Chicago aigrettes were being sold in considerable numbers.

New York city, however, was found to be the receiving and distributing point for practically all the plumage brought in from foreign countries. If these ornaments are brought from foreign countries, and do not involve the killing of American birds, and if the ladies wish to wear them, why need the Department of Agriculture care? Yet we are told "preparations have been made looking to the more stringent enforcement of the laws restricting the plumage trade." Has Mr. Wilson ever thought of making preparations looking to a more stringent enforcement of the laws restricting the trade in beer?

Southern Governors and Cotton Prices

THE governors of various southern states recently held a conference in the city of New Orleans to consider the cotton crop, and the marketing of that great staple. The question of reducing the cotton acreage so as to diminish production was fully discussed, and resolutions to that effect were presented, and the farmers throughout the south were appealed to to hold every bale of this year's crop that is not already sold. These were decided to be the two most necessary steps to take for tthe immediate relief of the farmer and the restoration of cotton to its proper place in the market and a normal price. No extortionate price is asked for, but the governors assured the farmers that if they hold the cotton they now have on hand, indications favor an early increase of at least two to three cents a pound.

Governor Colquit, of Texas, submitted statistics to show that the world's spindles will require 13,739,916 bales of the present American crop, as reported by the Department of Agriculture. This, the governor said, makes the equitable price for this year's crop not less than thirteen cents. "With these figures in view," said Mr. Colquit, "the farmer should hold every remaining bale of the present crop until the spinners are ready for it, and this fact should give confidence to the bankers and men of the south to give every encouragement to the farmer who shows a disposition to hold his cotton."

Mr. Brown, who, with others, was indicted in New York on a charge of conspiring to create higher prices for cotton, and who, it was alleged, added $200,000,000 to the value of the cotton crop of the south, was present and declared himself ready to go to jail if he had in any way aided in enhancing the value of the south's great product. He said the south this year will receive $350,000,000 less for its cotton than for the previous year's crop. This loss to the cotton growers, contrasted with recent reported losses to the steel trust, shows how different the press and "molders of public opinion" regard corporation losses and farm losses. When it was reported a few weeks ago that steel corporation stocks had fallen $20 a share because of government prosecution of the trust, officials and the press shuddered at the results, but when trade manipulations cause the farmers a loss of three hundred and fifty millions on a single crop, these directors of public sentiment pay no attention to it.

It is an encouraging sign that governors of states are taking these matters up, but we can not but feel a sense of pride when we remember that such a thing as holding crops to meet demand at equitable prices had not been mentioned anywhere until after we began to urge it some years ago in UP-TO-DATE FARMING. We expect to see the day when farmers will control their business as completely and as wisely as othter classes do.

Mr. Taft Must Be Mistaken

IN HIS address at the dedication of the memorial temple which enshrines the cabin in which Abraham Lincoln was born, President Taft is reported to have said: "Few men have come into public prominence who came absolutely from the soil."

In that the President must undoubtedly be mistaken. The soil has ever been noted as a producer of great men and women. The special command given to Adam was to till the soil, to multiply and replenish the earth. "In the sweat of thy face shalt thou eat bread." And then the great men of the Bible had their flocks and herds, and their industry more than anything else was tilling the soil, until we come down to New Testament times, when fishermen attained prominence; but the scribes and —and—whisper it—lawyers occupied very different positions.

Seriously, though, farmers fill an enviable place in the world's history. The fact is, the greatest men have been farmers or farm boys. In modern achievement, modern business, those who grew up on the farms have made the greatest successes; we mean the greatest number of those who have made great successes.

Few of them, perhaps, came from the very bottom, as the immortal Lincoln did, and we more than honor him, not only for his wonderful power and great achievements, but as an unmistakeable proof to the farm boys of the world, no matter how humble their surroundings, that the door of greatness is open to them. Yes, indeed, Mr. Taft, many men and women, too, for that matter, have come into public prominence absolutely from the soil. It may be that this idea the President has concerning those who live upon the farms and til the soil, is responsible for what seems to be his greater care for the interests of others than for the interest of the farmers.

A PROBLEM FOR EVERY COUNTY

Millions Involved---Farmers Can Solve This Problem as Others Have Solved Theirs

It's bread, the city people want, and meat, and fruit and vegetables. It's markets and fair prices the farmers want.

The high cost of living is as great a problem for the farmers as for city people.

The farmers of an average Indiana county do a business of $6,000,000, selling and buying, yet they have nothing to say about the price either way.

It costs the farmers of an average county $2,000,000 a year in selling and about $400,000 in buying to do without a business organization. For $8,000 they can establish a business system that will make their business as certain for profits as any business in the country.

THE Farmers Society of Equity and this paper are working as hard as they can to bring about practical community and national co-operation and universal rural upbuilding through a sound farm organization.

We believe in larger markets and fairer prices for farm produce through a better system of selling and we believe in a more general distribution of farm produce and lower prices to consumers through a better system of buying.

Much has been said about the high price of living in the cities, but no person or paper has yet pleaded the cause of the farmer against the high cost of living. No farmer produces all his family consumes. For a fact, considering the usual large family of the farmer's, and the hired help which he usually boards, the average farm family buys as much, or more, from the stores as the city family does. Therefore the burden of high prices falls as heavily upon the farmer as upon his city cousin. It seems that no person has thought of this, but it is true.

So, when we urge co-operation by farmers, it is for both selling and buying—co-operation in all their business relations with other people.

Let us see what this involves in an average county:

We have before us, as we write, a report from fourteen Indiana counties that gives the total number of farmers, heads of families, as 55,512, or nearly 4,000 to the country.

A low estimate of the average annual sales of all produce from these farms is $1,000. Then the total sales from 4,000 farms is $4,000,000.

A very low estimate of the purchases, per farm, we will put at $500 a year. Then the total purchases amount to $2,000,000.

Assuming that these estimates are approximately correct, then the total business of selling and buying by the farmers of an average county in Indiana is $6,000,000.

Notwithstanding this enormous volume of business there is scarcely a crop sold, or a machine, or an article for the household bought that the farmer, as seller or buyer, has anything to say about the price.

We mean that the farmers of each, Marion, Boone, Pike, Vanderburg, Posey, Lawrence and other counties in Indiana, are selling and buying $6,000,000 worth of goods each year, yet they have no business system or sales or buying organization. Absolutely none.

Can you, Mr. Farmer, for whose benefit we are writing this, point to any manufacturing, or mercantile concern, or corporation that does one-tenth of the business that does not have its selling and buying organization?



WILL YOU JOIN THE FARMERS SOCIETY OF EQUITY AND SAVE THIS MONEY.

You work hard all spring and summer and autumn—plowing and sowing and cultivating and harvesting. You have produced the crops and you are just ready to sell. You know you ought to have $1,500 for all the investment and the year's work—yourself and family and hired help—and a reasonable profit, but you are offered only $1,000.

You don't like to take it, but it is all that is offered and you have no power. You see it is the same way with your neighbors. You see them selling, and you sell. Your fine corn, wheat, oats, hogs, cotton, rice, hogs, butter, eggs, fruit, potatoes, etc., go to the middlemen at one-third less than you ought to have and finally they reach the consumer's kitchen at two and one-half times the price paid you.

THUS BOTH ENDS HAVE BEEN ROBBED TO MAKE MILLIONAIRES OF A FEW BIG OPERATORS IN THE MIDDLE, AND TO SUPPORT A MIDDLE SYSTEM THAT IS SAPPING THE VITALS OF THE NATION.

You should have had one-third more all around to put your business on a level for profits equal with others. You did not get it because you have no business system of your own, but use the system of the boards of trade and produce exchanges—because you do **THE WORK** only and let other people do your business. This costs an average county $2,000,000 on what the farmers sell.

It is easy to show that 20 per cent. can be saved through co-operative buying. Then 20 per cent of $2,000,000 is $400,000, what the farmers are paying extra because of individualism in buying.

The total loss to the county is $2,400,000.

That is, the farmers of an average county in Indiana are paying about $2,400,000 to do without a business organization of their own.

This sum represents the county's contribution to maintain the speculating and gambling boards of trade and produce and cotton exchange's system of marketing; it is the price farmers pay to maintain our government of the INTERESTS, by the INTERESTS, for the INTERESTS; it is the price of farm boys and girls leaving the farm; it is the secret of not being able to get good hired help and keep them. It is the equivalent of every ill that afflicts American agriculture.

This outrageous condition has prevailed for many years and is getting worse all the time. It is bound to continue forever unless you do something to protect yourselves.

Mr. Farmer, will you permit it to continue another year if there is a simple, inexpensive, quickly applied, sure cure?

You ought to change it if it cost you half of what you are worth; or if you had to go to war to fight for a better system.

But the remedy is inexpensive and easily applied.

All the farmers of any county need to do is to organize a local union at each important market town and city or shipping point and a county union at the county seat.

What will it cost. Two dollars for each farm, $8,000 for each average county, if all the farmers join.

But all the farmers don't need to join. Comparitively few farmers and comparatively few counties can throw the balance of power to bring certainty in prices and market all over the country.

Compare this with $2,400,000, the measure of the benefits.

Isn't it just as bad to have somebody owe you five hundred dollars and never pay it, as to lose five hundred dollars a year through bad business methods? If you could collect the debt by hiring an attorney for $2.00, would you do it? Since you can build a co-operative society that will make you $500 at $2.00 each, will you refuse to do it?

Its bread the city people want, and meat and fruit and vegetables, at equitable prices. The farmers can solve this problem through co-operation such as we teach. It can not be solved any other way.

The Farmer and the Schools

EVERYBODY needs to be educated, and those engaged in special work need education along the lines of that work, and such training as will best qualify them for success in it. The world needs successful men and women no matter what the vocation pursued. It is the unsuccessful, the drones, the shiftless, the unprogressive, that are a burden to themselves and a drain upon the resources of society.

The farmer is no exception to this rule, and the interest taken in the education of farmers and their children is highly gratifying. Some of our best schools are schools that teach agriculture, and the best efforts of our most learned men are devoted to them. Appropriations of public moneys are freely made by the states and the nation to assist and encourage these schools and make them more effective. The press unites in encouraging farmers to avail themselves of the opportunities thus offered, and various institutions not at all connected with farming except in the general benefits derived therefrom, exhaust their resources in the promotion of the schools, and the advancement of agricultural knowledge.

And these schools are not unsuccessful. In fact, we may use the stronger expression and say they are successful. We are sometimes inclined to criticise them where we think they deserve it, but for all that, we are proud of them and the work they have accomplished. As a result of that work the farmers are an intelligent class of people, as much so, perhaps, as any other class outside of the professionals. Even in the fields they are brought up against many problems that the principles of science alone can solve, and those principles are being applied on the farms in a way that proves farmers are students as well as those at the desk or on the rostrum.

The trouble with the schools is that they teach only half enough. Their entire energies are devoted to overcome the adverse conditions of nature, and bring from the soil a greater abundance. To that all the efforts of the schools are directed, the public appropriations are made to that end, and all the aid rendered the schools is for that purpose. That is good so far as it goes, but, as we have said, it is only half, or less than half. The farmers' income and the nation's prosperity of agriculture, does not depend alone upon production, but as much, or even more, upon the price paid for the products. Every crib and barn and bin may be full, and the farmer may have no more money, may be no more able to provide other needs for his family, until he receives the financial reward supposed to be in what the acres have produced, and the world is not a whit nearer its needed supplies until those products have left the farms. The education given the farmer, therefore, stops short of the very object it seeks to accomplish, the prosperity of agriculture and to supply the world with the necessaries of life. Neither of these can be effected until sales have been made. Marketing, after all, is the great question, and distribution is the final act of accomplishment.

Educators have found science in production, and they have taught it to the people. Is there no science in marketing, in disposing of the crops? If there is no science in this practical business part of farming, then there is certainly no art, and art may be taught as well as science. If a fraction of the efforts of the schools were devoted to teaching safer and better storage, timely and more equitable marketing to meet actual needs, wiser and cheaper distribution, taking the stuff direct to the users, agriculture would make a sudden bound upward, farming would become the greatest business on earth, and the wish of every promoter of farm education would be realized. God grant an enlargement of the agricultural school, so that there shall be effectively taught both science and art of farming, so that the farmer may be not only an educated and intelligent citizen, but a wide-awake, progressive business man, as certain in marketing as in production.

An Example of Farm Uncertainty

THE figures compiled by the State Commission of Agriculture (Virginia) for Accomac county, shows that the truck and garden stuff sold from that county in 1911 brought $5,000,000. On the basis of prices paid the year before, the same quantity of produce would have sold for less than $2,000,000. The great crop in Accomac county is Irish potatoes. To understand the uncertainties of the business better we take an individual example. This year one farmer had 10,000 barrels of potatoes which he sold for $5.00 a barrel—$50,000. Last year the same man had 25,000 barrels which brought him only$1.60 a barrel, or $40,000.

This shows the fluctuations, uncertainties and risky features of the business, yet there is a local organization through which the produce is sold cooperatively.

Commenting on this matter, Mr. Jeffers wrote to the Market Growers' Journal as follows:

It makes one almost shudder to contemplate the result, had the 1911 crop been even a normal one. The crop was unusually small and the price unusually high. Had it been otherwise, this trucking section would have been thickly strewn with failures. As it is now, the greatest wisdom must be exercised by our farmers to avoid over-production in 1912. This district is able to produce ten times as much vegetables but the advice to "go slow and learn to peddle," applies now to the truckers, more than ever before.

It is all clear that when crops are small that prices will be high without the aid of an organization. But it is the large crops that need a system that will find all the demand and direct the supply. We deny that there has been a real surplus of any crop. The trouble has been the lack of a broad and comprehensive system of marketing that would find all the demand and satisfy it. As long as there is a hungry person in the country we should not consider that the fruit, vegetables, etc., that spoil in the country are surplusses. Rather, we must conclude that our system of distribution is bad.

In the Chicago Tribune of November 16, was an account of a "Penny Lunch" at the Adams school. The account said:

At "Penny Lunch Time" at the Adams school, Chicago, 202 children eat seventeen loaves of bread, and vast quantities of butter and molasses and drink six gallons of milk, at a cost of 202 cents.

But what parents, but those who are "pinched" by the high cost of living, want their children to eat penny lunches? The remedy is for the producers to organize more thoroughly and co-operate to get nearer the consumers. Too often the commission houses, jobbers, brokers and storers, who are now picketed at every entrance to the cities' markets, are interested in keeping the supply out, depending whether **THEY** are "long" or "short" of supply and regardless of the supply seeking a crying demand.

Let the farmers organize at every shipping point as fast as possible and soon the time will come when these local organizations can all have their supply directed through one head to meet the enormous, unsatisfied demand.

Violating the Game Law

THE United States Department of Agriculture has been investigating the violations of the game law. Not many violations were found in marketing game either in Philadelphia, Buffalo, Cleveland, Indianapolis, St. Louis or Chicago. But hunters were not so fortunate as the dealers. The investigation brought to light flagrant disregard of the laws, both federal and state, especially on the coast of Virgania, where waterfowl for northern markets were being netted and exported in large quantities. Prosecutions were immediately begun and the principal violators of the law have been indicted in the federal court. Those convicted were fined $200 and costs each, and other trials are pending.



THE HOME AND AUTO AND FAMILY OF SUBSCRIBER W. B. CAVE, PANORA, IA. PHOTO BY OUR STAFF PHOTOGRAPHER, BLACK.

Could Double Production

PRESIDENT C. R. Van Hise, of the University of Wisconsin, in a recent address on an important occasion at the University of Minnesota, said: "We know enough so that if the knowledge were applied the agricultural product of the nation could easily be doubled.

Why is not that knowledge applied, and what would be the result if it were? Have we knowledge enough if it were applied to double the demand for and consumption of farm products in the nation? If not, then what would become of that double production of agricultural products, and what would be the effect on the farmers? We wish our learned men would study these questions which they seem to utterly ignore. If there is enough produced now to supply the demand, an increase of production would create a surplus, glut the markets, reduce the prices, and often compel farmers to dispose of their stuff for less than it cost to produce it. This is a fact which can not be denied, for it has frequently occurred. The secretary of agriculture, in his various reports, gives many instances where large crops brought the farmers fewer dollars than the smaller crops of other years. It is very sure that if production were doubled farming would be unprofitable because of the oversupply of the demand, and the surplus that no body would want would go to waste after it had torn down the price of what could be sold. It is no relief to say that if production were doubled or greatly increased, farmers would have more to sell, and their losses would be thus regained. History does not justify any such conclusion. The demand for farm products varies some, and is to some extent dependent upon the ability of the people to purchase; but, after all, human needs are definite, and when these needs are supplied no more will be taken. Hence the result to agriculture would be that farmers would have more stuff to harvest and handle, and, in the aggregate, would get less money for it. This is fully proven by actual occurences as shown by official statistics.

But, say those who so persistently argue for increased production, to double agricultural production would reduce the cost of living. There is no reason to believe that it would. We have the opinion on this subject of Mr. Alfred L. Webb, a circus steward, who for nearly a generation has been feeding circus employes. He says, as so many others who know have said, that the high cost of living is not in the prices paid the farmers. He gets his supplies direct from the producers, not at the stores, and he declares he feeds his great circus crowd at a cost of only a cent a meal more than he paid fourteen years ago. If other consumers could get their supplies direct it is evident that little more would be heard of the high cost of living.

It is certainly, therefore, the duty of everyone who would instruct along these lines, to teach a better system of marketing. Production is already satisfactory and abundant. A large surplus goes to other nations every year. But in getting from the producer to the consumer a price is built up that makes the high cost of living and compels many to go hungry. There can be a better system, an easier system, a cheaper system, a system that will be equitable to all and pay the farmers profitable prices, while it gets the stuff to consumers at reasonable rates.

Example of Abominable Co-operation

RECENTLY the editor was in Harrisburg, Pa. We visited the McFarland Publicity service, where many seedsmen, nurserymen and co-operative growers and shippers associations have their pdinting done. We learned that Mr. McFarland was closely associated with the Florida Citrus Grower's Association, and frequently advised them about marketing. California growers of citrus fruit also have an association.

Speaking of marketing citrus fruit we soon learned that the greatest difficulty was met in the competition of the two states for the markets. Our informant said, "There is a constant fight between the two associations for the markets."

This verifies what we have always ways taught, viz., that there should be only one organization at the marketing end of agriculture, for all producers, for all crops. And, that even two organizations would be very little better than one.

Here we see a line of produce that two states have a practical monopoly of the production and the growers in each state are fairly well organized. The markets are common to both sets of producers and they "fight" for the markets. That is, they both fight for the same markets, instead of dividing the markets. The result is inevitable. Often glutted markets, unprofitable prices and disgusted or ruined growers.

As we said, Mr. McFarland helped the Florida association in marketing. Now let us suppose that the Florida association made Mr. McFarland its exclusive selling agent, and that the California association did the same. Then Mr. McFarland would represent practically all the citrus fruit of the country and the demand would be obliged to look to him for it. Don't understand that he would be obliged to travel around to seek customers, but he could sit in his office and receiving telegrams and letters asking for supplies. He could then telegraph the orders to Florida and California and absolutely guard against any gluts.

An added advantage of this method will be in the fact that every person who wanted supply would know exactly where to find it. This would enlarge the market.

This is the F. S. E. idea on a small scale—applied to one class of goods. Isn't it an improvement over the competitive, fighting-for-markets, method?

The Indianapolis Consumers' League Movement

SEVERAL times in this paper we referred to the desire on the part of the mayor of Indianapolis and the citizens to find a remedy for the high cost of living.

The first step was the mayor's committee to investigate and make recommendations. It finished its work about the last of September and made its reports. The mayor turned the report over to the council with some recommendations, where it sleepeth today.

The next serious movement was made by one of the typographical unions. It has had numerous committee meetings and two semi-public meetings. At last one, a committee of fifteen, brought in a recommendation for co-operative stores on the Roachdale plan and recommended that $5,000 be raised to start the movement. As far as any relief to the consumers from the high cost of living is concerned this attempt will be abortive. It may and probably will give jobs to a few people, but the person who expects organized labor, or any other class of people to go into the store-keeping business in competition with the more than 1,000 stores already established and beat the game enough to reduce the cost of living to what it ought to be is simply fooling himself.

But there is still hope for Indianapolis. The editor of this paper has followed the movement from the first. He did not expect much to come through the mayor's movement. He was equally convinced in advance that organized labor would not take a broad view of the matter, but, by seeking some advantage in employment, or some benefits that families outside of organized labor would not get, their effort would be futile. But we believe the logical people have taken hold of the matter now and we look for a satisfactory outcome.

It is a fact that the women buy nearly everything that goes on the table and into the homes. Therefore, this problem and its solution concerns them more than the men. In Indianapolis they are beginning to get awake to the apparent fact that if relief is found it must come through the women. Seeking this end the local council of Women's Clubs of Indianapolis will meet on December 5th, to consider the plan that was printed in this paper of September 1st number. Also on December 7th the Housewife's Protective Association, with a membership of five hundred, will also meet to pass on this plan.

Our readers are as much interested in this matter as the consumers in cities are, therefore we will print in future numbers whatever action is taken.

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.



1911 CROPS

WHEAT—No. 2 Red, at Chicago $1.25
WHEAT—No. 2 Northern Spring, at Minneapolis 1.30
OATS—No. 2 White, at Chicago.... .55
BARLEY—Good malting, at Chicago 1.00
RYE—At Chicago 1.50
HAY—Choice Timothy, at Chicago, ton .....$22.00@$24.00
POTATOES—Choice, at Chicago ..... .85
BEANS—At Chicago 2.50
COTTON—New crop, to the grower.. .13
BROOMCORN—Choice Illinois, at Chicago, ton ..$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton .. 125.00@150.00
CATTLE—Good to choice, Steers, at Indianapolis .....$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis..... 7.00@7.50
HOGS—Good to choice, lights and mediums ..... 6.50@7.00

1910 CROPS

CORN—No. 2 White, at Chicago.....$ .65
BUCKWHEAT—At home market..... .85

Advice

Hold all crops that are not selling at the minimum prices or above. Market only while the price will be paid. Watch the market and this department and stop as soon as the price declines below the Minimums. Old readers know that it pays to act on our advice. We have been giving advice about prices and marketing for nine years and the mistakes have been the rare exceptions. No matter what you think of the minimum prices and our advice now, you will make more money if you respect them. Help to get this paper in the hands of all your neighbors.

THE harvests of 1911, in this country, are practically completed. A review of the results, based on the government estimates is therefore interesting. We find that production of most of the important crops shows a loss of 7.9 per cent as compared with 1910, and about 0.4 per cent loss compared with the preceding five years' average.

The principal departures from last year's crops are in the following: Corn, 349,000,000 bushels less; Wheat, 40,000,000 bushels less; 243,000,000 bushels less, 17,000,000 bushels less; potatoes, 57,000,000 bushels less; Tobacco, 194,000,000 pounds less.

Some other crops, expressed in percentages of the average production of recent years show these variations. Apples 26 per cent more; alfalfa 4 per cent less; beans 5 per cent less; cabbage 7 per cent less; onions 10 per cent less; clover hay 32 per cent less; timothy hay about the same; broom corn 15 per cent less, and cotton 7 per cent more.

The comparison of the following figures with next preceding ones show a still further increase in the visible supply of wheat, but an encouraging increase in the price, although the price is about 4 cents under the high mark preceding the government scare. The changes in the visibles of other grains are not in. Corn, oats, broom corn and potatoes are all materially higher, as are butter and eggs.

The following figures tell the market story:



Visible Supply

The visible supplies of grain in the United States by Bradstreet's reports, on Novemkets on November 18, two weeks before and in the following table: (The sign — before the figures means decrease, X means increase.)

	Nov. 4, 1911 Bushels	Change from 1 wk. before Bushels
WHEAT	71,851,000	X 2,644,000
CORN	2,746,000	— 864,000
OATS	27,328,000	— 305,000
BARLEY	5,011,000	X 280,000

Change from a year before Bushels	Change from 2 yrs. before Bushels	Change Bushels last year
X 20,185,000	X 33,111,000	X 2,931,000
— 2,608,000	— 1,583,000	— 1,674,000
— 2,165,000	X 7,410,000	— 1,643,000
X 1,222,000	— 2,779,000	— 83,000

Closing Prices of Cash Grain

Cash grain closed in the leading markets on November 18, two weeks before and a year before, as follows:

WHEAT, No. 2, RED

Nov. 18.	2 wks. before	A Yr. before
Chicago ....97 @99	95 @97¼	93
St. Louis ...96½@98	96 @96½	97½
Kan. City .. 98	96½@97	95
Cincinnati ..97 @99	97 @99	97
New York ..	97 @98¼	

Minneapolis—No. 1 hard spring, $1.06⅜ No. 1 Northern, $1.03⅜@$1.05⅞. Two weeks before, $1.06 and $1.05¼, respectively. A year before, $1.06 and $1.04@$1.05, respectively.

CORN, No. 2, WHITE

Chicago ....76½@77	74¾@75	52
St. Louis ... 77	73	50½
Kansas City. 75	70½	50
Cincinnati ..75 @75½	74	56
New York ..	80	

OATS, No. 2, WHITE

Chicago ....49¼@50	47½@48	33
St. Louis ...50 @50½	48	34
Kansas City 49 @49½	47½ 48½	35
Cincinnati ..50 @50½	48 @48¼	33½
New York ..	52½	

Future Grain Prices

Chicago grain futures closed November 18, 1911, and one week before, as follows:

WHEAT—December, 95¾; May, $1.00½; July, 94⅞. One week before, 94⅝, $1.00⅜ and 95⅛ respectively.

CORN—December, 63⅞; May, 64⅞; July, 64¾. One week before, 62½, 64⅛ and 64¼ respectively.

OATS—December, 47½; May, 50; July, 46⅜. Two weeks before, 46½, 49⅛ and 46 respectively.

Statistical Situation of Cotton

New York, Nov. 18, 1911.

Cash cotton close; Middling uplands, 9.50c; Middling Gulf, 9.75c. One week before, 9.40c and 9.65c respectively.

Live Stock

Indianapolis, Nov. 18, 1911.

CATTLE—Good to choice steers, 1,300 lbs. and upwards .....$7,25@8.25
Good to choice, 900 to 1,100 lbs ..... 5.00@6.00
HOGS—Best heavies, 210 lbs and up ..... 6.30@6.60
Good to choice lights, 160 to 180 lbs ..... 6.10@6.35

The price of cattle is about the same as a week before, of hogs a shade higher.

Chicago Produce Market

November 21, 1911

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of uniform comparison.

POTATOES—Arrivals by cars, with comparisons, follow:

	This wk.	Last wk.	Last Yr.
Monday 113	118	59
Tuesday 127	146	65
Total, 2 days..240	264	124

Trade was not as active today on local account and the market was called just steady. The outside demand was good. Receipts continue large and still the offerings do not exceed the requirements.

Sales reported were: Wisconsin—1 car rough at 86c, 2 cars sacked at 87c, 2 cars do. at 88c, 1 car do. at 90c. Michigan—2 cars frozen at 85c, 2 cars fancy at 95c.

Per bu. bulk or sacked, Wisconsin, Burbanks or Rurals, ordinary to good.....$ 80@ 85
Choice ..... 86@ 88
Fancy ..... 90@ 92
Kings, choice to fancy..... 88@ 92
Bulk, Michigans, Burbanks or Rurals, good ..... 85@ 88
Choice to fancy ..... 90@ 92
Minnesota, Burbanks or Rurals, good ..... 85@ 88
Fancy ..... 90@ 95

Extra fancy possibly higher.

Any frozen stock would have to be sold at a discount under the above quotations.

The price is about 20c a bushel higher than two weeks ago, and 40c higher than a year ago.

STRAW—Scarce and firm. Rye straw quotable at $10.50@$11.00. Oat straw at $9.00@$9.50. Wheat straw at $8.00@$8.50.

The price is 50c a ton higher on rye; $1.00 a ton higher on oat, and 50c a ton higher on wheat straw than two weeks ago.

BEANS—Are ruling firm. Demand is picking up. Receipts remain small. Beans cannot be expected to come in fast. Their wet condition causes a good deal of drying which takes time, and the damaged state of the Beans necessitates hand-picking which also makes delay.

Pea Beans—
Hand-picked, choice dry.....$2.47@....
Damp, damaged, mouldy, no regular value.
Mediums nominally about same as Pea Beans.
Red Kidney, dry .....3.50@....
Damp reported as unsalable.
Brown Swedish, long ..... 2.85@3.00
Round ..... 3.00@3.25

Price on Pea Beans is about the same as two weeks ago. Red Kidneys are 75c a bushel higher and Long Brown Swedish 10c@15c higher than two weeks ago.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	2,584	1,972	2,548
Tuesday ...	2,025	2,598	2,467
Total	4,609	4,570	5,015

Receipts April 1, 1910, to Nov. 19, 1910, 2,706,240 cases.

Receipts April 1, 1909, to Nov. 20, 1909, 2,685,679 cases.

The market shows a decidedly firm feeling, but no change made in the quotations today.

General conditions remain the same as of late. A good demand continues to exist, and all fresh Eggs coming are taken up readily. Very few strictly fresh Eggs are being received, and they are bid for strongly by the various buyers. The scarcity is creating a strong feeling, and prices favor holders. Most of the consignments of so-called fresh Eggs are made up of a few strictly fresh and mainly stale and country cellar-held Eggs. Prices vary widely, according to quality, and when Eggs are not strictly fresh, they drop off a great deal in price, because the ordinary lots of Eggs come into competition with storage. The demand is to supply local wants and to fill outside local orders. So few Eggs coming which grade better than "Firsts" that it is useless to give quotations.

Eggs to grade "Firsts" must be packed in new whitewood 30 dozen cases unless otherwise specified; shall be reasonably clean, of good average size and shall contain 45 per cent of fresh, reasonably full, strong, sweet Eggs. The balance, other than the loss, may be defective in strength or fullness, but must be sweet. There may be a total average loss of two dozen per case.

The following quotations were established by the Butter and Egg Board

Miscellaneous lots, cases included—Eggs which will not grade—21@25c, depending on quality.

Miscellaneous lots, cases returned—Eggs which will not grade—20@24½c, depending on quality.

Ordinary Firsts quotable at 24@26c.

"Firsts" quotably 27@29c per dozen.

Checks or Seconds quotably 12@14c, depending on quality.

Dirties quotably 16½c per dozen, and candled stock will command a higher price.

Refrigerator Eggs, April Extras, were offered at 23c, and 21½c bid. Firsts offered at 21½c, and 20¼c bid.

The price is 2c to 4c higher than two weeks ago.

APPLES—Were quoted as steady. Dealers report no change in prices. The market cannot be said to be active, but there is a steady and fair volume of business. Arrivals have fallen off somewhat of late. All kinds—barrels, bulk and boxes—are in fair demand.

Market No More Crops the Old Way The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

R. R. .....County .....State.....

Are you a member of F. S. E.....My Shipping Station is .....On Railroad .....

If not a member, send $1.00 with this and become a member-at-large and entitled to use the System.

THEY SAY

We compliment you on your new "Directory" and credit book. The book is very attractive and should prove very valuable to members of our Society. We will make it a point to keep you posted and tell our members to seek our co-operation in marketing. Market is good here for potatoes and onions. Apples and other seasonable produce also sell well.—*The Equity System, St. Louis, Mo.*

It seems to me that our Society is building now on a foundation that will bring success in marketing. I refer to the improvements in the new "Directory" just received. I am happy to say that my facilities are equal to handling an unlimited amount of fruits and produce, and I certainly hope that our members will keep me making out checks continually for their produce.—*The Equity System, Boston, Mass.*

x x x Your revised "Directory" received and we are very glad to get it. We have examined it with care and commend it. We have also familiarized ourselves with the conditions on page five. We are doing some direct business with the farmers of Texas and Oklahoma already and believe it is to their interest to make direct shipments to this port. Cotton is shipped from here to all parts of the world. We wish much success for the Equity System.—*The Equity System, Galveston, Tex.*

An Appeal to the Farmers

My dear friend, the farmers, to you I will say,
Gird on the whole armour of manhood today;
Don't wait for the future, so far off and dim.
For now is your chance; take hold with a vim.
You know your condition this unorganized way.
But if all stood together you'd have the full sway.
The whole country will feel the effect of your strength,
And Equity's prices will be gained at length.
Your power united none can overthrow,
But in order to get there you must strike the blow.
Don't be discouraged; there are men iin the field,
That to fiercest discouragements never will yield.
Hold up their hands with your banner on high,
And work to the motto, "We can if we try!"
The world will then meet you, a smile on its face.
And know that the farmer has found his true place.

—Howard D. Clarke, Red Lodge, Mont.

Thousands of Farmers Have Taken Advantage of This Free Trial Offer

Why Not You?

Here is what a few users say about the Luther Tool Grinder

Agricultural Colleges Recommend It

I find the Luther Grinder an ideal machine for general farm use, and I believe it will be money well spent for any farmer to have such a grinder to keep the tools in shape on his farm. It is as far in advance of the old fashioned grindstone, which required the small boy to turn the crank, as the electric light is in advance of the tallow candle. The machine is well put up, and I am happy to say is sold at modern cost.—HENRY G. KNIGHT, Director of Agriculture, University of Wyoming, Laramie, Wyo.

U. S. Gov. Officer Recommends It

No doubt you wonder how I like the grinder; will say that I am very well satisfied with it and wouldn't be without it for twice the price. Everyone that sees it says it is sure all right.—C. H. SUTHERLAND, Flint, S. D., Dept. of Interior, U. S. Indian Service.

From Indianapolis Manual Training School

In regard to the grinders now in use in our schools I would say that we could hardly get along without them. We have them in some 15 or 16 school shops in different parts of the city, and on these we do practically all the grinding for that shop center. With the grinding rests attached to the machine we find that the boys can very readily grind chisels and plane irons and grind them well. The 16 machines that we have had in use for some two or three months are standing up nicely. We feel that we have found a very valuable addition to our shop equipment.—LOUIS A. BACON, Indianapolis, Ind., Director Manual Training.

10 to 15 Years, and As Good As New

My cousin says he has had his Luther Grinder 10 or 15 years and it is as good as ever and he says, "You will make no mistake in getting one and will be sure to be satisfied, and the wheels will grind much faster than any other grinder. Every farmer ought to have one."—M. A. PAYNE, North Branch, Mich.

Ohio Public Schools

We ordered three Luther Grinders and they are now in use. We have 450 boys using edged tools per week and have had much trouble in keeping these tools in proper condition. With your grinders we have had the best success. So little time is required to grind a tool with these grinders that it is a real pleasure to a boy to do his own grinding. No manual training school can afford to be without one of your grinders.—CHAS. STOKER, Canton, Ohio, Canton Public Schools.

Cuts Files Easily

The grinder arrived a few days ago. Have tried it for both sickle and tool grinding, and for easy and rapid grinding find it far superior to any other grinder I ever saw. It will cut files as easily as emery will cut soft iron.—W. M. MEET, Judson, Ind.

Read Every Word of This

In regard to the grinder, will say that it is the best machine the farmer can have and does all you claim for it and in the best style. The farmer that will not buy is one standing in his own light. It is not only a handy tool, but does its work speedily and accurately and much better work can be done on it than on any other grinder. I am so well pleased with it that I would not do without it for double the cost, and I will say that by the way you treated me I must believe you to be honest gentlemen to deal with, and I shall gladly recommend you to my neighbors.—J. C. COPELAND, Sydney, Ind.

Worth More for Sickle Grinding Alone

The grinder is worth more than the price you ask for it for sickle grinding alone.—JOHN GROTH, Moline, Ill.

Does Not Heat Tools

I am well pleased with your machine. I am a carpenter and grind my tools with it, and it does the work all right. It is far ahead of any grinder I have ever seen and it does not heat as emery grinders will—H. L. GROENDYKE, Commack, Ind.

Sharpen Farm Tools 30 Days FREE

No Promises! No Red Tape! No Money Needed!

You can try this all metal, shaft drive tool grinder, with its Dimo-Grit (artificial diamond grit) wheels for 30 days absolutely free, and without putting yourself under any obligations. You can put all your tools in bright, shiny, keen condition, and you will be amazed how quick and easy you can do it. You can grind your discs and plow points, sharpen your saws, axes, ensilage cutter and mowing machine knives—every tool on your farm—all at no cost. Use the outfit 30 days—then if you want to part with it, *send it back at my expense.*

Dimo-Grit—"the Wheel for Steel"

25 Times Faster than the Grindstone
10 Times More Efficient than Emery
No Danger of Drawing Temper — No need of cooling with water

Dimo-Grit is the new artificial diamond abrasive, a twin product of carborundum you have heard so much about, but Dimo-Grit is especially adapted to steel, leaving the keenest, smoothest edge. Dimo-Grit cuts hardest steel as easily as emery does copper. The Dimo-Grit wheels of this grinder, turning 4000 *revolutions per minute*, make the hardest job of grinding but a few minutes easy work. Prove it by trying this outfit on your own tools 30 days free. Dimo-Grit crystals are really artificial diamonds, as hard as real diamonds, fused in the marvelously hot electrical furnaces at Niagara Falls in which fire brick and metal melts like beeswax and is vaporized like water in a kettle. Genuine South African diamonds could cut steel no quicker than Dimo-Grit. Carborundum wheels furnished if wanted.



14 MACHINES IN ONE

1	Fine Dimo-Grit wheel.	8	Dimo-Grit polishing wheel
2	Coarse Dimo-Grit wheel.	9	Medium Dimo-Grit wheel.
3	Universal tool rest.	10	Buffing wheel.
4	Chisel and plane bit guide	11	Dimo-Grit oil stone.
5	Dimo-Grit razor hone.	12	Dimo-Grit pocket hone.
6	Dimo-Grit scythe stone.	13	Sickle grinding attachment.
7	Dimo-Grit saw gummer.	14	Disc grinding attachment



Luther Hummer Tool Grinder

Farm Outfit consists of machine and 14 attachments — 16 other attachments from which you can select what you want

No machine ever built is like the "Hummer"—it is all steel and iron—nothing to wear out—steel shaft drive like automobile—ball bearing, dust proof bearing. *Costs no more than cheap chain drive grinders.* Runs as easy by foot as a sewing machine—engine power can be applied. The 14 farm attachments equip you to do all farm grinding. From the other attachments, such as jig-saw, rip saw, lathe, drill, etc., you can select what you want. No other machine so moderate in price saves money so many different ways. You can prove it by 30 days' free trial. *5 years guarantee. Over half a million Luther Tool Grinders now in use.*

Return this Coupon for Free Trial Offer and Free Book

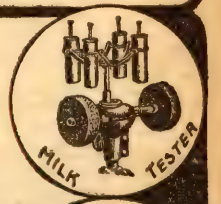
Send the coupon for full particulars about our 30 days' Free Trial Offer—then decide if you would like to have us send this wonderful labor-saving tool for 30 days' free trial, absolutely without the slightest risk or obligation on your part. Please remember that the coupon places you under no obligation whatever—it is just a request for information. Send for our Free Trial Offer today and get a quick answer. With the Free Trial Offer we will send the 40-page free book.

Dimo-Grit Sharpening Stones

Ask your dealer for Dimo-Grit sharpening stones, the fastest and smoothest cutting sharpening stones in the market—look for the name "Dimo-Grit" on the stone.

Luther Grinder Mfg. Co. 179 Stroh Building MILWAUKEE, WIS.

The Many Ways this Grinder Saves Time and Money



With the flexible shaft attachments you can sharpen ensilage and threshing machine knives and mower guards, flutes on corn huskers, etc., without removing them—you can sharpen horse shoe calks, clip horses, shear sheep, etc.

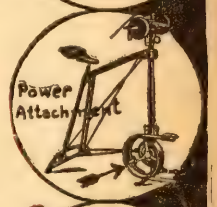
The tool rests and attachments automatically give proper bevel to tools, enabling a 14-year old boy to do difficult grinding, such as grinding discs, gumming saws, sharpening twist drills and all edged tools.



Milk Tester Alone Pays for Grinder Many Times

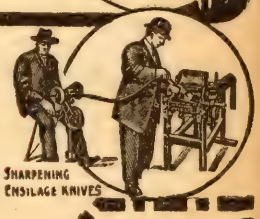
Over one-third of the cows of America do not produce enough butter fat to pay for their keep, as any agricultural college or station will tell you. The Babcock milk tester attachment will show you which cows are making money for you and which are losing money. This attachment alone will more than pay for the entire outfit.

Price, only $2.75





Big Illustrated 40 Page Book FREE



Contains the story of artificial diamond sharpening substances, and of the marvelous electrical furnaces at Niagara Falls, exactly as printed in McClure's Magazine. It fully describes the Luther "Hummer" Grinder and attachments and gives pointers on tool sharpening. You will find it valuable to you in many ways. This book is free. Return the coupon and get it along with our 30 days' Free Trial Offer.

Coupon

Luther Grinder Mfg. Co.
179 Stroh Building
MILWAUKEE, WIS.

Please send without cost or obligation, your 30 days' Free Trial Offer and large free book.

My name is.....

My address is.....



Good Light

makes night work easier. Rayo lanterns give the most light possible for the oil used.

Rayo Lanterns **will not blow or jar out.**

They are easy to clean. Easy to fill and light. Made to stand hard wear.

You can get Rayo Lanterns in various sizes, finishes and styles. Each is the best you can buy of its particular kind.



All Rayo lanterns are equipped with selected Rayo globes, clear, red or green, as desired, and wicks are inserted in the burners, ready to light.

Dealers everywhere; or write for descriptive circular direct to any agency of the

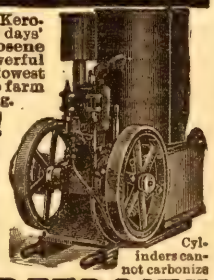
Standard Oil Company
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Use KEROSENE Engine FREE!

Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing.

Gasoline Going Up!

Automobile owners are burning up so much gasoline that the world's supply is running short. Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline. No waste, no evaporation, no explosion from coal oil.



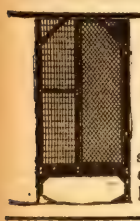
Cylinders cannot carbonize

Amazing "DETROIT"

The "DETROIT" is the only engine that handles coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Basic patent—only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h. p., in stock ready to ship. Complete engine tested just before crating. Comes all ready to run. Pumps, saws, threshes, churns, separates milk, grinds feed, shells corn, runs home electric-lighting plant. **Prices (stripped), $29.50 up.**

Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate amazing, money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, we will allow you Special Extra-Low Introductory price. Write!

Detroit Engine Works, 396 Bellevue Ave., Detroit, Mich.



SPRINGFIELD STEEL CRIB

SAFE against mould, rats, mice, fire, lightning, hurricane & time. Open sides permit two weeks earlier husking. Costs less than wood. 150 sizes & styles. Easily erected. **Free catalogue. Wm. Bayley Co.** 99. **North St. Springfield, Ohio.**

100 Envelopes 50c

Send 50c for 100 fine white envelopes—full size—with your name and address in corner. 100 noteheads, ruled both sides, 50c. Both $1.00, postpaid. Guaranteed best work. Sure to please or money back.

EQUITY PUBLISHING CO.,
Indianapolis, Ind.

4 BUGGY WHEELS FREIGHT PAID STEEL TIRES **$8.75**

With Rubber Tires, $18.45. Your Wheels Rerubbered, $10.30. I make wheels ½ to 4 in. tread. Tops, $6.50, Shafts, $2.10; Repair Wheels, $5.95; Axles $2.25; Wagon Umbrella free. Buy direct. Ask for Catalog **U.**

SPLIT HICKORY WHEEL CO., 516 F St., Cincinnati, Ohio

UP-TO-DATE FARMING

Production and Marketing

THE FARMER AND HIS FENCES

THIS time of year always brings up the question of fences on the farm, and it is emphasized this year. The intense heat and protracted drought of the preceding summer inevitably resulted in a scarcity of feed; but the warm weather and the copious rains of the fall months produced a growth of forage as though designed to make good the crop deficiency.

But to what extent have farmers been able to avail themselves of this abundant pasturage? That depends entirely upon the farm fencing. In our own neighborhood there are farms rich in these autumn forage growths, more than enough to bring all the stock on the farm into excellent condition for the winter, but for lack of fencing little of it could be used, and the farmers had to content themselves with doling out scant premature feed and naturally bringing their stock into winter in bad condition.

To meet emergencies like this year, and in fact to enable the farmer to make the most of his farm every year, each field should be fenced to itself. Farm fencing is not so serious a problem as it once was. The old rail fence of course, is gone, with other things as hard to make and as inconvenient as that was, but now a fence with substantial posts will set and four or five tightly drawn wires, is a substantial affair, and proof against almost all domestic animals.

But the ideal modern fence is the fence made of woven wire. This may be obtained of any desired height, and if well drawn and substantially put up, may be regarded a permanent affair. Woven wire twenty-six inches high, with two barb wires above it makes a good farm fence; as is also thirty-two inches high with one barb wire above it. As we have said, this fencing may be obtained in any desired height, and any sized mesh, and if properly put up is always a good fence, the only future care required being to replace weakened or broken posts.

In building fence of woven wire, provision should always be made for at least one barb wire above it, for stock reaching over it will very likely press it down from the top, an injury not very easy to repair. This fence is not a costly one, considering its efficiency and permanency, and we have known many cases where the extra use of fields allowed by it, paid for it the first season.

LABOR-SAVING INVENTIONS

AMERICA is the premier country of inventions. Yankee pluck and genius coupled with a natural instinct to multiply the productiveness of man and make his work easier has been responsible for the wonderful development in labor-saving machines during the past half century. The world has advanced more in the way of labor-saving machinery during this period than it did for the three thousand years that preceded it.

The farmer has been benefited greatly by the invention of labor-saving machinery. It is not so very long ago that all work which is now done on the farm with machinery was done by hand.

A case in point is the invention of the Luther Hummer Tool Grinder, which is finding its way to the American farm. This remarkable machine has thirty distinct attachments. It is, first of all, a tool grinder which reduces the time formerly required with the old grindstone and sharpens all kinds of farm tools much better and faster. The machine makes 4,000 revolutions per minute and brings the bluntest tools to the best cutting edge in a few minutes, without any danger of drawing temper.

Special attachments allow the accurate and easy sharpening of discs, sickles, mower knives and all tools that are usually difficult to handle. There are also special attachments for sharpening ensilage and threshing machine knives without removing them. This is a convenience which is greatly appreciated by the farmer who has been obliged to remove the blades and take them to town when he could ill afford to waste the time.

This same foot power machine can be used to clip sheep and horses and sharpen calks of a horse's foot. It has an attachment which can be applied to a cream separator and run by pedaling with the foot instead of by the tiresome, back-breaking plan of turning the crank handles.

It has a cream separator attachment whereby you can accurately test the milk of every cow and ascertain if there are any unprofitable cows in the herd. This is of very great importance to every owner of cows, as fully one-third of all cows are milked at a loss. An authority on this subject made the statement that if the poorest third of the cows in the state of Iowa were as good as the best third, it would mean an added value of $15,000,000 annually in this one state alone.

There is a boring attachment which enables the boring of any size hole in wood or iron, a most convenient appliance. This machine also sharpens drills, giving the most perfect edge. It has a jig saw attachment, a sawing outfit, skate sharpening attachment and an attachment for surfacing and polishing iron and sanding wood.

Mr. J. C. Luther, the inventor of this machine, aptly states it when he says that it saves more time, labor and money than any other tool on the farm. And its cost is only a fraction of what most of your money-making and money-saving machines cost.

The grinding wheels on this machine are fitted with a wonderful artificial sharpening substance, Dimo-Grit, which is in reality artificial diamond crystals. The discovery of artificial abrusives was the result of an accident through an attempt to manufacture natural diamonds. From a commercial standpoint it will do the world more good as a sharpening substance than if the manufacture of real diamonds was actually successful. Dimo-Grit is especially adapted to steel.

This wonderful labor-saving machine will soon make the old grindstone a subject of history because no up-to-date farmer will ever run his farm without a machine of this kind as soon as he learns to know what it will do and appreciates the time and labor it will save him.

The Luther Grinder Mfg. Co., 179 Stroh building, Milwaukee, Wis., publish a forty-page illustrated book which contains valuable pointers about sharpening tools and tells all about this machine and what it will do. It also contains McClure's interesting story about the discovery of artificial diamonds, the failure to make real diamonds and how this great discovery was finally put to commercial use.

Any farmer with a few cows can get a Sharples Cream Separator on free trial. It would seem that anyone without a separator would take advantage of this liberal offer. Send for catalog No. 136 to Sharples Separator Co., W. Chester, Pa., and name of nearest dealer.

Don't allow stumps to occupy your best land. A stump puller makes big profits. Write for proof and catalog to Hercules Mfg. Co., 160 17th street, Centerville, Ia. Don't put this off. It is very important to you if you have stumps on your farm or want to engage in business.

Nothing can equal a talking machine in the home for winter and summer entertainment. The whole world of of music, singing and talking records are yours. A very liberal proposition is made readers of Up-to-Date by F. K. Babson, Edison Phonograph Distributor, Dept. 4057, Chicago. Write for his great free offer.

A wonderful free offer is made by the Pure Food Co., 672 Pearl St, Cincinnati, O., to lady readers of Up-to-Date. Any lady writing to them can have free a set of dinner dishes and other valuable articles. Write to them.

Save money on a cream separator by buying from the famous Macy Co., one of the world's largest stores. Write for catalog to the R. H. Macy Co., 702 Macy Bldg, New York city.

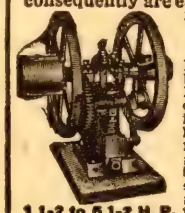
If you want a watch for Christmas write to R. E. Chalmers, 356 Dearborn St., Chicago, for catalog.

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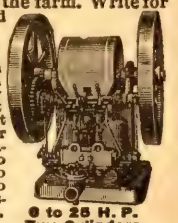
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Note the compactness for ease in handling! Note the pulleys on both sides! **Write for facts** regarding our new Slow Speed, High Duty Engine, the engine that gets up-to-date power from every quart of fuel—one that has the record for lowest upkeep cost—that is the quickest and easiest starter—has least vibration—perfect lubrication, steadiest power, least wear and tear. Mail us your name and address on a post card, today, giving us the size of engine you need and the use you will put it to. We make 1 1-2 to 6 1-2 h. p. single cylinder engines; 6 to 25 h. p. two cylinder; 30 to 40 h. p. four cylinder. Quick action on your part is demanded to get this free offer. Don't buy or order an engine until you investigate the **TEMPLE MAKE.** This is our 60th Year.



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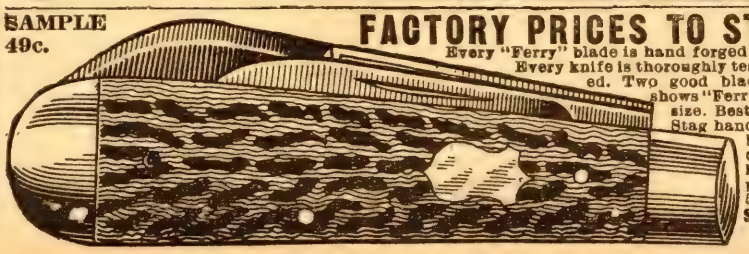
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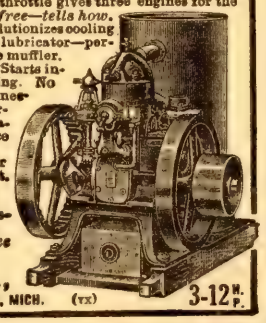


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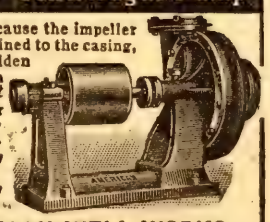
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Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.

CROP YIELDS THIS YEAR

FROM the reports of the crop reporting board of the Department of Agriculture we are enabled to make the following statement of the crop yields and quality of various crops for 1911, with comparisons of the same for last year.

The average yield of corn for the entire United States was 23.9 bushels per acre, a loss of three and one-half bushels per acre, compared with the yield of 1910, and the quality is nearly 4 per cent. below that of last year. This makes a total loss in corn production of 349,412,000 bushels, with a 4 per cent. loss in quality.

The average yield of potatoes was 80.6 bushels per acre, a loss of 13.8 bushels per acre, making a total loss for the country compared with last year of 57,076,000 bushels, and the quality is 2.4 per cent. below that of last year. The potato crop is so entire a failure in many places that this estimate in loss of yield and quality seems low.

The average yield of tobacco is 885.2 pounds per acre, a gain of 87.4 pounds per acre; but in spite of this gain in yield a reduction in the acreage makes the total crop of this year 193,786,000 pounds less than that of 1910.

So far as acreage yield is concerned, Pennsylvania is the banner corn state this year, its yield per acre being 44 1-2 bushels, a gain of 3 1-2 bushels per acre over 1910, and the quality is 2 per cent. better than it was last year. Ohio comes next with a yield of 38.2 bushels per acre, a gain of nearly 2 bushels per acre over the yield of 1910; but the Ohio corn this year lost 1 per cent. in quality. The acreage yield of corn in Indiana was 37 bushels per acre, a loss of 2.3 bushels per acre, compared with the yield of 1910. This makes the total corn crop of Indiana 11,776,000 bushels less than it was in 1910, and the quality is 3 per cent. below what it was last year.

The worst failure of the corn crop this year was in Oklahoma, where the yield was only 7.8 bushels per acre, against 16 bushels per acre in 1910, and the quality this year is 30 per cent. below what it was last year. Texas had next lowest yield, 10.4 bushels per acre, only two-tenths above half of the previous year's yield, and the quality is 16 per cent. below that of 1910. Kansas, whose ten-year average is 22.4 bushels per acre, but which had a yield of only 19 bushels per acre in 1910, this year had only 15.2 bushels per acre, with a loss in quality of 10 per cent.

The states that made gains in acreage yield of corn were: Ohio, 1.7 bushels per acre; Michigan, 1 bushel per acre; Pennsylvania, 3 1-2 bushels per acre; Minnesota, 1 bushel per acre; Wisconsin, 4.3 bushels per acre.

The Department estimates that on November 1, 1911, 4.2 per cent. or 132,063,000 bushels of the crop of 1910 was still on the farms. If correctly reported, this, though a small quantity compared with the entire crop of that year, will help out the deficiency in the crop of 1911, and it ought to command such a price as will prove to farmers that it pays to hold crops, or at least to market prudently.

Wisconsin is the only state that reports a larger potato crop in 1911 than in 1910. Colorado dropped from 100 bushels per acre in 1910, to 35 bushels per acre in 1911.

A Thing to Be Proud Of

"Does your auto run faster than Mr. Blank's?"

No, but my horn makes a much scarier noise than his does."

Green's Fruit Grower is the oldest and best fruit paper in America. If interested in fruit—and you should be if you have only a few trees—send for a sample copy to Green's Fruit Grower Co., Box E., Rochester, N. Y.

If it is true that steel shoes are better than the older leather ones farmers should know it. N. M. Ruthstein, 227 Sevents St., Racine, Wis., who makes steel shoes, says they are better and he is anxious to prove it. Better send for the proof.

Many readers of Up-to-Date will purchase oil tractors in the near future. Before doing so send for the catalog No. TY, 971, of Fairbanks, Morse & Co., Chicago.



Keep Your Soil at Top Notch Producing Power

THE utmost care and attention given to plowing, harrowing, seeding, cultivating, and harvesting cannot make up for lack of fertilizer, which is necessary to keep the soil at the top-notch of its producing power. In fact, fertilizing is of first importance.

Of all fertilizers, manure is best, because it replaces just the elements the crops have extracted, and is most economical.

But to get its full value, manure must be spread evenly, in proper quantities. Only a good manure spreader will spread it this way. Get an I H C if you want to be sure of the greatest value for your money.

I H C Manure Spreaders
Corn King, Cloverleaf, Kemp 20th Century

are simple, strong, and perfect in design and construction. They are light in draft and durable. Here are some of the features and advantages that make I H C spreaders the best investment for you.

The method of transmitting power from the wheels to the beater is simple and direct. There are no unnecessary parts to wear. The beater is large in diameter, and the teeth are long, square, and chisel-pointed, so that the manure is thoroughly pulverized and thrown out before it wedges against the bars, thus reducing the draft.

The apron is supported by steel rollers, and the slats are placed close together, so that manure does not sift down and interfere with the movement of the rollers. The steel wheels have ample strength to carry many times the weight they will ever be called upon to bear. The rims are flanged inwardly to prevent cutting and rutting of meadows and accumulation of trash. There is no reach to prevent short turning.

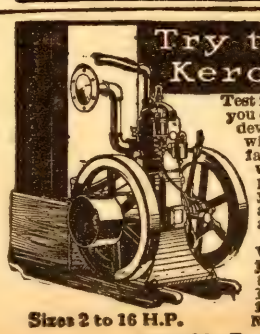
I H C Manure Spreaders are made in several styles and sizes for field, orchard, and truck farm use. See the I H C local dealer for catalogues and complete information, or, write direct.

INTERNATIONAL HARVESTER COMPANY OF AMERICA
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I H C Service Bureau
The Bureau is a clearing house for agricultural data. It aims to learn the best ways of doing things on the farm, and then distribute the information. Your individual experience may help others. Send your problems to the I H C Service Bureau.



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Test it out on your own place for fifteen days. Give it the hardest engine test you can think of. Compare it with any other engine. If the Columbia doesn't develop more power at less cost, send it back quick. No conditions. We are willing to let you be the judge and jury. Kerosene (common lamp oil) is by far the cheapest fuel today. The price of gasoline is climbing all the time, while kerosene remains the same, and in the right engine, it lasts longer and produces more power per gallon than gasoline. You get ALL the power when you use a Columbia, because it is the right engine. It is the one really simple and perfect kerosene engine. It never bucks when you need it most. It is always on the job.
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Land prices range from $15 to $50 per acre. The first year's crop often more than returns the purchase price.

All grasses, grains, fruits and vegetables known to the temperate zone thrive in the Southeast. Alfalfa grows nearly everywhere—4 to 6 tons per acre not uncommon—$15 to $22 per ton paid locally. Apple orchards net $100 to $500 an acre. Truck gardening yields $200 to $400 per acre—everything else in proportion.

The Southeast is the farmer's paradise.

We have booklets giving full information of conditions in each Southeastern State. Address

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The FARMER'S SON'S GREAT OPPORTUNITY



Why wait for the old farm to become your inheritance? Begin now to prepare for your future prosperity and independence. A great opportunity awaits you in Manitoba, Saskatchewan or Alberta, where you can secure a Free Homestead or buy land at reasonable prices.

NOW'S THE TIME

—not a year from now, when land will be higher. The profits secured from the **abundant crops of Wheat, Oats and Barley**, as well as cattle raising are causing a steady advance in price. Government returns show that the **number of settlers in Western Canada from the U. S. during the last year was upwards of 125,000 and imigration is constantly increasing.**

Many farmers have paid for their land out of proceeds of one crop.

Free Homesteads of 160 acres and pre-emption of 160 acres at $3.00 an acre. Splendid climate, good schools, excellent railway facilities, low freight rates; wood, water and lumber easily obtained.

For pamphlet "Last Best West," particulars as to locations & settlers' rate apply Supt. Immig., Ottawa, Can., or Can. Gov. Agt.

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Another allottment of very choice valley fruit land, is now ready for distribution. Write immediately to the Jantha Plantation Co., Block 1519, Pittsburg, Pa., for application blanks. The only requirement is that five acres be planted in fruit trees within five years. Authorized improvement companies will plant the trees at reasonable prices, and market the fruit for the owners on shares.



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Raising Fruits and Vegetables in 6 Sou. States, traversed by S. A. L. Ry. Land cheap. Water plentiful. Healthy climate. Net $500 to $1000 per acre—2 to 3 crops a year, in Manatee County, on West Coast of Florida. Raise Oranges, Grape Fruit, Vegetables. Illustrated booklet free.

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FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley, the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. No lands for sale; organized to give reliable information. Sacramento Valley Development Assn., SACRAMENTO, **California**

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BUNDLES

of this number, 25 copies for 25 cents by mail. If it was valuable to you it will be to your friends. Send silver or stamps.

Hints on Buying a Motor Car

By K. P. Drysdale

THE average man who decides to purchase a motor car, particularly if it be his first experience, has a somewhat perplexing problem to solve. A hundred or more different makes and types are offered for his consideration and every salesman has "just the car he ought to buy."

To the average first purchaser, any automobile is an automobile. He sees all makes and kinds and sizes. So far as he can see, they are run all right. His first desire is simply to own an automobile—something to ride in.

But after he has had his car a while he begins to be more critical. He begins to notice the existence and absence of things he had not thought of before.

He may find it a hard job to crank and start his car while some other car can be started with ease or perhaps it may have an automatic starter.

He may find that it requires about all his strength to "push out" the clutch or to "put on the brakes," while on some other car, only a slight pressure of the foot is all that is necessary.

He may find that his car starts with a jerk and a lunge, while some other car moves off with a smoothness of an ocean liner.

He may find that his car is hard to steer, hard to keep in the road, while some other car seems almost to steer itself.

He may find that the changing of gears is accompanied by a crash and a grind, while in some other car the change is hardly perceptible.

He may find that his car rides hard and stiff, that the springs seem unyielding, and that his car is less comfortable to ride in over asphalt streets than is some other car over an unimproved road.

He may find that his car runs smoothly and quietly when new, but soon becomes noisy and shakes and rattles because it has no means for adjustments to take up wear, while some other car, after months and years of use, runs just as smoothly and quietly as when new.

He may find that his car runs all right on level street and roads, but when it comes to sand and hills it has not the power to make the pulls.

He may find that he can get only eight to ten miles on a gallon of gasoline, while with some other car the mileage runs from sixty to eighty per cent. greater.

He may find that to keep his car in running order he must be continually tinkering with one part or another, while the user of some other car seldom has occasion to open the tool kit.

He may find that his engine heats and the water boils while the engine in some other car never overheats.

He may find after a few month's running that the engine bearings have worn, that no provision at all has been made for adjusting them. Or he may find that even though adjustments are provided, the engine has practically to be taken down to get at them, while with some other car these bearings are readily accessible and that it is the work of but a few minutes to adjust them.

He may find that his emits volumes of smoke which becomes extremely obnoxious to other motorists and to pedestrians; that his engine and especially spark plugs must be cleaned every few weeks, while some other car with the right kind of lubricating system, emits no smoke at all and runs for months and frequently a year or two without even having the spark plug removed.

He may find that the engine in his car requires an excessive amount of oil, perhaps a gallon to only one to three hundred miles, while some other car will run from 700 to 1,000 miles on a single gallon.

He may find that when his car needs attention from time to time, that the dealer from whom he purchased it is not familiar with its construction, or has not the facilities, equipment and organization to afford the needed aid, while dealers in other cars are always "on the job" to render any service required.

He may find that when he wants to replace some parts that the new ones will not fit without alterations, while in some other car the parts are perfectly standardized and interchangeable. With a car produced by a substantial automobile manufacturer the probability of such difficulties and annoyances is obviated.

He may find that after a year or so his car has become so unsatisfactory generally that he is glad to get rid of it and when he does he finds that he can get only a small portion of its original cost, while in some other cars the depreciation is comparatively small.

These differences in motor cars are largely matters of design and manufacture. Ability in both lines is at a premium in the motor car business. While no one maker has a monopoly on all the brains in the industry, it is a fact that the demands have been greater than the supply of men who "know how." The result is that many motor cars today are in reality but little advanced over the embryonic ideas of a dozen years ago.

On the other hand there is the maker who founded his business and his product on certain principles which were successful, and his present product is simply an evolution and perfection of those basic principles.

Before investing his money, the purchaser should avail himself of every opportunity to investigate thoroughly such cars as he may have under consideration. He should make close inquiry among present users of such cars, inquiring specifically concerning those features which may make the car satisfactory or unsatisfactory according to his individual preference and requirements.

Don't have an old leaky roof. Either house or barn can be quickly repaired with Rubber Roofing. Cheap, durable, can be laid by anyone. Get your money's worth from the Century Mfg. Co., Dept 697, E. St. Louis, Ill.

Great bargains in all kinds of merchandise, groceries, clothing, etc., are offered by the Chicago House Wrecking Co., Chicago Ill. Send for complete catalog No. 204, and learn to save money on all your supplies.

This is the time when that old buggy shows up bad. Get a new one and make yourself feel good. "She" will like it, that's sure. Write Wilbur H. Murray Mfg. Co., 360 E. 5th St., Cincinnati, O., for big free catalog and low prices.

If you have no piano and long to have one in your home write the F. J. Haggarty Co., Dept E, Warren Pa., for their popular selling plan.

CANADIAN FARMS

Do you want a farm in Western Canada where the crops this year are in advance of anything grown on this continent? For wheat-growing, dairying, mixed farming and cattle-raising, the Province of Alberta is unsurpassed.

Lands are now offered by the CANADIAN PACIFIC RAILWAY COMPANY at prices ranging from

$10 to $30 an Acre on Long Terms of Payment or on the Crop Payment Plan

—that is, paying for your farm with a portion of your crops each year.

Land values have increased 30% in two years. Great opportunities for the Homeseeker. Call or write for full particulars, booklets, maps, etc.

E. L. THORNTON, General Agent
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I WILL MAKE YOU PROSPEROUS

If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail; appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once.

Unusual opportunity for men without capital to become independent for life. Valuable Book and full particulars FREE. Write today.

NATIONAL CO-OPERATIVE REALTY CO.
M 139 Marden Building
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E. R. MARDEN
President

Sandow $37.50
2½ H.P. Stationary Engine—Complete

Gives ample power for all farm uses. Only three moving parts—no cams, no gears, no valves—can't get out of order. Perfect governor—ideal cooling system. Uses kerosene (coal oil), gasoline, alcohol, distillate or gas. Sold on 15 days' trial. YOUR MONEY BACK IF YOU ARE NOT SATISFIED.

5-year ironclad guarantee. Sizes 2½ to 20 H. P., at proportionate prices, in stock, ready to ship. Postal brings full particulars free. Write for proposition on first engine in your locality. (116)



Detroit Motor Car Supply Co., 62 Canton Av. Detroit, Mich.

ABSORBINE STOPS LAMENESS



from a Bone Spavin, Ring Bone, Splint, Curb, Side Bone or similar trouble and gets horse going sound. **Does not blister or remove the hair** and horse can be worked. Page 17 in pamphlet with each bottle tells how. $2.00 a bottle delivered. **Horse Book 9 E free.**

ABSORBINE, JR., liniment for mankind. Removes Painful Swellings, Enlarged Glands, Goitre, Wens, Bruises, Varicose Veins, Varicosities, Old Sores. Allays Pain. Will tell you more if you write. $1 and $2 a bottle at dealers or delivered. Manufactured only by

W. F. YOUNG, P. D. F., 102 Temple St., Springfield, Mass.

CATARRH ASTHMA



FREE TRIAL PACKAGE

Don't have an operation or continue to suffer with agonizing gasping for breath, coughing, spitting, dripping in the throat, discharge from the nose, head noises, scabs in the nose, fainting, etc. My Home Treatment will cure you by a new principle. Send your name and address and I will mail you a Free Trial Package and book in plain wrapper.

T. GORHAM, 1591 Gorham Bldg., Battle Creek, Mich.

HEART DISEASE. $2.50 Trial FREE

Dr. Miles, the great specialist, will give a 2 pound Special Treatment to those having Enlarged, Valvular, Rheumatic, Dropsy, Weak, Fatty or Nervous Hearts; Short Breath, Palpitation, Smothering, Irregular Pulse, Pain, Swollen Ankles, etc. Wonderful success. Many, so-called "incurable," cured after 3 to 15 doctors failed. 30 years experience. 76 assistants. Write now for Free Trial, Book and Remarkable Cures from your state. Address, DR. FRANKLIN MILES, Dept. M, Elkhart, Indiana. 108 to 118 Main Street.

When writing to Advertisers don't fail to Mention Up-to-Date Farming

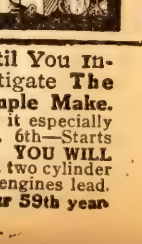
FERTILE VIRGINIA FARMS

$15.00 PER ACRE & UP—EASY PAYMENTS

Productive soil, mild climate, fine water, good roads, close markets, unsurpassed school and social advantages. *Now, while you think of it*, write for the latest issue of "THE SOUTHERN HOMESEEKER," other literature and low excursion rates.

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YEARLY RAINFALL 45 INCHES

DON'T BUY A GASOLINE ENGINE Until You Investigate **The Temple Make.**

Its Great Advantages are: 1st—Lowest Fuel Cost; pays for itself in Fuel Saving. 2nd—Delivers Steadiest Power Stream, adapting it especially for operating farm machinery. 3rd—Easy on the machine it operates. 4th—Uses Gasoline, Kerosene or Gas. 5th—Perfect Lubrication. 6th—Starts Easily and Quickly, occupying minimum space. 7th—It is the King of Portable Engines. No engine has so wide a range of use. **YOU WILL MAKE A MISTAKE IF YOU DO NOT WRITE FOR INFORMATION.** We make 1½ to 5½ H. P. single cylinder engines; 6 to 20 H. P. two cylinder engines; 30 to 50 H. P. four cylinder engines. All Heavy duty, slow speed engines. For surety of operation and low fuel cost our engines lead.

TEMPLE PUMP COMPANY, Manufacturers.
414 West 15th St., Chicago, U. S. A.
This is our 59th year

Awful Penalties Farmers Pay

(Continued from Page 1)

Think of a Dollar

Think how hard a farmer works to produce the crops that sell for a dollar.

Think of what a dollar will buy of necessities or of pleasures.

Then multiply one dollar by a hundred; by a thousand, and think how long and hard you must work to get them and what you can buy with them.

But think too, that each farmer is letting a hundred dollars, or a thousand dollars, or more slip through his fingers every year, simply because he has neglected to attend to the BUSINESS part of farming—because he has not availed himself of the business system which is his to use if he will only reach out and grasp it.

Think how easy it will be to make a dollar this way, compared to working for the other dollar, one hundred dollars, one thousand dollars.

The easiest dollars a farmer can make are those he saves in expense of marketing and in higher prices received.

MORAL: Organize and market through the Equity System.

of corn on an acre in South Carolina. That is interesting and worth while as an experiment, but if all farmers would do as well it would bankrupt agriculture. It isn't sucessful agriculture measured by the rule that governs all other business.

Money! Money must be the measure of agricultural success, as it is in every other calling. Not entirely how large the crops we can raise, but how much money they will bring us. This is the spirit that has made every business successful that is a real success.

Here is one crop that a lump sum of $195,950,000 is being lost on. We refer to the cotton crop of 1911. Is it good business? Is it successful farming to sell a cotton crop of 2,550,000 bales larger than the crop the year before, for $195,950,000 less? If a crop of 11,950,000 bales, the 1910 crop, brought the farmers $848,450,000, and more prosperity than the south ever knew before, what's the use of going the world hrdlm mfcuxz use of giving the world an equal crop for $6,250,000 and throwing in a bonus of two and a half million bales? That is not good business.

Or, what's the use of giving away two and a half million bales of cotton and paying a bonus of $195,950,000 to take it off of your hands?

Think about this. The cotton is yours. The consumers will pay you $848,450,000 for twelve million bales of it. There is no question about this. But they will pay you $195,950,000 less if you force them to take two and a half million bales more.

Now that is not good business. It's rotton business. It's ruinous business. Idiots might be guilty of such business, but some farmers ———?

The net of it is this:

Market no more cotton until the price reaches **13 CENTS.** Then market four bales and roll one bale aside and **put a price of 14 cents on it.** Don't let it go to market until 14 cents will be paid. That will mean that all the 13-cent cotton has been taken and more is wanted. If not taken this year hold it until next, when, in all probability, there will be a short crop.

Will this plan work. As sure as the sun rises and sets it will. Cut this article out and send it to your newspaper to print. Tell all your neighbors. Quit giving away one-fifth of your crop absolutely and as absolutely losing $16 besides on every bale that the legitimate demand wants.

And organize in the Farmers Society of Equity. Do it without delay. Let every person who receives this paper consider this appeal is to him and that it is his bounden duty to see that his community is organized so you will always me prepared to protect yourselves in the future.

Become a **BUSINESS FARMER.** The only way is to adopt practical business plans and use a successful busines ssystem and work on sound business principles. The Farmers Society of Equity supplies all of these

(Continued on Page 15.)

50 CENTS A YEAR

THE AMERICAN MESSENGER

An Illustrated Family Religious Monthly

For the past sixty-nine years this paper has been the favorite religious paper of hundreds of thousands of American Christian families. It brings each month a message of inspiration, comfort and good cheer. It is interdenominational, devoted to the upbuilding of a sturdy Christian character and the promotion of good citizenship.

The AMERICAN MESSENGER claims a foremost place among religious publications because of the superior literary merit of its contents and the strong, helpful tone of all articles. This paper stands for the highest Christian principles, and its supreme purpose is to encourage right living and high thinking wherever it goes. Original contributed articles, bright stories, beautiful poems, choice illustrations and regular departments of great value to all classes of readers are found in each issue.



THE GOOD SHEPHERD

Among the many popular and successful writers whom me number among our contributors are: Rev. J. Wilbur Chapman D.D., Rev. David James Burrell, D.D., Rev. Edgar Whitaker Work, D.D., Rev. Judson Swift, D.D., Margaret E. Sangster, John T. Faris, L. M. Montgomery, Chara B. Conant, Katherine Elise Chapman, Miss Z. I. Davis, Hope Daring, Frank Walcott Hutt, Rev. Robert Stuart MacArthur, D.D., Rev. G. Ernest Merriman, Rev. George Shipman Payson, D.D., Hilda Richmond, Rev. Charles A. S. Dwight, Ph. D., Dr. Francis E. Marsten, the Author of "Preston Papers," Edgar L. Vincent, Howe Benning, Helen A. Hawley, Irma B. Matthews, Frank B. McAllister, Dr. Warren G. Partridge, and many others.

Subscription price, 50 cents a year. Canadian subscriptions, 62 cents a year. Postage on foreign subscriptions, 24 cents additional.

As a special inducement, we will send free to each new subscriber a copy of our beautiful picture in colors, "The Good Shepherd," size 14 1-2 x 20 inches, if you subscribe now for 1912 and mention Up-to-Date Farming, we will send the issue of December, 1911, gratis.

The AMERICAN MESSENGER
150 Nassau St., New York.



"EVERYBODY"

Can Afford a Gasoline Engine With Galloway's New Low Prices

You've never before heard of such startling values—I've never offered anything like them and you know full well that no one else has ever come anywhere near my regular prices. But this time I've a startling reason. *I want 10 men or more in every township in the country to own and operate a Galloway Engine*—I've decided to double my factory capacity by increasing the sales twice and sell two where I formerly sold one—this calls for unusual values—hence, the greatest offer I have ever made. I can save you from $25 to $300 on an engine according to the H. P. needed. It doesn't matter what sized engine you want I've got the one to fit your wants and do more work and better work at less actual cost than any other engine in the world. Write at once for full information of the Greatest Offer Ever Made To American Farmers—don't delay but send me your name and address now, before you do another thing. Let me prove to you in cold facts why I can put $25 to $300 in your pocket.

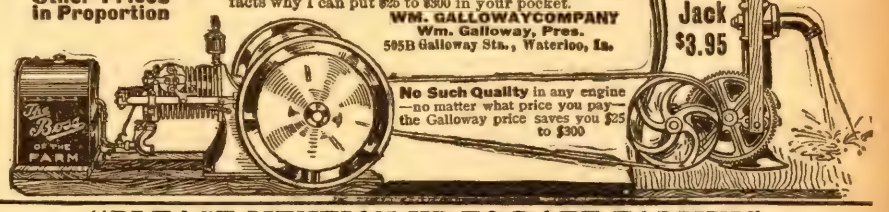
1½ HP $27.50

Other Prices in Proportion

WM. GALLOWAY COMPANY
Wm. Galloway, Pres.
505B Galloway Sta., Waterloo, Ia.

30 Days FREE Trial

Pump Jack $3.95



No Such Quality in any engine—no matter what price you pay—the Galloway price saves you $25 to $300

"PLEASE MENTION UP-TO-DATE FARMING WHEN WRITING ADVERTISERS"

Free to Boys

Send No Money--Just Your Name and Address--A Postal Card Will Do

It Shoots 350 Times at One Loading With Remarkable Force and Accuracy—Not a Toy, But a Real Gun Built for Business

Boys, did you know that air, when compressed in a gun under great pressure, had as much power to kill as any of the guns that use powder and ball! Well, that is the principle upon which this gun is made. Most of the air rifles are really no more than spring guns, which soon get out or order and have no power to kill anything. This air rifle is a real man's weapon, built for business; has powerful force, handsome in appearance and overcomes past imperfections and objections to air rifles. Note the lever action. You don't have to break the barrel to reload; all you have to do is to work the lever as you would in some repeating rifles. Also note its perfect lines, easy action, magazine loaded in an automatic shot retainer that is positive in its action and used only on this gun; walnut stock, dull finish, nickel plated, stays bright; accurate, durable, attractive and can not get out of order. Shoots 350 times without reloading.

This gun is going to revolutionize the air rifles of today. It is made for the boy who likes to hunt in the woods. It is also a very fine rifle for target practice and with it the boy gets healthful, out-of-door pleasure and lots of it for little money, as shots cost about 10 cents per 1,000. Every boy should learn to handle a rifle. It makes boys grow to be manly, self-reliant men. It shoots with remarkable accuracy. It will last for years and every wide-awake boy would be happy to get this rifle. No wonder every boy should want one. We are glad to help every boy to get one without having to pay one cent for it. Each rifle is sighted and tested before leaving the factory and it is the most gun-like and fascinating air rifle ever put on the market. Does not cut the shot and can not become clogged. These rifles are made for us in one of the largest factories of its kind in the world and are absolutely guarnteed.

How You Can Get This AIR RIFLE FREE

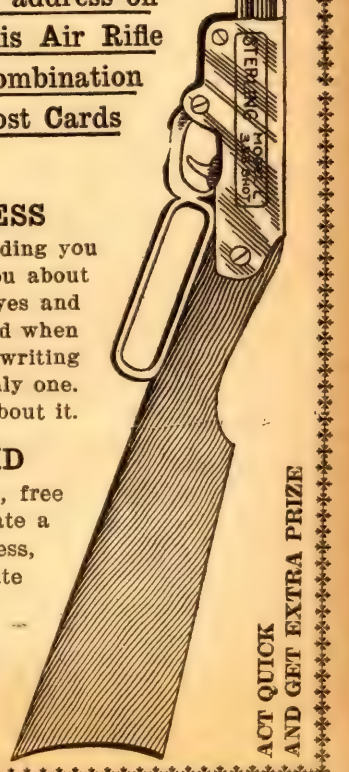
Send no money. Just your name and address on a Postal Card, and say you want this Air Rifle and we will send you our great Combination Offer and 10 packages of beautiful Post Cards for 10 of your friends.

EXTRA PRIZE FOR PROMPTNESS

If you are prompt I will reward you by sending you another grand prize. This prize I will tell you about later, but I know it is going to open your eyes and you will be the most surprised boy in the world when you learn what it is. So if you are prompt in writing me you can have two fine prizes instead of only one. So you had better write today and learn all about it.

EVERYTHING SENT PREPAID

We deliver the gun and cards at your door, free of all expense to you. You should not hesitate a moment in sending us your name and address, as you want to get the Extra Prize, sure. Write today.



ACT QUICK AND GET EXTRA PRIZE

UP-TO-DATE FARMING
Department 102
INDIANAPOLIS, INDIANA

SHARPLES Tubular Cream Separators Replacing Others. Why? Read Users' Reasons.

Bluffton, Indiana, October 14, 1911. I purchased a Tubular. Many of other makes, in this county, are being replaced by Tubulars. People know a good thing when they see it. Harry Ulmer.



Clearwater, Minn., Oct. 14, 1911. Had been using a No. 2 disk machine but find a No. 4 Tubular turns no harder though skimming twice as fast. Get more cream, of equal test, from same weight of milk with the Tubular. I. G. Humphries.

These two letters were written to us the same day, which shows how many like them we receive. No disks in Dairy Tubulars. Double skimming force. Write for catalog 136.



THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore. Toronto, Can. Winnipeg, Can.

Don't Have a Blind One "VISIO"



An Absolute Cure for Moon Blindness

(Opthalmia), Cataract and Conjunctivitis

Shying horses all suffer from diseased eyes.

"Visio" will convince any horse owner that it will absolutely cure defects of the eye, irrespective of the length of time the animal has been afflicted. No matter how many doctors have tried and failed, use "VISIO" under our GUARANTEE to refund money if it does not cure.

$2.00 per bottle, postpaid on receipt of price.
VISIO Remedy Ass'n, 2488 Calumet Ave., Chicago, Ill.



Seldom See a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

ABSORBINE

Before After will clean them off without laying the horse up. No blister, no hair gone. $2.00 per bottle delivered. Describe your case for special instructions and Book 8 E free.

ABSORBINE, JR., liniment for mankind. Removes Painful Swellings, Enlarged Glands, Goitre, Wens, Bruises, Varicose Veins, Varicosities, Old Sores. Allays Pain. Price $1 and $2 a bottle at druggists or delivered. Manufactured only by W.F. YOUNG, P.D.F., 102 Temple St., Springfield, Mass.

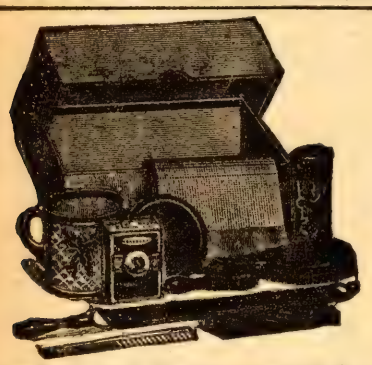
$15.95 and Upward AMERICAN SEPARATOR

FREE TRIAL. FULLY GUARANTEED. Easy running. Easily cleaned. Whether dairy is large or small, obtain our handsome free catalog. Address BOX 1149
AMERICAN SEPARATOR CO. BAINBRIDGE, N. Y.

VETERINARY COURSE AT HOME.

$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. Ontario Veterinary Correspondence School, London, Can.

CALVES. Raise Them Without Milk
Booklet Free.
J. W. BARWELL, Waukegan, Ill



Shaving and Toilet Outfit Free

This outfit as illustrated is needed by every man. It is a big bargain. If pieces were bought separately it would cost several dollars. Outfit consists of 10 pieces: 1 hollow ground razor, 1 lather brush, 1 razor strop, 1 nickel easel back mirror, 1 33-inch barber towel, 1 bar shaving soap, 1 box talcum powder, china mug, 1 aluminum comb, 1 bristle hair brush.

Anyone can get this fine outfit by doing us a little favor; costs no money. Send your name and address and we will tell you how easy it is to get.

UP-TO-DATE FARMING
Indianapolis, Indiana.



Winter's Comin'

It's fun a-gettin' ready fur the winter comin' fast
An' be all tucked up cozy when he blows his awful blast;
To know the stock is com'fy an' the buildin's warm an' tight
Jest makes a farmer's dreamin' more peaceful like at night.
Then with the autumn duties all performed an' out the way,
The sullar full uv fodder an' the barn's chock full uv hay,
We turn thence to the woodland where the trees are big an' high,
A-waitin' fur the chopper an' the haulin' by an' by!
"So git your ax out, Henry,
An' Bill your cross-cut saw;
An' John fetch on the cattle,
The best ones fur the draw,
An' mother, fill the buckets
With luncheon to the top;
Fur appetites are plenty
When the men go out to chop!"

TUBERCULOSIS IN STOCK

A BULLETIN recently issued by the Department of Agriculture (473) says human beings and cattle are the chief victims of tuberculosis, but there is no kind of animal that will not take it. Hogs and chickens are quite often affected, and horses, sheep and goats are sometimes affected, but not often.

The disease is contagious, the bulletin says, and spreads from cow to cow in a herd until most of them are affected. It is slow in developing and may not be noticeable for months, or even years; but the tuberculosis test, which can not harm a healthy cow, reveals the presence of the germ in a few hours.

Contrary to prevalent opinion, the disease is common among hogs, so the bulletin says. The public inspectors of these animals report that a serious percentage of hogs is found to be tuberculous, and the losses among cattle and hogs are enormous, amounting to millions of dollars annually.

The danger of human beings taking this disease from animals is not so very great, though it is possible. The greatest danger is from milk, because that is so largely taken by humans in the raw state. Boiling or cooking destroys the germs, and that is why there is so little danger from meat.

Preventive measures are always to be commended. Dark, dirty, crowded stables are favorable to tuberculosis. Under such conditions the disease spreads rapidly and is kept out with difficulty. But direct sunlight is a great destroyer of germ life. Tubercle bacilli soon die if exposed to sunlight, which is a disinfectant always ready to work free if admitted. Therefore, stables and stalls, both for cattle and hogs, should be so constructed as to have as much direct sunlight as possible; and they should certainly have plenty of light, air and drainage. And they should be kept scrupulously clean.

Prize Cattle Clipped at Show

Not less than a dozen clipping machines might be seen being operated at the same time by the care takers of the cattle exhibited at the National Dairy Show in Chicago. The cattle seemed to enjoy the sensation of being clipped and the clipped animals presented a much better appearance than those not so fortunate as to be clipped. The men in charge of the cattle were unanimous in saying that the clipped ones were easy to keep clean and were much benefited by the operation.

Save money when you buy an engine or manure spreader from Wm. Galloway Co., 505 Galloway Sta., Waterloo, Iowa. Send for liberal selling plan and free book.

Winter and Summer

"I have to work in winter to keep the coal man satisfied."

"But in the summer?'

"I must work in summer to keep the ice man coming."

A Bad Spell

Agent—Since you already have a typewriter, perhaps you would like to try mine for a spell, anyway.

Businessman—Not if it spells like mine I wouldn't.

THE CAPITALIST CLASS

PEOPLE speak of the combined corporations and financial institutions as representing the capitalist class, and they are justified in doing so, for these organizations control not only the money, but the business of the country. But elsewhere we speak of the farmer as a capitalist, and justified ourself by referring to the vast millions of money in the value of farm lands. We wish to give still further proof that farmers, as a class, are capitalists.

The takers of the late census found that the horses and mules of the country, mainly owned by the farmers, represented an investment, or was of the value of $2,598,699,908; cattle, $1,484,889,647; swine, $598,002,878; sheep and lambs, $230,532,817; poultry, $153,394,142; asses and burros, $13,002,867; bees, $10,371,711; goats and kids, $5,964,812. Here we have a total capital in these property items of $4,894,948,782! Not a corporation or trust, nor a combination of corporations or trusts, can approach this capitalization, and not a cent of the above is "watered," or self-estimated or speculative values; they are the values put upon the stuff by the census enumerators and so reported to the government.

Our principal interest in showing these things is to convince farmers that they are not serfs, peasants or underlings. Add the land values to the above, and it is apparent that the farmers own the far greater portion of the wealth of the country.

Why, then, do they not exercise a greater control over the country's business, or, at least, in the control of their own business? It is because they will not or do not. They do the work and by force of habit allow the manipulators to do the planning. It is no wonder they frequently find themselves sliding out at the little end of the horn. They must continue to do the work, but they must add to the work of production a sensible and practical system of marketing. In the face of the above figures, no one can say they are not able to do it.

LADIES SOCIETY OF EQUITY

President, Mrs. James Howey, East Jordan, Mich.
Secretary, Mrs. Mae Austin, Vicksburg, Mich.
Organizer for Michigan, Mrs. M. Culbertson, Three Rivers, Mich.

The State Convention

The Michigan State Union of the Ladies Society of Equity is pleased to announce that the Union has been admitted to membership in the Michigan State Federation of Woman's Clubs, at the annual convention of the State Federation held at Detroit in October. The Michigan members of the L. S. of E. are gratified over this membership given to the farm woman with words of praise for their efforts. Many of us have read of the large and interesting State Conventions of Woman's Clubs held in many states this fall, and of the good work the Federation of Clubs is doing for Woman.

Michigan farm women, we wish to again call your attention to the Ladies' Society of Equity. This society is for the farm women, and under the great Equity principles the call comes to you farm sister to come over and help us. Join with us, and by so doing you will also be a member of the State Federation of Woman Clubs.

All communications will be cheerfully answered by the State President, Mrs. Cora E. Senif, Centerville, Mich., or by State Secretary, Mrs. Maud Daniels, Mendon, Mich., and will also rejoice to meet their farm sisters at the coming State Convention, December 5th and 6th, at Centerville, Mich.

NOTE—This department is out of its usual position because of the late arrival of this communication.

U.S. The **United States Cream Separator for 1912** U.S.

Embodies Four Separator Requisites to a Degree

Unequaled by any other Cream Separator

Close Skimming: The U. S. holds the World's skimming record — an ironclad fact.

Easy Running: The U. S. is now the easiest running Separator on the market.

Easy Washing: Our new patented skimming device is washed and made perfectly sanitary in less time than any other manufactured.

Durability: The same sterling workmanship which has made the U. S. famous for long life with fewest repairs.



The United States Cream Separator for 1912 is sold at the lowest price at which an *efficient Separator* can be sold — and this is the only basis of true economy.

Send for Catalog — or get quickest action by asking us for name of local agent nearest you, who will demonstrate right on your own dairy floor. Do it today!

Vermont Farm Machine Co.
Bellows Falls, Vermont

U.S.

THE SHEEP AND ITS DISEASES

ONE of the first things to be studied by the farmer who would become a sheep raiser, and for one who may have raised sheep all his life if he has not already done so, is the diseases peculiar to sheep. The sheep is different from any other domestic animal, and it is affected by different diseases contracted in different ways. We do not mean by this that it is more subject to disease than other animals, or that it requires greater care. In fact, as a usual thing the reverse it the cause. What we mean is that the sheep itself needs to be studied and given such treatment and feed and shelter and pasture as is suitable to its peculiar needs. What would be ideal for the horse, or cow, or hog, might not at all suit the sheep, and medicines or remedies that would cure diseases of the former animals might not be at all beneficial in diseases of sheep.

It takes time to learn the most successful management of sheep, and many who think they know do not, so one can not always safely learn from others. There are a few general things, however, that it is safe to do even without experience: Furnish good pastures, free from muddy sloughs or swampy places, with forage growths neither too high nor too low, having shade accomodations in hot weather, and water that may be obtained without wading in the mud. Stale or stagnant water is liable to contain harmful germs. Change pastures occasionally, and do not keep too many sheep to the acre. Mate in time for the lambs to come at the most desirable season, and be sure that the ewes are thriving, gaining flesh, at the time of mating. Shelter in bad weather, and see to it that the ewes are comfortable, free from annoyance by the other sheep or stock, or from any excitement whatever, at lambing time. Keep sufficient watch upon the flock to know that every lamb is recognized by its mother, and that it sucks in due time. These crises passed, there is little further danger. See that the suckling ewes have plenty of nourishing milk producing feed.

FALL OR SPRING PIGS

MOST farmers prefer that pigs should come in the spring, but there are arguments for and against. In the fall sows are usually in better condition for bringing pigs, and the pigs themselves are generally stronger. The sow is on succulent feed, with a good degree of protein, and her whole system is in a more healthy and vigorous condition. Thus it has been during the entire period of gestation, and it is natural that the pigs should be more vigorous, and the sow is ready to take up their nourishment. But in the case of fall pigs, a change of feed must soon come, and the youngsters must be provided with winter quarters, and both sow and pigs must have expensive winter feed. And they must not only be kept throug the winter months but also through the summer, at least until June, before they can be put in the market. But if well kept they are ready to count at that time.

Before the spring pigs arrive the sow has been for some time on winter feed, usually more fattening than flesh producing, and she is subject to a degree of muscular exhaustion. Under these conditions the pigs are liable to be small and weak, but if properly treated they soon gain strength and vigor, and grow rapidly. They are ready for the pastures whenever the green of spring appears, and may be pushed all through the summer months, and come into profitable market condition in the fall.

But the grass lot pig of the old days no more fits now than does the ancient strawstack calf. The modern successful farmer must make everything do its best, and that requires care and feed, no matter what the season.

Hard on Him

"What makes you look so gloomy, my friend? The inspector of weights and measures hasn't been around, has he?"

"Yes, he has."

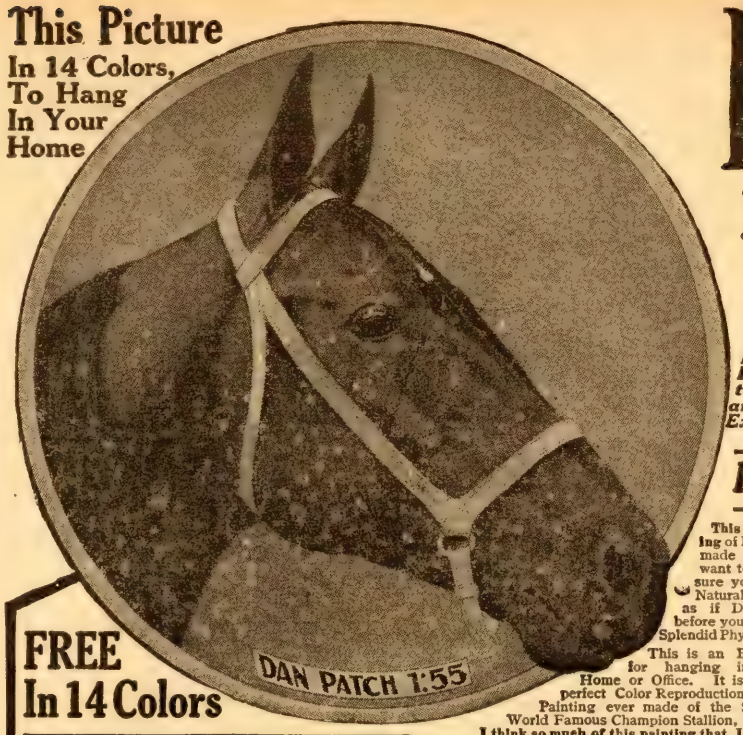
"He didn't catch you giving short weights did he?"

"No. I could have stood that. But he found my scales weighed heavy and I've been giving seventeen ounces to the pound all summer."

Abraham Lincoln learned his lessons by the light of the log fire. Now any farm home can have bright, steady light at very small cost. The Best Light Co., 420 E. Fifth street, Canton, O., have over 200 styles. Catalog is free. Agents make money introducing the lamps.

Don't buy a new range or heating stove without first writing to the Hoosier Stove Factory, 161 State street, Marion, Ind., for catalog. Buy from the factory direct and save money. They claim to save from $18 to $22 a stove.

This Picture In 14 Colors, To Hang In Your Home



FREE In 14 Colors

FREE

BEAUTIFUL PAINTING OF DAN PATCH

Reproduced on Extra Heavy, Fine Enamel Stock and in 14 Perfectly Blended Colors and Shadings by the Marvelous, Newly Invented "Original Colors" Process. Size of picture I will send you is 21 x 26 inches, making a Splendid Picture to Hang in any Home or Office as it is Absolutely Free of any Advertising. It will be mailed, postage paid, in an Extra Heavy Mailing Tube to insure safe delivery.

Free for Stockowners, Postage Prepaid

This Splendid Painting of Dan's Head was made from life and I want to Personally assure you that it is as Natural and Lifelike as if Dan stood right before you, in his **Present** Splendid Physical Condition.

This is an Elegant Picture for hanging in the Finest Home or Office. It is an exact and perfect Color Reproduction of the Finest Painting ever made of the Sensational and World Famous Champion Stallion, Dan Patch 1:55.

I think so much of this painting that I had it reproduced in a Beautiful Stained Art Glass Window in my Country Home. This picture will be a pleasure for you as long as you live because it shows Dan's true expression of Kindness and his lovable Disposition as natural as life. You cannot buy a Picture like this because I Own The Painting and have reserved it Exclusively for this use. Would you like the Finest 14 Color, Horse Picture ever published in the world of the Fastest Harness Horse in all Horse History? **People are Perfectly Delighted with this Splendid Picture** and are constantly writing me, from all parts of the world, that it is the **Finest** they have ever seen and thousands of them are hanging in fine Homes and Offices. A Splendid, 14 Color Reproduction of Above Painting mailed **Absolutely Free,** To Farmers or Stockraisers **OVER 21 YEARS OF AGE,** If You **Own** Stock and **Answer** Two Questions. Write Me Today, a Postal Card or Letter and **Answer** These Two Questions: 1st. How Many Head of Each Kind of Live Stock and Poultry do you **own?** 2nd. In **What Paper** did you see my offer? Picture will be mailed free **to Stockowners.**

Do You Expect To See The Day When These Wonderful Dan Patch Records Will Be Equalled?

Dan Patch 1:55

1 Mile in	1:55
1 Mile in	1:55¼
2 Miles in	1:56
14 Miles Averaging	1:56½
30 Miles Averaging	1:57½
45 Miles Averaging	1:58
73 Miles Averaging	1:59½
120 Miles Averaging	2:02½

Dan Has Broken World Records 14 Times.
Dan is also Leading 2:10 Sire of the World for his age. Sire of "Dazzle Patch" the Greatest Speed Marvel of the World's History, which paced a half mile in fifty-nine seconds, and one-eighth of a mile in thirteen seconds, a 1:44 Clip, when only 28 months old, in 1911. Also Pearl Patch 4 year trial 2:04. Some of Dan's Colts will be Champion Trotters as well as Pacers. Why not Raise or Buy One?

For over 25 years I have been guaranteeing that "International Stock Food" as a Tonic purifies the blood, aids digestion and assimilation so that every animal obtains more nutrition from all grain eaten and produces more nerve force, more strength and endurance. Over Two Million Farmers strongly endorse superior tonic qualities of "International Stock Food" for Horses, Cattle, Sheep, Hogs. **It Always Saves Grain.**

Dan Patch 1:55 has eaten it Every Day, mixed with his grain, for over Eight Years, just as you eat the medicinal mustard, pepper, salt, etc., mixed with your own food. Minor Heir 1:58½; George Gano 2:02; Lady Maud C 2:00½, and Hedgewood Boy 2:01, have eaten it Every Day for past Two to Four Years and they have all lowered their very low records during this time which is additional, indisputable proof that "International Stock Food" as a Tonic gives more speed and more strength and more endurance because everybody thought these Five Horses had reached their speed limits before I got them. It will also keep your Work Horses fat and sleek and in Extra Strength to do More Farm Work or Heavy Hauling. **It Always Saves Grain.**

ASK MY DEALER IN YOUR CITY FOR MY STOCK BOOK.

International Stock Food is a high-class, medicinal, vegetable tonic and is equally good for All Kinds of Live Stock. I feed it every day on my **"International Stock Food Farm"** of 700 acres to my 200 Stallions, Champions, Brood Mares, Colts, Work Horses, etc. You can test 100 lbs. or 500 lbs. at my risk. Over 200,000 Dealers sell it on a Spot Cash Guarantee to refund money if it ever fails to give paying results.

Its Feeding Cost is only "2 FEEDS for ONE CENT."

Dan Patch is the Great World Champion of all Champions that have ever lived. He Also Has 42 In Official Speed List.

He has paced more Extremely Fast Miles than all the Combined Miles of all the Pacers and Trotters in the World's History.

ANSWER TWO QUESTIONS FOR THIS SPLENDID PICTURE. I DO NOT BELIEVE YOU WOULD TAKE $10.00 for the Picture I will send you Free if you could not secure another copy. Write me at once and ANSWER QUESTIONS and the Beautiful Picture is yours FREE. Over Two Million Farmers and Stockowners have written me for a Dan Patch Picture. Address,

M. W. SAVAGE - MINNEAPOLIS, MINN.

OR, INTERNATIONAL STOCK FOOD CO., Minneapolis

FREE-FARM ACCOUNT BOOK

KNOW HOW MUCH YOU MAKE THIS YEAR

No one shall pay a cent for **Bickmore's Farm Account Book.** It will be sent free to any farmer who will be good enough to tell who and where he is. The cost of a crop never demanded closer attention. Business farming puts money in the bank. This book is arranged to keep all accounts in simple form—more simple, and certainly more practical, than trying to remember them; shows what to charge against crop production; has a laborer's time record; and section for personal accounts. **64 pages; for ink or pencil. Not a cheap affair. It is meant for business.** Its quality is in keeping with

BICKMORE'S GALL CURE



a remedy that **cures,** and the horse works all the time. Users keep it in their stables the year round—they believe in it. It is always ready for Harness or Saddle Galls, Chafe, Rope Burn, Cuts, Scratches, Grease Heel, etc. In cows use it for Sore Teats. Don't buy a substitute. Insist on getting Bickmore's Gall Cure—for the sake of your horse's health. But write now for Bickmore's Farm Account book—it is ready for **you.** No cost. No obligation. Send your name and address—that's all.

BICKMORE GALL CURE CO. Box 94, Old Town, Maine

GOOD STORIES FOR ALL

41 Complete Stories with GOOD STORIES 3 Months for 10c.

Let us give you this grand collection of forty-one complete Novels, Novelettes, and Stories. They were selected with great care from the works of the most popular writers. Each is a finished story in itself. All are well printed on good paper. Firmly bound in paper covers. We will give you this whole big collection of fine reading just to make you acquainted with our interesting paper, *GOOD STORIES.* Here are twenty titles. There are twenty-one others just as good.

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The Puritan Captain .. *Jane G. Austin*
My Sister Marcia ..... *Louise Chandler Moulton*
The Day of My Death ..... *Elizabeth Stuart Phelps*
A Protracted Meeting *Mary E. Wilkins*
A Sailor's Yarn ..... *W. Clark Russell*
The Plain Miss Burnie ..... *Frances Hodgson Burnett*
The Moorhouse Tragedy *Jane G. Austin*
Jeanette ..... *May Agnes Fleming*
My Lady Damer ..... *Amelia E. Barr*
Adventure with a Madman ..... *Emerson Bennett*
The Haunted House at Wicklow.... *Arthur L. Meserve*
Little Miss Ugly.. *Thomas Dunn English*
Mystery of the Blue Room ..... *Mary Kyle Dallas*
A Beautiful Sinner ..... *Inde*
The Haunted House ... *Mary A. Denison*
A Marvelous Cure ..... *Clara Augusta*

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GOOD STORIES is just what its name says, a monthly paper filled with the best and most delightful stories we can buy. There are thrilling serials by the best authors; there are many short stories in every number, some written expressly for us by the popular authors. The illustrations are the very best. In short, *GOOD STORIES* is a paper that once taken, you will never be without. That's why we can make this introductory offer. We know that later you will want to subscribe for a full year.

Send Us 10c Now and we will mail you *GOOD STORIES* for 3 months and will send you the 41 Novels and Novelettes, all charges prepaid.

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$20.45 AND UP.

SEND NO MONEY

30 Days Trial

You waste money if you pay a cent more than our price for a Cream Separator. You can't afford to buy from **anyone at any price** until you have sent a postal card or a letter asking us for our special Cream Separator offer. We save you half of agents' prices—we allow you 30 days trial on your own farm—you needn't send us a cent in advance, if you prefer not to.

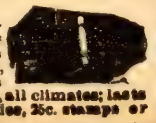
THE MACY IS THE BEST AND YOU CAN PROVE IT

We will send you a machine on trial so you can find out how good it is. No Separator costs more to manufacture than the Macy, yet our price is half the price asked by Agents. Easiest cleaned machine because its skimming device is aluminum. Frictionless pivot ball bearings make it easiest running. Guaranteed forever. Five sizes; five popular factory-to-farm prices. **Cut out the middleman's profit**—keep this money in your own pocket. Write to-day for our special introductory offer.

R. H. MACY & CO.

702 Macy Building, - New York

X-RAY KATHODOSCOPE. Latest pocket curiosity. Everybody wants it; tells the time on watch through cloth. Apparently see your fellow, best girl or any object through cloth wood or stone, any distance, all climates; lasts lifetime; always ready for use. Price, 25c. stamps or silver **Alden & Co., 2008 Hoyt Ave., Indianapolis**



REQUEST ADVERTISERS WANT TO *Know In what Paper you saw Them. Therefore We* **TO** *their Advertisement you Urgently Request You to mention UP-TO-DATE every time you Write to Our Advertisers.* **READERS.**

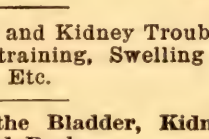


Sure Hatch Made the Government Way

The only Incubator having every feature recommended by Government experts in their official report, Bulletin No. 236—double walls with dead air space, clear top, double doors, deep nursery and chick tray, etc. Biggest hatches, easiest and cheapest to run. 60 days free trial, freight prepaid. 5 year guarantee. Early chicks bring biggest money. Valuable big Incubator book free. Write today. SURE HATCH INCUBATOR CO., Box. 28, Fremont, Neb.

Strongest FENCE Made

Made of DOUBLE STRENGTH Coiled Spring Wire. Requires fewer posts. Always tight. Is heavily Galvanized with PURE ZINC.



Will outlast all others. Sixty different styles and heights to choose from. A FENCE for every purpose.

WE SELL DIRECT TO THE FARMER AT DEALER'S PRICES.

Be your own merchant and put the Dealer's Profit in your own pocket where it belongs. Prices the lowest ever quoted for a first-class fence.

26-inch Hog Fence, - - 15c. per rod.
47-inch Farm Fence, - - 23-5/10c. per rod.
48-inch Poultry Fence, - 26-9/10c. per rod.

Special Barbed Wire, $1.55 per 80-rod spool.

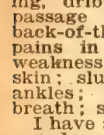
Biggest values ever offered and sold under our 30-DAYS-FREE-TRIAL-MONEY-BACK GUARANTEE-CONTRACT. Our big Catalogue contains information you ought to know. Write for it today. It's FREE.

COILED SPRING FENCE CO.
Box 88 Winchester, Indiana.

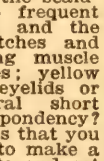
BROWN FENCE
13 CENTS PER ROD UP

RUSTPROOF: BULLSTRONG: PIGTIGHT
Fences for horses, cattle, sheep, hogs, chickens, etc.
Special low bargain prices. We pay the freight.
Ornamental Lawn Fences and Gates
Send for catalog and sample
Brown Fence & Wire Co. Dept. 70 Cleveland, Ohio

FARM FENCE

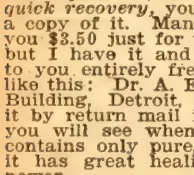


11½ cts. a rod for a 26 in. high hog fence; 16 1-2c. a rod for 47 inch high stock fence: 22c a rod for a 50-inch heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barb wire, 80 rod spool, $1.40. Catalog free.



INTERLOCKING FENCE CO.
BOX 45 MORTON, ILLINOIS.

KITSELMAN FENCE



Sold direct to you at factory prices on 30 days trial. Save the dealers profit. Farm, Hog and Poultry Fence at from 11½ CENTS A ROD UP.

All wires are heavily galvanized 80 rod spool of Ideal galvanized Barbed Wire $1.40. Write to-day for large free Catalog showing 100 different styles and heights of fencing

Box 289 KITSELMAN BROS. MUNCIE, IND.

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

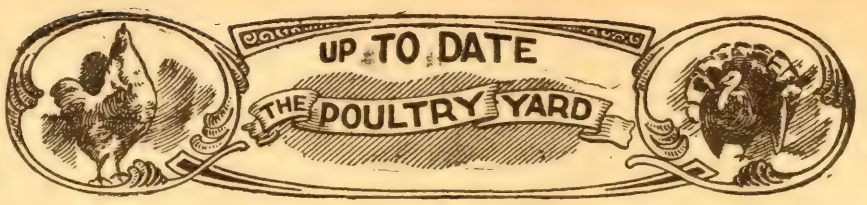
Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

When writing to Advertisers don't fail to mention Up-to-Date Farming.



WITH modern changes on the farm you will see a desire on the part of progressive farmers to improve their places with all conveniences that tend to either lessen labor, lower expenses or add to the productiveness of their land or stock. Under these conditions the silo, combining as it does all three of these important features and having behind it the endorsements of the United States government and State Experiment stations, is making rapid progress and at no distant date will establish itself as part of the necessary equipment on every farm where cattle are kept.



ANOTHER HOME ON AN IOWA PRAIRIE WHERE UP-TO-DATE FARMING IS READ AND PRIZED BY THE WHOLE FAMILY. THIS IS THE HOME OF J. C. ROSS, JAMAICA, IA. PHOTO BY STAFF PHOTOGRAPHER, BLACK.

Many farmers say, "We do not doubt that the silo will make feeding handy during the winter. But will it pay? Will not its cost and filling more than offset all its advantages? In winter about the only work we have is to take care of our stock. Our time is not valuable as we would be idle otherwise. And then, what about the food value of silage? We do not intend to invest in a silo simply because it is handy. We want to know just how it will make money for us."

The answer in a nut shell to all such inquiries is that silage can be produced for about $2.00 per ton and is worth $5.00 to $6.00 in feeding value. There are other advantages in feeding silage which should be explained to those not familiar with it.

Mr. C. H. Hinman, formerly of the Kansas State Agricultural College, gives $2.00 a ton as an average estimate for the total cost of production, that is cultivation of the corn and filling the silo. In figuring this cost it must be remembered that the cost of cultivation, cutting and hauling, will be the same whether fodder or silage is fed. Prof. A. L. Haecker, of the Nebraska station, figures the total cost of silage at $1.95. As stated before, however, many farmers prefer to bring the fodder in from the field during the winter when there is no other work. The filling of the silo then is the only extra expense. Every farmer who feeds corn fodder from the shock knows that a large part of its food value is lost through exposure to the weather. With the silo in use this loss is eliminated. The silage is completely protected from the weather.

In the matter of economy of space it is well to remember that a ton of silage occupies from one-eighth to one-tenth as much space as a ton of hay. This means that a shed or loft holding one hundred tons of hay must be about ten times as large as a silo holding the same amount of silage. The farmer who is expecting to build storage for feed will find it much cheaper to construct a silo. Then there is another advantage The demand for hay has made its market value very high. By using silage in the ration the consumption of hay will be lessened and the farmer may put the larger part of the money usually spent for hay to the account of silo cost. The original investment on the average size silo is from $300 to $350. This size will hold over 100 tons. There is at least a profit of $2.50 per ton in the silage and a net profit of $250 to $300 for each time it is filled.

We find then that the original investment in building a silo does not require a large expenditure of money. It only requires good management and conserving resources already at hand.

The cost of maintaining a silo is small. A coat of paint when built and afterwards as needed is about the only expense. The silo is built of a much better grade of wood than the average house or barn. Its iron parts should be of the best material, and if it is properly set up there is no need for many repairs.

The succulence and palatability of silage are important factors which must not be overlooked in considering its feeding value. Its approach to June pasture means much to the dairyman who realizes that without this feed he has an enormous shrinkage in milk when the cows are taken off pasture and put on dry feed.

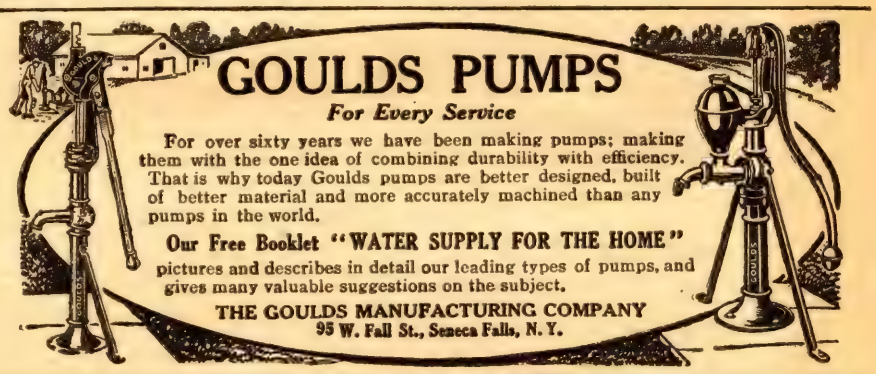
The demand for cream and butter during the last few years has been so great that no farmers can afford to ignore this important part of his work. And as the highest prices are paid during the winter when the milk yield, owing to the scarcity of green food, is greatly reduced. It behooves the farmer who wishes to get the most out of his cows to find a substitute for the pasture.

LOOK ABOUT THE FARM

THE autumn is a good time to study the general layout of the farm—the arrangement of this field and that, the crop devoted to this and to that,. Have results justified your judgment in these matters for the past season? What lessons have you learned during the closing year as to the adaptibility of your soils? These things are more important than many farmers consider them, and they should have much to do in determining what to plant in this or that field.

There are many places on almost every farm, where a little extra work would add no little value to surrounding acres. Many good farmers seem careless about these little things, and though they see them and know they ought to be done, regard such jobs as rather out of line with farm work, and let them go undone. Here is where judgment and management should prevail over inclination.

At all events, look about the farm now, before the permanent winter weather has settled down upon the resting acres. Examine the drains, the fences, the gates, the waste points, and see that everything is handled to the best advantage. The merchant to succeed must know his goods, the lawyer his books, and the doctor his remedies, and the farmer must know his farm.



GOULDS PUMPS

For Every Service

For over sixty years we have been making pumps; making them with the one idea of combining durability with efficiency. That is why today Goulds pumps are better designed, built of better material and more accurately machined than any pumps in the world.

Our Free Booklet "WATER SUPPLY FOR THE HOME" pictures and describes in detail our leading types of pumps, and gives many valuable suggestions on the subject.

THE GOULDS MANUFACTURING COMPANY
95 W. Fall St., Seneca Falls, N. Y.

APPLE GROWING The healthier the tree, the better the fruit. The longer trees are sprayed with "SCALECIDE" the more beautiful, healthful and fruitful they become. "SCALECIDE" is the acknowledged leader of all soluble oils—the only one containing distinct fungicidal properties. "SCALECIDE" will positively kill all soft-bodied sucking insects without injury to the tree. Let us prove these statements. Send today for free booklet "SCALECIDE—the Tree Saver." Address B. G. PRATT CO., Mfg. Chemists, 50 Church St., N. Y. City.



SMALL FRUITS

I grow Strawberry, Raspberry, Blackberry and other small Fruit Plants, Grape Vines, Shrubbery, Privet, etc. My FREE Catalogue tells the truth about them, and the prices quoted are fair for good stock, true to name. Write me today. W. F. ALLEN, 63 Market Street, Salisbury, Md.

HONEY Fine, homegrown, fall honey, amber in color and rich in taste; also western alfalfa honey, much milder and very excellent. Prices and samples on request. DADANT & SONS, Dept. I., Hamilton, Ill.

GINSENG $25,000.00 from one-half acre. Easily grown throughout U. S. and Canada. Our booklet C H tells particulars. Send 4c for postage, McDOWELL GINSENG GARDEN, Joplin, Mo.

TIME TO PLANT will soon be here. We sell direct to planter at lowest prices for best of Stock. Apple and Cherry trees 8c, Peach 4c and up. Send for Catalogue. It's valuable to you. ERNST NURSERIES, Box 11, Moscow, O.



LITTLE GIANT CORN SHELLER

Just Out and Entirely New

This sheller is a little wonder. Will do the work equal to any other hand sheller. No springs to jar loose, and adjustment simple and accurate. Impossible to get out of order. The sheller deposits the corn in the box on which it is mounted, and the cobs outside. Is made on honor and will last a lifetime. Will easily shell eight bushels per hour. Price 75c F. O. B. here.

75c

O. K. SEED STORE
INDIANAPOLIS INDIANA

—WHEN YOU WRITE—

to an advertiser always take special care to

WRITE YOUR NAME PLAINLY

including the full address. You know what you mean but no one else does unless he can read it. Many mistakes and delays occur because names and addresses are not written plainly. Print it if you can't write good.

When writing to Advertisers don't fail to mention Up-to-Date Farming.

Awful Penalties Farmers Pay

(Continued from Page 11.)

and it is the only farmers' organization, now or ever, that did.

You've got to do your own business. No other people, nor the government will do your business for you to your satisfaction. This is true. It is as certain as the laws of nature.

And cotton growers are not the only people we address. Think of the millions of bushels of apples that spoiled in the orchards and tens of millions of people in the country who would-gladly have paid a fair price for them, to eat. Lack of system is responsible. The Equity System is the remedy.

And think of the 70,000,000 surplus bushels of wheat in the visible supply and probably 400,000,000 more bushels that have been marketed under $1.00, when every bushel of the 1911 crop was worth $1.25.

And think of the other crops this year, and other years, that were dumped because farmers have no organization, and because comparatively few of them have such a guide and counselor as this paper—**UP-TO-DATE FARMING.**

Will you get busy now and vow that this is the last year you will pay such an awful penalty? Will you give a few hours of your time, and will each farmer give a few dimes of his money to establish the system that will save these hundreds of millions of dollars in the future?

It all depends on **YOU**, dear subscriber, who has the privilege of reading this article. If you will take the lead and carry the message to others **THEY** will follow you and soon be organized and soon it will be like the farmers from Maine to California touching elbows.

If there is a hole in your crib or granary througfih which the grain is leaking out, day after day, you would go and close the hole, wouldn't you? Well, there is a bigger hole on every farm through which the profits are leaking than can possibly be in any crib or grainary. You may not suspect the hole, but it is there. Because it isnot as evident to the eye does not make your loss any less than if your grain leaked out of the bottom of the granary into a stream and was carried to the ocean.

You will lose $100 to $1,000 or more every year until the Farmers Society of Equity is strong enough to arrest this condition. Comparatively few farmers are needed ,and if **YOU** and other readers will set right to work it will be a very short time until we have them.

Changed His Boast

"Since Spurt has become an aviator he has quit bragging about the ancient greatness of his ancestors."

"Why, what has that got to do with the airship business?"

"He takes greater pride now of his ascent than his descent."

Not Like Alexander

"Alexander thought he had conquered the world, and cried because there were no more worlds to conquer."

"Yes, but I would be awfully satisfied if I had a little garden patch to conquer."

Not Like His Grandfather

"Doctor, I'm getting tired of this everlasting dunning. You ought to have more respect for me than that. My grandfather was one of the earliest settlers."

"Well, I wish you had inherited that quality, and would settle early."

If you want to enter a good business a new opportunity is open to young men. Be a banker! is the head of an advertisement. Banking is taught by mail. Write for catalog to the American School of Banking, 102 McLean Bldg, Columbus, O.

Agents who introduce article of wonderful merit find a ready sale for this goods. Such an article is the White Flame Burner made by the White Flame Light Co., 5 Canal street, Grand Rapids, Mich. Send for circulars.

Big Eaters

"Why do you charge me more for board than you do other people? My object is to reduce my weight.

"Yes, persons who are reducing their weight develop wonderful appetites."

ROYAL DELFT BLUE AND GOLD 42 Piece Dinner Sets FREE



I want to give one of these beautiful Delft Blue and Gold Dinner Sets to every Lady Reader of this Paper ABSOLUTELY FREE.

I Pay the Freight—

When I say you can have this dinner set **free,** I mean that it will not cost you one single penny as **I pay all the freight charges.** I will deliver it in your town prepaid and **guarantee it against breakage.**

A Prize for Prompt People

I like prompt people and if you are prompt I will reward you with 6 lovely handkerchiefs. I insist on promptness so **don't delay a minuite, write me today.** Remember you get these handkerchiefs in addition to the Dinner Set so get your pencil and write me at once.

A Most Beautiful Set

My Royal Delft Blue and Gold is the handsomest set of china you have ever seen and it is a **complete set too.** It is not a little breakfast or tea set, but **is a full sized Dinner Set of 42 pieces** with large platter and a big covered dish. Delft Blue and Gold are the most expensive as well as the most beautiful decoration for china and have become famous in aristrocratic homes. No picture can do justic to the beauty of this dinner set, a flawless, pure white with rich blue at the edges shading to the most delicate tints and a dainty filigree design in pure gold overlapping, with a beautiful gold spray in the center of each piece. The colorings and decorations are underneath the glaze and will wear a lifetime.

You will be proud of this set as long as you live on account of its beauty and quality and because **it costs you absolutely nothing.**

My Offer: I want every lady reader of this paper to grasp this opportunity **now** to own a set of **my Royal Delft Blue and Gold** dishes absolutely free. Just write me a letter and enclose 10 cents as evidence of good faith on your part. For your 10c I will mail you 15 of the most beautiful art post cards you ever saw. These cards are really worth 25c. Now I ask you to send me the 10c merely to keep out curiosity seekers and children. All that I ask of you is that you help me among your friends and neighbors on my great introductory offer. Something that you can do easily and quickly. Write me today enclosing 10c to convince me that you really want one of my 42 piece Dinner Sets and that you are not a mere curiosity seeker. I will immediately send you the 15 fine post cards and **arrange to place my big 42 piece Dinner Set in your home free and all charges prepaid.**

DON'T LET THIS WONDERFUL OFFER WAIT BUT WRITE ME NOW--TODAY.

L. R. FORD, Manager, 31 Wyandotte Street, **KANSAS CITY, MISSOURI.**

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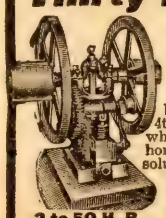
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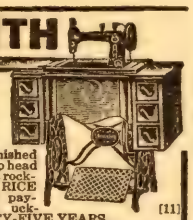
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AFTER THANKSGIVING

Song of the Growler

"The frost is on the pumpkin,
And the fodder's in the shock;"
But half the corn is rotten,
And it's killing off the stock.

The shocks are truly "shocking,"
And my pumpkins awful small;
The apples, they are rotting,
Rotting—rotting as they fall.

Hogs are taken down with cholera,
And the chickens have the roup,
The cows are looking bony,
And the children have the croup.

We celebrate Thanksgiving,
But I don't know what to thank,
For I'm loaded down with trouble,
And have overdrawn the bank.

The old gobbler did some strutting,
And I'm glad he felt so gay,
For his troubles all were over
When we had Thanksgiving day!
—Adapted.

THE MOTHER'S PROBLEM

IN a growing family of growing children, especially in the home on the farm, the mother's problem is keeping the children respectfully clothed. This is the mother's problem rather than the father's, because upon her the responsibility falls direct. The father may be a good and uncomplaining provider, and be all that a father should, yet upon the mother personally devolves the care and clothing of the infant, and that responsibility continues until the child has gone from the parental roof, no matter who may furnish the money.

And the larger the children the harder it is to solve the problem. It is easy to satisfy the little toddler who does not compare his clothing with that of his playmates. It is just about all the same with him, and the little one's raiment depends upon the mother's pride and the father's income. But as the boy or girl approaches manhood or womanhood, a different element enters into the solution. The children now compare their clothing with that of their associates, but they do not compare the income of their parents with that of the parents of their associates. They want to be "dressed like other people," and they are hard to satisfy with anything short of that; and too often the price is the standard rather than the quality or appearance of the garments. We have often seen children or young people, girls especially, dressed more tastily and more becomingly, decidedly better from the standpoint of refinement, on a meager outlay, than a richer neighbor in much more expensive clothes. But the child could not understand it, and felt that her clothing did not place her in a position equal to that of her neighbor. This, of course, is a childish thoughtlessness, but it is one that is very general and hard to overcome.

The best thing we can recommend to mothers is to early teach their children the real value of clothing; that taste does not depend upon cost nor refinement upon dollars. If a neighbor can afford to spend more for clothing the neighbor has a right to do it, and should not thereby create envy in the breast of another, nor relegate that other to a lower position in the moral, intellectual, or even the social scale.

Children ought to study the problems their parents must solve, and it should be their chief delight to help in solving these problems. Be content with what can reasonably be afforded, and realize that the true measure of the position one shall occupy is within and not without; and whosoever scorns another because that other's clothes are not so costly as theirs is clearly in a position above that to which they are entitled by what makes people good and great.

"Children Teething"
Mrs. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums and allays all pain, cures wind colic and is the best remedy for diarrhoea. Twenty-five cts.

THE READING FAMILY

HOW vacant is the mind of the man or woman who never reads, and how dull must be many of their hours! They must depend for entertainment on what someone else says, or from hearing others read. The latter, as a rule, is the better entertainment, and is keenly relished by those who have a taste for it, and it is that taste we desire to cultivate.

True, there are still many good people that can not read. In a long life among average farmers we have known many such, but most of them were progressive in mind and heart, and did all in their power for the education of their children. Such parents are more to be praised for that disposition than are those who are themselves educated, and they seldom fail to receive their reward in the brilliant, though perhaps unexpected, success of their children.

We have always admired a reading family. The children that grow up in such families have broader views, more progressive spirits, understand the world better, and invariably make better citizens. The home where papers and magazines go, and where good books abound is the home where the builders of society are, and where the future rulers of the nation live. And art and science have reached a point where no home need be without there elevating and refining influences. The abundance and cheapness of good literature, bring the best within the reach of the poorest; and good books are as easily obtained. What we wish our friends to do is to live in a pure atmosphere, to think with the greatest thinkers, to aspire to things higher, and to round out good and useful lives; and this is what we expect of reading families.

Quite Likely

"I'm afraid Maude is dissatisfied with her second marriage."

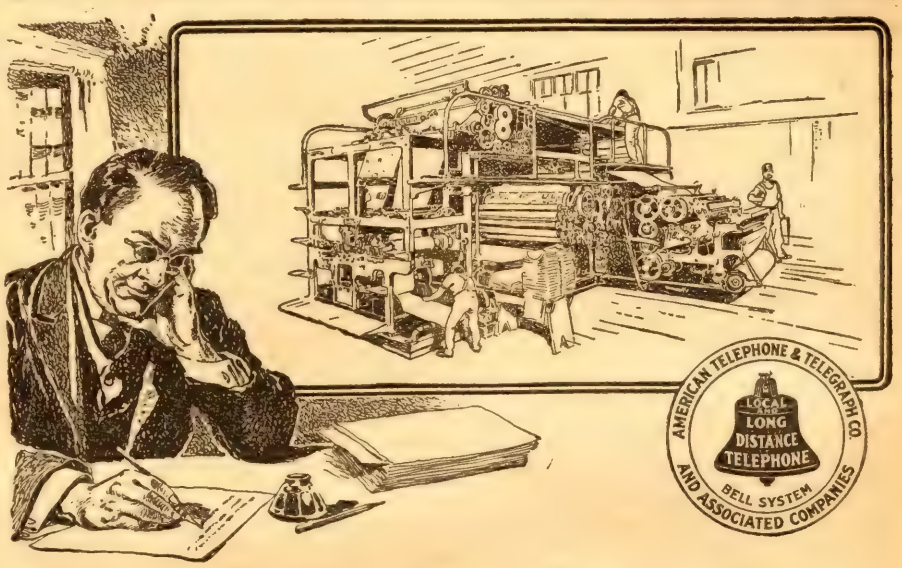
"What makes you think so?"

"I heard her speaking very kindly of her first husband."

That Was It

"And you have really been married. Did your husband die, or what?"

"He didn't die."



For Universal Service

The Press and the Bell System

The power of the individual writer is multiplied by the printing press. In the same way the power of the individual telephone is multiplied by the Bell system. In both cases, increased usefulness comes from progress towards universal service.

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4680—LADIES' SHIRTWAIST WITH REMOVABLE DUTCH COLLAR. Cut in sizes 32 to 42 inches bust measure. For 36 bust it requires 2½ yards 36 inches wide. Price 10 cents.

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THE CHILDREN'S SCHOOL

OF ALL the interesting places in the neighborhood there is not one around which greater interests cluster than the place where the than where the children attend school. Every day of the week but two there is more or less confusion and bustle in the morning as they get started, and in the evening they come trooping home with more or less disorder, and most likely the throwing of things in undesirable places.

And what is it all about? It is for the education of the children, to make them equal or superior, intellectually, to their neighbors, and to qualify them for a successful career in life.

What is going on at the schoolhouse where the children stay so much of the time? How is the great work being done? How are the children deporting themselves, and to what extent are they taking advantage of the opportunities supposed to be offered there? Do the parents know?

We appeal to parents and to everybody interested to take more interest in the public schools. Do not be punctillious or meddlesome, but let the teachers know that their work means much to you, and impress the children with your high hopes for their accomplishment. Visit the schools often, not to criticise, but to encourage. If you feel that improvements are needed suggest them mildly, and prove to the teachers that you are their friends. Attend the public exercises and take part in them. Accept the teachers plans where it is at all consistent for you to do so, and work with the children as well as with the teachers to accomplish the great work so necessary to be done. The intellectuality and the morality of the people of the future years depends much upon the public schools.

FOR THE FOLKS AT HOME

LEATHER or leather covering that has become dull in appearance may be very much improved by being rubbed over with well beaten white of egg.

Never put soda in water in which you are to wash china that has any gilding on it. Soda injures the gilding. Use soap; it has no ill effects and answers just as well.

Varnished paint may be cleansed by using hot water which has been poured on used tea leaves, allowed to stand for half an hour, and then strained through a seive.

The inside walls of meat safes, or places where cooked provisions are kept, should be scoured occasionally with soap, or soap and slacked lime; and all such places should be so constructed that a brisk current of cool air can be made to pass through them at will. A small vessel containing quick lime, to be renewed occasionally, frequently it might be better to say, is a good thing to keep in a safe or cupboard.

Don't be afraid of air in the sleeping rooms either night or day. Fresh air should be let into every room every morning; and before bedtime it should be known that the air in the room is pure. And don't be afraid of open windows even while you sleep. The idea that night air is bad is a mistake. Those who suffer from open windows are not careful enough as to draft. Do not have a draft directly on the bed, and there is little else to fear.

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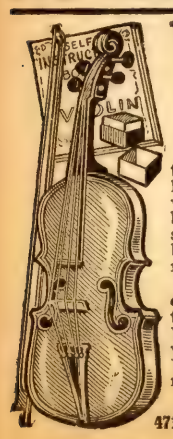
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WE NOW enter upon the last month of the year. I suppose that is no more than the first of any other month, but to me it always carries with it a degree of solemnity that the first of the other months does not—a suggestion of self-examination. The last month of the year. How have the other months been employed? Has all been made of them that could be. In other words, have we made good? Or may we do something this month to fill out former deficiencies that the year may be rounded out as one well spent? This may be a little sentimental, but there are many things for us to watch in this strange life with its stranger opportunities, that must have been given us for a purpose.

But our letters and their writers at least are real, and we turn to them with a pardonable degree of pride.

DEAR CADETS: I want to become a Pioneer of Equity, and am sending a new subscriber for our grand paper. I live in the country on a small farm of 60 acres, and we have cattle, horses, hogs, chickens, geese and a turkey. I like farm life fine, but I also like city life. Up-to-Date is a dandy paper, and it is so nice to hear from far away friends and strangers. I am past 19, and I would like to exchange letters or cards with Cadets near my age.—Alice Fry, Greenburg, Pa.

DEAR CADETS: I am a farmer's son, 17 years old, and I take Up-to-Date, the best farm paper published. I am also sending a new subscriber so as to be enrolled with the Pioneers of Equity. I live on a farm a mile from town, the county seat. As our principal crops, we raise corn, oats, wheat and hay. I love farm life, as it is nearly all out door and in the best air.—Earl Sheaffer, New Bloomfield, Pa.

DEAR CADETS: I am a Kentucky girl of 21 years, and I live on a farm of 700 acres, where we raise wheat, corn, hay, tobacco, and most all kinds of vegetables. I keep house for my father; my mother died last December. My father takes Up-to-Date, and I enjoy reading the Cadet letters from the different states, especially from the "Golden West." Horseback riding and driving are my favorite pastimes. I would live to receive cards or letters from the Cadets, boys or girls, near my age or older. I will answer all cards or letters received.—Katherine Stewart, Sebree, Ky.

DEAR CADETS: I think Up-to-Date a splendid paper sure. I think it is a pity that more farmers do not take it and practice its teachings. I am a farmer's daughter, and live on a farm of 160 acres. I am 16 years old, and help with most all of the work there is to do on the farm. I tried to plow, but did not prove to be a very good hand, so I quit. We have an organ, and I can play church music quite well, but I can't play instrumental music at all. Osceola is our nearest railroad town. It is on the Osage river. The Ozark mountains are about 25 miles from here. I am a member of the Methodist church, and go to a union Sunday school. My sister, Mae, will be 18 December 22, and I would be glad if the Cadets would surprise her with a card shower. I will be glad to receive cards or letters from the Cadets, and will answer all I can. Success to Up-to-Date and its many readers.—Dimple Schoonover, Carbin, Mo.

DEAR CADETS: I live with my father and mother and one brother. We live on a 20-acre truck farm, and our principal crops are sweet potatoes, tomatoes and watermelons. We have taken Up-to-Date for some time, and I think the Cadet letters are fine. I am 21 years old, and I am going to Florida in the spring. I would like to exchange cards or letters with all the Cadets.—Adolphus P. Johnson, Abilene, Kas.

DEAR CADETS: Will you let a Missouri boy in for a chat? I live in what is called the beautiful Ozarks of Missouri. I am a farmer, and live on a 240-acre farm on a high bluff about half a mile from the beautiful White river. The scenery is very fine. We have a 15-acre orchard, and I have been picking apples today, October 20; but they are not very good this year on account of the worms that bother fruit that is not sprayed. We have seven cows and seven calves, and two of the cows and calves are my own. We also have three horses, several hogs, and quite a large flock of chickens. I am 19 years old, and my father and mother are both living. I like music, the guitar being my favorite instrument. I am also an amateur photographer, but have not made many views of this country. To any persons wishing information concerning the Ozarks I will gladly respond if they enclose postage. I would like to receive cards or letters from Cadets near my age.—Marcus Clayton, Mildred, Mo.

DEAR CADETS: I was born and raised in Kansas, and am 23 years old. I have been a reader of Up-to-Date, and I think it is a fine paper. I am farming for myself, and my principal crops are wheat, oats and corn. Wheat is a good price here now. I am hauling my wheat to Navarre, two and one-half miles from my farm, and am receiving $1 a bushel for it. I enjoy reading the letters from the Cadets. I will answer letters or post cards from them.—Emil Thomas, Hope, Kas.

DEAR CADETS: I have been wishing for some time to become one of your number, but have failed to write until now. I think Up-to-Date one of the best farm papers published, and I always turn to the Cadet page first, for I enjoy reading the letters so much. I live on a farm in the good old state of West Virginia. I am 18 years of age, and will be glad to hear from any of the Cadets that care to write, and will answer all letters or cards received.—Bessie Hoffman, Kingwood, W. Va.

DEAR CADETS: I am a subscriber for Up-to-Date Farming from the eastern part of old Kentucky. Farming seems to be an uphill business in this section, although it is the principal occupation of the people. But few farmers seem to be interested in making a success, but farm just enough to supply the wants of the home. Farmers of this county (Martin, Inez being the county seat), have some difficulties to meet—the mountainous condition of the land, the lack of market for their produce, and the distance to the railroads. We are about midway between the N. & W. on the east and the C. &O. on the west, about ten miles to either. We have plenty of natural gas and coal. The United Fuel Gas Company has several wells in this vicinity. The principal part of the timber of Martin and adjoining counties has been taken off, and it is now up to the farmers to get out of the rut and do some up-to-date farming or vacate. Corn, hay, oats and potatoes are the principal crops. Horses, cattle and hogs are raised. Fruit is grown to a small extent; apples, pears, plums, etc., do remarkably well under proper cultivation. I am 30 years of age, single, and live with my mother, on a farm of 200 acres, mostly hilly. I am very much interested in farming, and have a fairly good education, which I think every farmer needs nowadays. I like Mr. Everitt's idea of organizing the farmers. Almost every other business is organized; why not organize the farmers? I would be glad to hear from Cadets, especially those interested in farming. Will answer all questions I can concerning our state or county.—Hamilton Ward, Inez, Ky.

DEAR CADETS: My father has taken Up-to-Date for several years, and I think it is the best farm paper there is. I enjoy reading the Cadet letters very much. I am 16 years of age, and have five sisters but no brother. I am a Methodist, and am in the first year of high school. We have about 350 acres of land, and 8 horses, 4 colts, 8 cows, 18 hogs, and about 100 chickens. I love farming, and can help a good deal out of doors. I do most of the milking, and go to school in the winter. I love music and am taking lessons this winter. I can cook and embroider, and do most anything that comes around. I would like to exchange cards with some of the Cadet boys and girls.—Frances Pugh, Grant, Va.

DEAR CADETS: I am a Michigan lad, 16 years old, and live on a Lenawee county farm of 185 acres. Corn, oats and wheat are our main crops. This is very productive soil, and the land sells at from $100 to $150 per acre. Our domestic animals are horses, cattle and sheep. We have 5 horses, including my driving horse, a chestnut sorrel, 4 years old, and very pretty; I also have a new buggy and harness. This is our first year with Up-to-Date, and we think it a great paper; it interests the whole family. But our family is not very large, as I am the only child. I am a great lover of horses, and have broken three colts without help. I would like to receive photos of other Cadets and their horses, ponies or colts. I love to raise colts and play with them. We have rural delivery and telephone, but our nearest town is Ridgeway, four miles distant, on the Ridgeroad. This road is 60 miles long and extends from Adrian to Detroit, and is located on a ridge all the way, and is a beautiful road. Our home is on this road. We have 20 head of cattle and 60 sheep, 300 chickens, geese and turkeys, and 50 hogs. I hunt and fish some, but my main sport is driving. I would like very much to visit On-a-Teal, that 700-acre mountain farm, with its fish ponds, must be very interesting. I would be delighted to receive a photo post card of some of the scenery on that farm. I would also like to receive cards, letters or photos from all other Cadets, and I assure you they will be answered.—Lysle R. Ames, Ridgeway, Mich.

I must now content myself with giving the names and addresses of the following writers. If any of the Cadets desire correspondents in those localities, they need not hesitate to write to these Cadets, for their letters are as good as the ones we publish. Lack of space is the only reason why they are omitted.

Hilda Peterson, Ceresco, Neb.	17
Theodocie Fox, Crickinor, W. Va.	18
Fred E. Malls, Del Norte, Colo.	12
Grace Stout, Silver City, Ia.	
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Luke Pafford, Camden, Tenn.	
Sydney Speer, Ellington, Mo.	11
Arnold C. Schultz, Ida, Mich	14
Harry Ramsbottom, Spaulding, Ia.	14
Florence Over, Hettington, N. D.	

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Skunk and Muskrat Sets

DEAR EDITOR: I subscribed for your paper last year and like it just fine. I have just finished reading your Hunting and Trapping Department and as you wished to receive letters from trapers, I will write you my experience along the trap line.

The fur-bearers we have are muskrat, mink, skunk, civet cat and weasel. I will give you a good skunk and muskrat set which I know to be good, for I have caught many with them. For skunk find the den, path or place where they live. Set traps in the center of the hole or path, lower it down until it is level with the soil; put a few drops of some good animal decoy on mouse or bird for bait; then just cover trap with dust to hide, and you are safe in getting Mr. Skunk. Animal decoy can be bought from fur dealers.

For muskrat find a place where they run; take a piece of carrot and get a stick about two feet long, put your carrot on one end. Stick the other end in bank so that the bait will be about eighteen inches above water where it is about four inches deep; then take a No. 1 trap and set it under the bait and stake it out in the water full length of the chain. This will keep Mr. Rat off the bank, for if he gets out of the water he is apt to gnaw off his foot and get away.—Fred VanDerPol, Sioux Co., Iowa.

A Hoosier Trapper

DEAR EDITOR: I like to read Up-to-Date Farming for its Hunting and Trapping Department. I make a big part of my winter money out of furs, and like a paper that gives me ideas.

I trapped on White river last winter with about three dozen traps. Sold my furs for $75.50. I have one dozen No. 1 Victor; one dozen No. 2 Stop Thief, and one dozen No. 1 1-2 Hawley & Morton.

I like the Hawley & Morton the best. Coons are mighty scarce this fall, but other furs are about the same.

The best way I know to catch a mink is to hunt for their running place. Get some moss off a tree. Set the trap in the path and cover lightly with the moss. This gets them every time.

Let's hear from more trappers.—Wm. Grose, Knox Co., Ind.

A Coyote Trapper

DEAR EDITOR: I trapped sixteen nights and caught seven coyotes, one lynx cat, and five skunks. The way I set my traps for coyote is to put three in a place, tied together with a wire. I dig three holes so that the traps will be about equal distance apart, being careful not to dig the holes too deep. Then I put the traps in these holes and spread a piece of paper just big enough to fit over the trap nicely. Then sprinkle a layer of dirt over the trap, and be sure there is not any of the traps or paper left uncovered.

The bait I use is skunk, rabbit and prairie dog, placed in the center of the trap circle. I had the best luck with skunk meat for bait.

I am sixteen years old, and like to read Up-to-Date Farming.—Walter Brown, Quay Co., N. M.

Young Pennsylvania Trapper

DEAR EDITOR: We have been getting Up-to-Date Farming for two years. It is the only farm paper I know of that gives any attention to trappers. As you have started a regular Hunters and Trappers Department, I will write some of my trapping experiences to help it along.

I am fifteen years old and go to school, so have not much time to trap. I have a .22 calibre rifle and two dozen traps. Here in this part of Pennsylvania we have for fur-bearers, skunk, mink, opossum, muskrat, coon, weasel and the red and grey fox.

The skunk is not hard to trap. The way I set for them is to set my traps at the mouth of dens or by baiting with chickens, bird, squirrel, etc. The mink is a shy and wary little animal and is quite hard to trap. The way to trap mink is to set your trap in a spring or at the mouth of a small stream and under old roots of trees, where they frequent. Cover your trap with a few watersoaked leaves and bait with chicken, bird, or muskrat. A few drops of fish oil on the bait makes a good scent.

The opossum is an easy animal to trap and I use the same style of sets as for skunk.

The way I trap coon is to go along streams and find places under the roots of trees and set my trap in the water three or four inches and put a few wet leaves on it and use chicken heads, etc., for bait.

The way I trap muskrats is to find places where they feed on roots and at their slide. I put my traps two or three inches in the water and stake or use the slide pole and bait with apple.

I caught my first red fox last January. The way I trapped him was first I made a bed of buckwheat chaff and baited with rabbit. The fox soon began to work at the bait. I then set three No. 1 1-2 traps around the bed of chaff. The next morning when I went to look at the traps I found I had Mr. Fox.

I am trapping for muskrat now. The furbearers are about as plentiful as last year. Wake up, you young trappers, and let's hear from you through Up-to-Date Farming.—Thomas Sutter, Indiana Co., Pa.

Live mice make dandy mink bait.

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Make a good scent by cutting fish and putting in a bottle; letting it sit in the sun until rendered up.

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For covering a trap in a mink set, get some chaff which mice have been working in. This is better than nearly any other covering you could use.

Don't forget to write us your experiences on the trap line. These make interesting reading for brother trappers. Note the special prize for good letters, sketches, etc.

For mink, otter, fisher, coon and even fox, a minnow floated on a small piece of wood or cork, and fastened to it with a cord, placed just beyond a trap set under water, makes an excellent bait.

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Muskrats, like cats, like to nibble on catnip. It will pay you to take a few stalks of this every week or so and drop it, or stick it in the ground around your sets. It will pay you to take care of this little plant every summer, for use later in the season.



TRAPPERS GET BUSY BIG MONEY IN FURS

Over ten million dollars will be paid to trappers of fur bearing animals during the coming winter. Any man or boy living in the country can add a goodly sum to his earnings by trapping during spare moments. We furnish ABSOLUTELY FREE a complete Trapper's Guide which tells you the size of trap and kind of bait to use for the different animals, how to remove the skins and prepare them for market. We also furnish the best traps and baits at lowest prices. We receive more furs direct from trapping grounds than any other house in the world, therefore can pay the highest prices for them. Our price lists, shipping tags, etc., are also FREE for the asking. If you are a trapper or want to become one, write to us today. We will help you.

F. C. TAYLOR & CO.
GREATEST FUR HOUSE IN THE WORLD
110 Fur Exchange Building, St. Louis, Mo.

SHIP YOUR FURS

direct to E. W. Biggs & Co. and you will get the highest prices and save all commissions. A square deal and quick returns. One skin or a thousand. Fur shipments held separate on request, and your furs back if our returns are not O.K. "Trappers Guide" free to shippers. It will pay you to get our price list, shipping tags and catalogue of Trappers supplies; all sent free; write today.

E. W. BIGGS & CO.
1486 W. 9th St., Kansas City, Mo.
Largest hide and fur house in Southwest. Estab. 1882

Raw Furs Wanted

Skunk, Mink, Raccoon, Opossum, Fox, Muskrat and other furs are bringing high prices in New York, the best market for you to ship to. Do you want to know **"How to Get More Money for Your Raw Furs?"**

Write for "Monjo's Hunter and Trapper" and price list—it's free. Highest commercial references.

F. N. MONJO, 170 W. 25th St., N. Y.



OUR TRAPPERS GUIDE FREE

Not a CHEAP, but a VALUABLE Book with pictures of all animals, their tracks and signs, game laws and valuable information FREE. Don't go through another season without it, as it will mean dollars to you. Our "BEST" BAITS, recommended by the U. S. Forestry Service, will increase your catch. We are the originators of sending circulars to Trappers direct.

WEIL BROS. & CO., Box 29 Ft. Wayne, Ind.
The Square Deal House, where you get those good returns

All these you saw this ad in Up-to-Date Farming

New Model 27 **Marlin REPEATING RIFLE**

The only gun that fills the demand for a trombone ("pump") action repeater in .25-20 and .32-20 calibres.



Shoots high velocity smokeless cartridges, also black and low pressure smokeless. Powerful enough for deer, safe to use in settled districts, excellent for target work, for foxes, geese, woodchucks, etc.

Its exclusive features: the quick, smooth working *"pump" action;* the wear-resisting *Special Smokeless Steel* barrel; the modern *solid-top* and *side ejector* for rapid, accurate firing, increased safety and convenience. It has take-down construction and *Ivory Bead* front sight; these cost extra on other rifles of these calibres.

Our 136 page catalog describes the full *Marlin* line. Sent for three stamps postage. Write for it.

The Marlin Firearms Co. 104 Willow Street New Haven, Conn.

Trappers! Get Your Share of these Big Extra Prizes Free!



Write quick for greatest money-making offer ever made. We are giving away, absolutely **GIVING AWAY,** $1,000 in gold each month for best quality skins. You might as well go after these big cash prizes. Costs nothing to get them. Send postal and learn how we make such an astounding offer and how to enter Prize Contest free. Names of winners will be sent to everybody on our mailing list.

Highest Cash Prices—Prompt Returns! Cash prizes are all **EXTRA—FREE.** For we pay, in addition, top-market cash prices, and guarantee quick returns. No fake commission charges. We send back all your money. We pay express charges. You can't lose in dealing with SILBERMAN. We have been in business 45 years—are the largest Fur and Wool House in America. The world's biggest fur manufacturers buy of us. So we can always pay highest prices. Postal brings latest Fur Market Reports and $1,000 Prize Contest Circular. Hold your furs till you hear from us.

S. Silberman & Sons (Estab. 1860) Largest Fur and Wool House in America **Desk 33, Chicago**

HIGHEST PRICES FOR FURS

I pay highest market prices, pay express charges on all shipments and hold them subject to your acceptance of my valuation, if desired.

I charge no commission or extras, but do my level best to give you every cent your furs are worth.

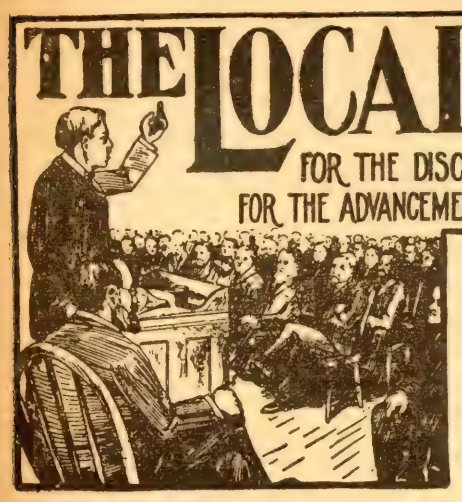
This is only possible because I sort each skin and you can rely upon fair and honorable grading.

At the end of the season I share profits with you.

Send for price list now. Address me personally.

Victor Siesinger, CO-OPERATIVE RAW FUR CO., 238 Jefferson St., Detroit, Mich.

WE SHARE PROFITS WITH YOU



THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union of the F. S. E.

Whenever a reader of UP-TO-DATE FARMING reaches that condition of mind that he believes the farmers of his community should do more of their own business of selling and buying, instead of paying an enormous price to have it done by middlemen, he should take steps to organize a local union of the Farmers Society of Equity. A local union is wanted at every market town and city. This is a *business* organization and the local union headquarters must be where the business is done, not at school houses.

The first step will be to interest nine or more of your neighbors with you (ten is the least number that may organize a local union). When you have ten or more names write to headquarters—Farmers Society of Equity, Indianapolis, Ind.—for full instructions, blanks, etc. But don't stop canvassing for names of *charter members.* Get all you can. Numbers inspire confidence and the benefits you will get from your union will largely be in proportion to the number of members.

When you get instructions from headquarters you can call the meeting and organize any time. This is done by electing the officers—a president, a vice-president and a secretary treasurer—and giving the first degree—"Lesson on Co-Operation"—which is not secret, but may be given in a public meeting of the members. But this will be explained in the instructions.

The Membership Fee

is $2.00, which must be apportioned as follows: Where the organization is effected without the assistance of an organizer, put 20 cents in the local union treasury for general expenses, and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year; 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The new organization must be reported to the National Union by the secretary, or organizer. Members may be admitted at any meeting and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply necessary blanks.)

The Emblem



of the Farmers Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of justice and equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

Enroute to the state meeting in Oklahoma.

—o—

Have you ever thought, as you traveled across the country and viewed the farms along the lines of railroad, that rural America is largely a waste?

We mean that our natural resources are not profitably used, and the golden advantages on every side are not embraced by farmers to any considerable extent.

—o—

Travel almost anywhere you please and you will see fields overrun by weeds to the exclusion of useful crops, or sharing the soil with the crops; undrained land that year after year disappoints the farmer because it refuses to return crops commensurate with the seed and labor bestowed; farms gullied and broken and farms which, through the lean crops, point the accusing finger at the soil robber.

—o—

What else than a waste is a country that can only point to twelve bushels of wheat, thirty bushels of corn, twenty-four bushels of oats and less than 100 bushels of potatoes per acre average, compared with thirty-five, fifty, sixty and two hundred fifty bushels, respectively of these crops on an average, in old European countries?

—o—

A waste of land and labor; a waste of precious time and opportunities; a waste of the enormous and expensive effort put forth every year by the nation and states to teach better farming and more production. All the millions of dollars annually spent, and the best brains of our colleges have not been able to raise the average production a fraction of a bushel in forty years, under the old wasteful methods.

—o—

If what we write is true, and the figures of the National Department of Agriculture is our authority, are we not justified in referring to agriculture as the most wasteful industry in the country? No other business could survive at all under similar treatment.

—o—

Not that we would have the average yields doubled or trippled suddenly, because, notwithstanding the wasteful methods, farmers have been able to produce enough to feed the people and a sudden great increase would depress prices. But we would like to see better farming on a less acreage now, and a gradual increase in production to keep pace with the increasing population.

—o—

The fertility of the average farm has decreased very much and it is taking all the ingenuity of more intelligent farmers and superior cultivation with improved machinery to maintain the production on a par with that accomplished by our fathers and grandfathers when they merely tickled the soil, sowed the seed and garnered crops as large, or larger than at the present time.

—o—

How long can the waste continue and the farmers still feed the people and domestic animals? Even now a poor season creates a desperate condition. Witness the extremely high prices of some 1911 crops, and the worst has not come yet.

—o—

The remedy clearly lays in steady, profitable prices. We mean a condition that the farmer will know when he plants a crop that he can sell it at a profit. Then he will know that he can feed his soil and from the crop realize the money to pay the fertilizer bill.

—o—

Known, steady prices that will permit the farmer who must sell immediately after harvest to get all his crops are worth, the same as the one who holds and sells when the speculator has his harvest. Or the facility to store and hold his crops instead of dumping them into the waiting speculator's hopper is what we want to see.

—o—

Whatever will bring this will solve the problem. But this lacking, the millions appropriated by the nations and states, the work of the experiment stations, the teachings of the agricultural colleges and the demonstrations by agricultural trains, will all be wasted, notwithstanding farmers will work more intelligently and harder year after year.

—o—

It will not take money to solve the problem; a steady income; the certainty that a crop will sell at a profitable price; the feeling that part of the proceeds from the sale of crops, each year, can be devoted to buying fertilizers, clearing, filling gulley and drainage, instead of being hoarded against the time of low prices which are inevitable under the old conditions.

—o—

The next time you travel take particular notice, as we have, and try to picture in your mind what America will be when every crop sells for what it is worth, measured by the investment, toil and intelligence it represents to produce, and a margin of profit added equal to that taken by the people who make the goods farmers buy. Then contrast that picture with the one you see from the car windows in 1911.

—o—

Of course, we need not say that everything points to organization as the means to the end. And we are glad to note that all the people of the country are warming to the idea of the masses organization to right their wrongs. In the face of wasted resources and opportunities, which means suffering for the classes dependent on the farmers, a change is desired; a change is coming.

—o—

The poet well expressed the present condition in these lines:

Great thoughts are heaving in the world's wide breast;
The time is laboring with a mighty birth;
The old ideas fail.
Men wander up and down in wild intent;
A sense of change preparing for the earth
Broods over all.

—o—

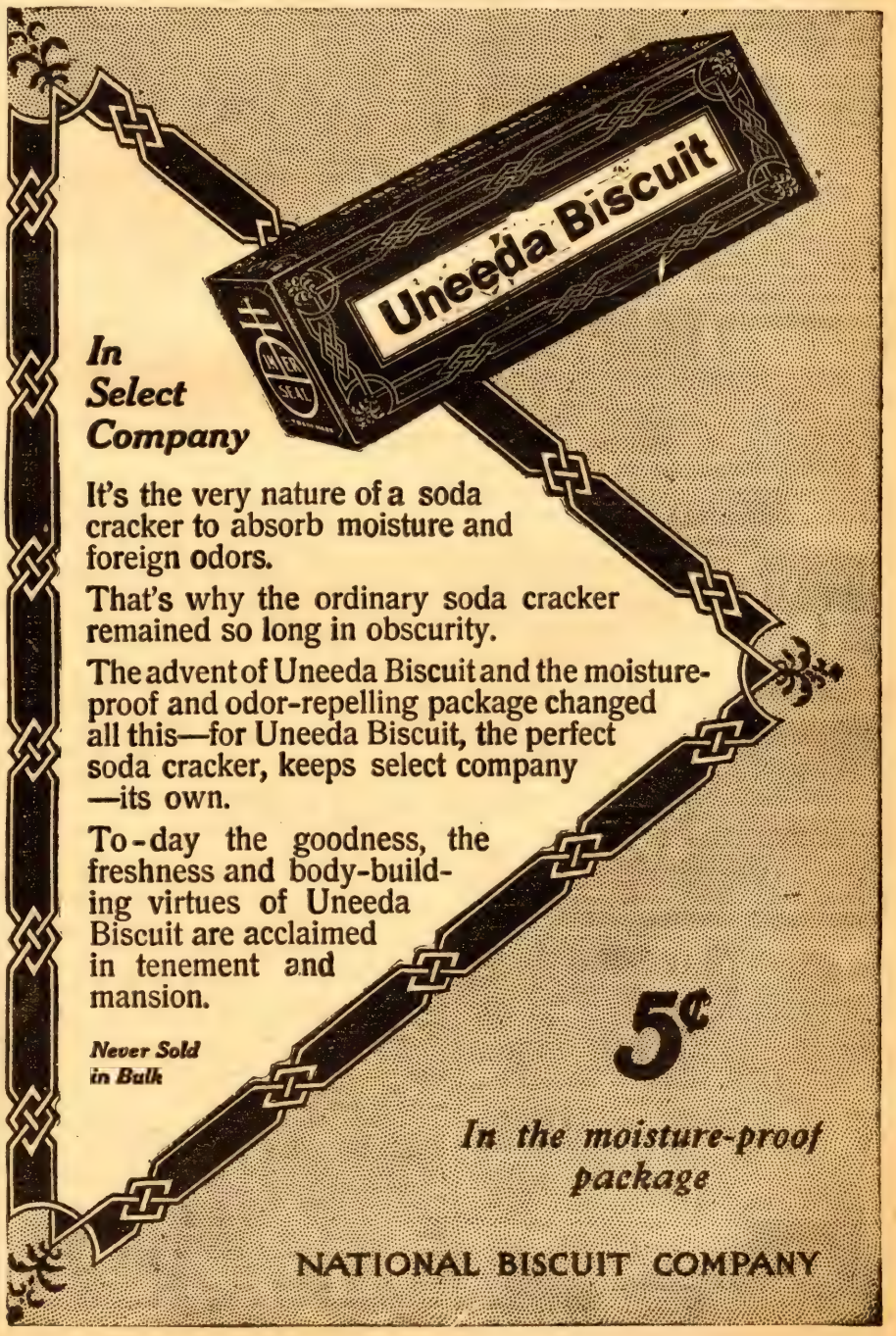
The meaning of the nation-wide unrest is unmistakable. There is a universal revolt against old conditions and methods. The forces that have been at work in the past have been unable to stem the revolt. A new force must come into, or out of agriculture, and it must grow and expand to meet the new social and industrial problems. This is not a time for farmers to stand still, but it is the time for them to turn their faces to the future and make America what its boundless area, its varied climate; its great natural resources; its intelligence and its great population all point to as a natural inheritance.

Lowell voices our thought in these lines:

New times demand new measures and new men;
The world advances and in time out grows
The laws that in our father's days were best;
And doubtless, after us some purer scheme
Will be shaped out by wiser men than we.
The time is ripe, and rotten ripe, for change;
Then let it come! I have no dread of what
Is called for by the instinct of mankind.
Nor think that God's world will fall apart
Because we tear the parchment more or less.
Truth is eternal, but her effluence,
With endless change, is fitted to the hour;
Her mirror is turned forward to
Reflect the promise of the future, not the past.

—o—

Let us work through the Farmers Society of Equity to make the promise of the future a realization.



1911 National Convention Begins December 12 at Indianapolis

The next national convention of the Farmers Society of Equity will be held at Indianapolis, beginning December 12, next.

At this convention national officers will be elected and every other thing done that may be considered for the good of agriculture and for the extension of the Society. As relates to the election of officers, we quote from the by-laws as follows:

ARTICLE IX

Officers

Sec. 3. The officers of the National Union shall be a President, a Vice-President, a Secretary, a Treasurer, a National Organizer, other Directors to make nine, and a Director to represent each principal crop or class of crops as they may be grouped in the plan of the Society to facilitate marketing. Such crop Directors to be appointed by the Board of Directors as their necessity arises.

Election—Representation

Sec. 4. The officers and directors of the National Union, with the exception of the Secretary, shall be selected by a popular vote of the members on blanks furnished by the National Union, and forwarded to the National Union by mail or by delegate, to be voted in the National Annual Meeting of the Society. * * *

The term of the officers shall be for one year, or until their successors are elected and qualified. *The names of all candidates must be published in the official paper at least three times, the first publication being at least six weeks before the time of the Annual Meeting.*

Pursuant to the terms of the law we now publish a list of the nominees as follows:

NOMINATIONS

For President

J. A. EVERITT, Indianapolis, Ind.
Mr. Everitt is the present President.

For Vice-President

W. H. MITCHELL, Hutchinson, Kas.
Mr. Mitchell was one of the incorporators of the Society in 1908, and has been a director since. He is an extensive land owner, and one of the most progressive farmers of Kansas. His present home is in Hutchinson, and having retired from active farm operations, he has had time to further the cause of organization among farmers which he has done effectively since his connection with the F. S. E.

J. H. CONNELL, Stillwater, Okla.
Mr. Connell is president of Oklahoma Agricultural and Mechanical College. In his letter of acceptance he said: "I shall be pleased to co-operate with the Farmers Society of Equity movement. The cotton crop of this and other southern states is now being sacrificed on a manipulated market under the control of the bears of the cotton exchanges and the spinners, and we may expect nothing but low prices in our present unorganized condition."

J. A. SHELLAND, R. R. 2, Worcester, N. Y.
Mr. Shelland is at present representing his town on the board of supervisors and has done so for fifteen years. He is the president of Decatur local union, F. S. E., and enthusiastic for the advancement of the society. An up-to-date farmer and large property holder.

For Treasurer

THE UNION NATIONAL BANK, Indianapolis, Ind.

For National Organizer

H. B. SHERMAN, Greensburg, Ind.
Mr. Sherman is the present national organizer.

BERT HAYS, Grand Rapids, Mich.
Mr. Hays is a successful general organizer in Michigan.

JAMES E. BAXTER, Ft. Plains, N. Y.
Mr. Baxter has been a successful organizer of the F. S. E. for three years. During that time he has not only accomplished very complete organization in his territory, but he had directed the local unions in marketing through the Equity System to the great advantage of the members.

For Directors

C. W. PECKHAM, Haven, Kas.
Mr. Peckham was one of the incorporators of the Farmers Society of Equity in 1908. He is a large land holder in Kansas and has other large interests. Always has been an enthusiastic advocate of organization of the farmer, firmly believes in the F. S. E. plan and more, he has probably done as much as any man in Kansas to extend the education and organization.

S. W. WILBER, Worcester, N. Y.
Mr. Wilber is president of the South Hill local union of the F. S. E. He is a first-class farmer and a business man of such attainments that he has come to be an authority and leader in agricultural matters in his community. Well-to-do in worldly goods, a man of high character and an enthusiast for the F. S. E.

TOM BOLT, Muskegon, Mich.
Mr. Bolt is a member of the Michigan legislature, sent from one of the finest agricultural districts in Michigan. He is a staunch friend of the farmers and the nomination says: "Elect Mr. Bolt and he will be a safe advisor in the councils of the society and a power to attract and compel members to the organization in the field.

JOHN KREISER, Kingsley, Mich.
Mr. Kreiser is a member of Kingsley local union. From the letter nominating him we quote: "We do not believe there is a farmer in the State of Michigan that will serve the farmers better, if elected a director of the F. S. E., than Mr. Kreiser will. He is honest, has a good reputation and is well-to-do."

ROBERT STEVENSON, Lebanon, Ind.
Mr. Stevenson is secretary of Lebanon local union, F. S. E. He operates a large farm near the city of Lebanon, is a leader in his community and is always in the van in any good movement for the improvement and upbuilding of his chosen profession and the uplift of farmers.

GUY ROBERTSON, Gresham, Ore.
Mr. Robertson is a member of Orient local union, F. S. E. (The papers making the nomination said: "Further particulars will follow this"). Mr. Robertson is the nominee of the Gresham and Orient local unions.

JACOB H. BRETZ, Bretzville, Ind.
Mr. Bretz is secretary of Bretzville local union, F. S. E. A German farmer and a member of the society since its beginning. His is one of the first unions organized.

S. W. MORRIS, Rochester, Minn.
Mr. Morris was one of the incorporators of the Society in 1908 and has been a director ever since. He has never failed to attend a directors' meeting when called, or the national conventions. He is a successful farmer under the old conditions, but is always working for more certainty in the farmers' business and more equity in their business relations with others.

GEO. G. WINANS, Hamburg, Mich.
Mr. Winans served the society as state organizer for Michigan in 1909. He has been one of the leaders in that state from the beginning of the organization. He is a farmer and stock raiser on an extensive scale.

G. H. KINCAID, Gadsden, Ind.
Mr. Kincaid is secretary of Gadsden local union, F. S. E. He is one of the leading farmers in one of the best agricultural districts of Indiana, and has met with more than the usual success under bad conditions. He is an earnest worker in the F. S. E.

INSTRUCTIONS

Vote for one candidate for each office of President, Vice-President, Treasurer and National Organizer. Vote for seven directors.

Each member is entitled to vote. In local unions the secretary must report the number of votes cast for each candidate. Members at large will send their votes direct to head quarters—Farmers Society of Equity, Indianapolis. The ballots will be counted when the national convention meets, December 12th, and the candidates having the greatest number of votes will be declared elected.

It is important that every member should vote for National Officers, and that everyone, who can possibly do so, attend the convention.

BALLOT

This ballot is cast by (Name of member or name of Local Union) .....

.....

Address .....

	No. of Votes	
For President		
For Vice-President		
Treasurer		
National Organizer		
Directors:		
1.		
2.		
3.		
4.		
5.		
6.		
7.		

To Introduce Our Big New **Wonder Telescope Only $1.00**



This is a special advertising offer made to introduce our new "Wonder" telescope into every home. Every man, woman and child will get pleasure and profit from one of these big telescopes. Heretofore telescopes of this size have sold for $5 to $8. This is an opportunity that seldom comes to get a really first class guaranteed instrument for a mere trifle of cost. Just think only $1.00. You can't beat it.


A Kansas Farmer Counting Stock Twenty Miles Away

Positively such a good telescope never sold for this price before. These telescopes are made by one of the largest manufacturers of Europe. **It measures closed 12 inches and opens out 3½ feet long,** in five sections, circumference 6 inches. They are brass-bound, brass safety cap on each end to exclude the dust, etc., with powerful lenses, scientifically ground and adjusted. Guaranteed by the maker. No farmer should be without one. Objects miles away are brought to view with astonishing clearness.

The "Wonder" Telescope can also be used as a microscope. Complete instructions on the use and care of telescopes with each order. Anyone can use it. Nothing more interesting.

Barrels of Fun Entertaining Your Friends Day or Night

See the stars and moon. Study objects at a distance. Each instrument guaranteed to please or your money will be refunded.

Don't take our word for it. Read the unsolicited testimonials. Write these people if you want to. Thousands have been sold and thousands are surprised and delighted.

I wish all to know how satisfactory the "Wonder" Telescope is. Our farm is on the highest point in the surrounding country. From our place we can see with the aid of the Telescope over into the Kansas Indian Reservation nearly 20 miles, count the cattle and tell a horse from a cow; can see a large ranch 17 miles east that cannot be seen with the naked eye; can see the color and count windows with the Telescope.—F. G. Patton, Arkansas City, Kan.

Received telescope last Friday. It is a dandy and I am well pleased with it. I can easily see 10 miles with it.—W. E. Dickerson, Jr., Chatham, Mass.

I received the telescope alright. It is just as you advertised.—George H. Burton, Waterville, N. Y.

I received the telescope sent me and thank you ever so much. I was very much pleased with it.—M. Mannel Gabriel, Paanilo, Hawaii.

Enclosed find remittance for two more telescopes. These are for two different parties. I showed them mine and they were so taken with it that they wanted one. I am well pleased with it.—J. F. Powell, McCune, Kans.

My neighbors are worrying me to death to get one like it.—Jas. W. Raines, Sedalia, Mo.

Looked at Price Mountain which is 20 miles from here and could see birds flying around it. My friends want to buy.—Merrill Ellis, Griffin, Ga.

It is far beyond expectations and exactly as you represented. I made light of your ad at first but am glad now I sent for telescope. I wouldn't take $5.00 for it if I couldn't get another—.O. G. Folk, Elk Lick, Pa.

It certainly is the greatest magnifier I ever saw for $1.00. Live two miles from the city and can almost read the time on the church clock. Have some young cattle in pasture ½ mile away and now can save many a walk over there.—Andrew N. Verhalen, Burlington, Wis.

I am well pleased with my telescope. It is really finer than I expected.—Bruce H. Beem, Spencer, Ind.

It is a dandy and all you claimed for it.—Carl A. Erickson, Arpin, Wis.

I am thoroughly satisfied with the telescope. I am proud to own it.—Arthur Prange, Lunridge, Wis.

I think it is wonderful value for the price.—C. W. Nelson, New Denver, B. C.

I can say every time it is worth $10.00 to me. I can see cattle at 15 miles and can see a nickel at 600 yards.—Tervis S. Sepeda, Morgan Hill, Calif.

It is certainly a wonder. I am very much pleased.—Victor Parochini, Oakley, Calif.

Worth more than I paid.—Earl Sheaffer, New Bloomfield, Pa.

I did not expect to get one like it. My friends are pleased.—Michael Wessman, Jr., Blue Island, Ill.

Worth the money I paid and more.—Otto Louneborne, Hettick, Ill.

Telescope finest thing I ever had.—Chester Honsen, Meriden, Ga.

Thoroughly satisfied. I could not miss it now.—Arthur Prange, Tuneridge, Wis.

It is just what you recommended it to be.—Chas. W. Bloom, Olanta, Pa.

No matter what you think about the price, you will be surprised with the "Wonder" Telescope; everybody is.

Guaranteed to Please You or Your Money Back

You are the judge. Send today and be first in your neighborhood. We have a money making proposition for you besides. You can make $30 a week selling them. You can't invest $1.00 better. This paper guarantees its advertisers; over 5,000 of its readers already have a "Wonder" Telescope. We want to introduce it to 5,000 more.

For Birthdays Nothing better for the boys and girls or for grownups for a Birthday present. Best $1.00 present in the world.

Price The most wonderful part of our offer is the price of the "Wonder" Telescope. Now only $1.00 each. Send 10c extra for ordinary postage, or 20c extra for insured mail and we guarantee safe delivery. Don't put it off. Order now.

PEOPLES WHOLESALE STORE, Dept. E, INDIANAPOLIS, IND.

SIGN, CUT OUT AND MAIL COUPON TODAY.
This offer may not appear again—send your order today

.....

PEOPLES WHOLESALE STORE, Dept. E, Indianapolis, Ind.
Enclosed find $..... for which send me one "Wonder" Telescope as per your advertisement. If not satisfactory I will return the telescope and you agree to refund the money sent.

Name .....

Address .....

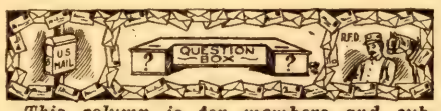
Convention Headquarters

People coming to the National Convention of the Farmers Society of Equity, which begins in Indianapolis, on December 12, and who desire to stop at a public house are recommended to the Lorraine Hotel. This hotel is at the corner of Washington street and Capitol avenue. It is only four blocks from the union depot and two blocks from the union interurban station. Headquarters of the Society is on the second floor at 227 West Washington street, only one-half block from the hotel mentioned.

ORGANIZERS SHOULD ATTEND THE NATIONAL CONVENTION

There are about three hundred commissioned organizers for the Farmers Society of Equity. All of them, we assume, are fired with a purpose to organize their respective territories to establish better conditions for farmers and incidentally to make the work profitable to themselves. This latter is as worthy a motive as the former. Many of them are getting good results, but there are many who have not secured the results we mutually hoped for and which they should. It will be time and money well invested for every organizer to come to the national convention. The unsuccessful organizer, or the one who seeks greater success, can be instructed. By hearing how others organize will be an education that would take months and perhaps many failures to acquire in the field.

Following the convention the rate of development of the Society much hultiply. As this depends on the organizers we naturally want them to be as well qualified as possible. So, if at all possible, come to the convention.



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *At our last meeting the matter of a cheese factory was discussed further and itlooks now as if our union will have a factory of its own the coming season. We would like to have an estimate of the cost of material and building. Please let us know to whom we can apply.—Chas. D. Millson, Secy. East Hill Local Union, New York.*

ANSWER: Write to Gordon-Van Tine Company, Davenport, Ia., giving as explicit explanation of what you need as is possible. They will give you an estimate of material and help you with the plans, etc.

Q. *I have a quantity of beans to ship. Should they be put loose in a box car or should they be put in bags. .Also, what can you say about the price now, that can be realized through the Equity System?—Carroll Culbertson, St. Joseph County, Mich.*

A. Do not ship beans in bulk. Put them in cotton bags. A medium weight bag will be all right. Beans are bringing $2.45 to $2.70 per bushel in the Equity markets, depending on the quality. There is a good demand for beans in Indianapolis, and since you have direct railroad connections with this city, we recommend shipping to this market.

Q. *I am in the rice-growing district of Arkansas. We can sell rice now at 90 cents per bushel, but we ought to have one dollar per bushel or more. Please let us know whether the Farmers Society of Equity can assist us in marketing rice to secure more money.—Homer Denison, Arkansas County, Ark.*

A. The Farmers Society of Equity representatives will get you the highest market price on the final market for your rice. However, the growers ought to get together and sell their rice direct to large retail stores or to consumers direct. The price you get is 1 1-2 cents a pound, against a retail price of around 10 cents a pound. We see rice advertised at $3.85 per 100 pounds. delivered to any customer in the United States "East of the Rocky Mountains." In fact, such an advertisement has been appearing in this paper for a long time. This may be a hint to other growers to connect with the consumer.

Q. *Please let me know where we can buy seed of the large white onions that are raised in Texas. Can the representatives of the Equity System supply the seed.—David Wright, Jefferson County, Ark.*

A. Write to the representtatives in Texas cities, who handle seed, and as found in our "Directory."

Q. *I received the literature of the Farmers Society of Equity and I want to say to you that I am more interested in this matter than it may appear to you on the surface. I believe the Farmers Society of Equity is a splendid thing, and I do hope the farmers will take hold of it and use it in the business end of their business. .I am ready to do my share to educate and organize the farmers. Therefore, please let me know how large a slice of California territory you will allot me to organize in.—E. B. Pratt, Stanislaaus County, Cal.*

A. We will give you reasonable territory to start with, and when you demonstrate your ability to organize we will give you all the territory that you can handle. We are very desirous of securing men of ability to become general organizers and supervise the work of sub-organizers. For such we have special terms.

Q. *Please let me know whether you can put an announcement of my campaign in a large display in our official paper and send such papers with the article marked, to names of people I will furnish you in my district. This would, of course, be to advertise the campaign.—E. H. Cornwall, Franklin County, O.*

A. The plan that you mention can not be carried out. To explain, if we would put such display announcement in any papers, it would need to run through the whole edition, according to a post office rule, which would not justify. If we would print a small edition for your special advertising, then we would need to mail the papers under postage stamps, which would be as expensive as a circular, or rather would cost two cents for each copy.

Q. 1. *Please let us know how county unions of the Farmers Society of Equity are supported. 2. What is the price of "Third Power" books.—Chas. E. Helphrey, Creek County, Okla.*

A. 1. The apportionment of the membership fees of the Farmers Society of Equity does not provide for any support for county unions, but it is provided that ten cents out of each annual dues paid shall go toward the support of a county union. This matter should come up at the national convention beginning December 12, and if possible, some way devised to provide a county union with some funds as soon as it is organized.

When a county is organized and marketing according to the complete Equity System, then a county union can be supported by a small sum added to the price of crops, that is, a fair and equitable price will be set upon the crops, and then enough added to that to support and meet the expenses of the marketing system.

2. The price of "The Third Power" is 25 cents by mail, postpaid, and 15 cents each in quantities of twenty-five or more, to be sent by freight or express, at purchaser's expense for transportation.

Q. *I write for information for our local union. We thought that we could buy co-operatively through our Society as well as sell co-operatively, but it seems that such is not the case. For instance, we want to buy a carload of feed and we wrote to the Equity System representative at Binghamton, but we were informed that he could not quote us prices on a carload of feed, because there was a dealer in our town that handled his product. We want to buy direct from the mill and save the jobber's profit. Please let us hear from headquarters on this question.—A. L. Sathout, Secy. Otsego County, N. Y.*

A. Write to other millers and manufacturer's of feeds in the "Directory." There are several of them both in New York and Pennsylvania convenient to you. You can easily find one that will sell to you direct.

P. S.

Remember that every farmer is invited and urged to attend the F. S. E. Convention in Indianapolis, Dec. 12, 1911. If you want to improve agricultural conditions for yourself and all other farmers, come! There is much business to attend to and we will all work together for results!

Come and bring a neighbor. A hearty "Howdy" awaits you.

Smoke of Herbs Cures Catarrh.

A Simple, Safe, Reliable Way and It Costs Nothing to Try.

This preparation of herbs, leaves, flowers and berries (containing no tobacco or habit-forming drugs) is either smoked in an ordinary clean pipe or smoking tube, and by drawing the medicated smoke into the mouth and sending it out through the nostrils in a perfectly natural way, the worst case of Catarrh can be eradicated.

It is not unpleasant to use, and at the same time it is entirely harmless, and can be used by man, woman or child.

Just as Catarrh is contracted by breathing cold or dust and germ-laden air, just so this balmly antiseptic smoking remedy goes to all the affected parts of the air passages of the head, nose, throat and lungs. It can readily be seen why the ordinary treatments, such as sprays, ointments, salves, liquid or tablet medicines fail —they do not and can not reach all the affected parts.

If you have catarrh of the nose, throat or lungs, choking, stopped-up feeling, colds, catarrhal headaches; if you are given to hawking and spitting, this simple yet scientific treatment should cure you.

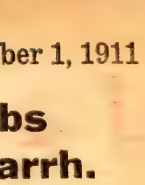
An illustrated book which goes thoroughly into the whole question of the cause, cure and prevention of catarrh will, upon request, be sent you by Dr. J. W. Blosser, 106 Walton street, Atlanta, Ga.

He will, also, mail you five days' free treatment. You will at once see that it is a wonderful remedy, and as it only costs one dollar for the regular treatment, it is within the reach of everyone—simply send your name and address and the booklet and free trial package will be mailed to you immediately.

SCIENTIFIC RUPTURE CURE

Don't Wear a Common Truss or Appliance

Dr. Appley's Scientific appliances — movable pads conform to every kind of rupture, no matter how severe. No under straps, springs or other annoying features. Worn with same comfort as an old pair of shoes. Sold under an iron-clad guarantee. Reasonable price. Sent on trial. Booklet free.



APPLEY TRUSS CO.
76 Pearl St. Grand Rapids, Michigan

CANCER TREATED successfully without operating. My cures guaranteed. Send today for FREE BOOK
DR. OSCAR JONES
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TAPE-WORM EXPELLED WITH HEAD. FREE BOOKLET. BYRON FIELD & CO. 120 So. STATE St. CHICAGO, ILL.



EASY TO EARN—Your choice of 150 premiums for selling our **Keystone Easy-to-Thread Best Quality GOLD EYE NEEDLES** at 5c a package. With every two packages we give **FREE** a **Silver Aluminum Thimble.** Send name and address. We send, postpaid, 24 needle packages and 12 thimbles with **LARGE PREMIUM BOOK.** When sold send us the $1.20 and receive premium entitled to, selected from premium list. Extra present **FREE** if ordered today. A post card will do. Address
Keystone Novelty Co., Box 646 Greenville, Pa.

Magazine Bargains

Look over this list before subscribing to any magazine. We can supply you with a combination that can't be duplicated.

Up-to-Date Farming, 2 yrs.
Farm Journal, 2 yrs. } **50c**

Up-to-Date Farming, 1 yr.
Farm Journal, 2 yrs.
Woman's World, 1 yr. } **50c**

UP-TO-DATE FARMING
Indianapolis, Ind.

BUSINESS EXCHANGE

This Department is Intended to Bring Buyers and Sellers Together at Moderate Cost

RATES—The Cost for Advertising Under This Head is 6c a Word Each Insertion

Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

Agents and Salesmen Wanted

SALESMAN WANTED to sell trees and plants. Highest commissions payable weekly. Write for free outfit. Perry Nurseries, Rochester, N. Y.

Auctioneer School

MISSOURI AUCTION SCHOOL, largest in world, Trenton, Mo., Kansas City, Mo.; Oklahoma, Okla.

Business Opportunities

START MAIL ORDER BUSINESS AT HOME—Become independent, we furnish everything, you pay out of profits. Write Secretary, Bowbeer Mfg. Co., 734 Monadnock, Chicago. 10c gets big book containing 500 illustrations, also complete working plans.

Farm Lands For Sale

BARGAINS in improved southern Michigan farms. See them before you buy. Write for my list. F. C. Stillson, Sturgis, Mich.

BOOK 1,000 FARMS for exchange. Get our fair plan for exchanging. Graham Bros. Eldorado, Kansas.

FOR SALE—160 acres, 100 in cultivation; $350 incumbrance. Price $10.00 per acre. J. W. Weber, Charleston, Okla.

GOOD STOCK AND GRAIN farm with improvements. Full particulars from owner. John B. Doyle, Alanthus, Va.

IF YOU WANT fruit, truck, grain or stock farms in fine, healthy climate, with good schools, churches and markets, large tracts of unimproved farm lands $3 to $30 per acre, write stating your wants. Seals & Morris, McEwen, Tenn.

ISABELLA COUNTY, MICHIGAN, in the center of State. Fine farms near selling at $50 to $100 per acre. We have 2,000 acres of land to close out, only $12 to $15 per acre. $50 down, $10 per month on any 40 acres; send for circular. Vandercook & Skidmore, 30 N. LaSalle St., Chicago.

OWN A 40-ACRE FARM,and pay for it like rent. Rich, level, fertile soil in Southeastern Arkansas. Good towns and railroads surrounding. Only a few can be accomodated. Write for free pamphlet today. The Kinnear Co., Indianapolis, Ind.

Farms Wanted

FARM WANTED—We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

SELL YOUR PROPERTY quickly for cash, no matter where located; particulars free. Real Estate Salesman Co., Dept. 6, Lincoln, Neb.

TO SELL your property write Northwestern Business Agency, Minneapolis.

For Sale—Tobacco

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

Help Wanted—Male

500 MEN 20 TO 40 years old wanted at once for electric railway motormen and conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Box 35, care of Up-to-Date Farming.

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A-839. No obligation. Earl Hopkins, Washington, D. C.

GOVERNMENT WANTS EMPLOYEES—10,000 appointments coming. Excellent salaries. Vacations. Write for list of positions open. Franklin Institute, Dept. R 27., Rochester, N. Y.

LOCAL REPRESENTATIVE WANTED—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L511, Marden Building, Washington, D. C.

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PATENTS THAT PROTECT AND PAY. Advice and books free. Rates reasonable. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.

Rice for Sale

RICE, NEW CROP, 100 lbs. Freight prepaid your station, $3.50 to $5.00. Free samples. Beaumont Rice Exchange. Box 765, Dept. 14, Beaumont, Tex.

RICE—New crop, 100 pounds beautiful, clean, white table rice, in double sacks; freight prepaid to your railroad station for $3.85. J. E. Cabaniss, Rice Farmer, Box 26, Katy, Tex.

Thoroughbred Live Stock

JOHN A. IRION, Gallipolis, O., breeder of Red Polled cattle, Chester White and Poland China hogs. Write for prices on what you want.

UP-TO-DATE FARMING, INDIANAPOLIS

223 Christmas and New Year Novelties FREE

A Complete Christmas Outfit Consisting of Christmas and New Year Post Cards, Tags, Enclosure Cards, Stamps and Seals. A Magnificent Array of Beautiful and Attractive Christmas and New Year Greeting Novelties

You are expected to remember your friends and loved ones at Christmas time with some token of your affection and good will, either with a present or simply by sending a beautiful Christmas Post Card. If it be a present it is customary to do the package up in the most attractive manner, decorating them with holly, seals, etc., so the package when received, will convey the tender thoughts and loving care you took when doing it up, and at the same time give forth the spirit of the Christmas season.



In offering this appropriate assortment of Christmas Novelties consisting of Beautiful Christmas and New Year Post Cards, enclosure cards, seals, stamps, and tags, we have surpassed all previous efforts in giving our friends and readers a Christmas Box of unsurpassed beauty and utility. It is the greatest Christmas combination over gotten together. It is a grand opportunity for securing a beautiful collection of Christmas and New Year Novelties.

The accompanying illustrations but faintly convey the beauty of designs, daintiness and exquisite finish of these post cards and novelties. They are newly designed, a vast improvement over those of former years. Every one new. Lithographed in many colors and gold, heavily embossed with chaste and elegant borders. They represent the highest standard of quality possible to produce. They are embellished with holly, poinsettia, and other decorations symbolical of the holiday season. If you wish to mail some inexpensive remembrances at holiday time, and you do not care to send so expensive a thing as a present, you will find these Christmas Cards and Novelties just the thing.

CHRISTMAS SEALS are used for many purposes, but principally for sealing Christmas packages. They make any package more attractive and pretty to the eye. They are used for sealing envelopes and invitations at the Christmas season.

CHRISTMAS STAMPS are about the size of a postage stamp, gummed, ready for use. Just the thing for decorating your letters, greetings, checks or presents at Christmas time.

CHRISTMAS ENCLOSURE CARDS are used for enclosing in your Christmas package with your name written thereon for the purpose of identifying the sender. These cards are about the size of the usual calling cards.

CHRISTMAS TAGS. You can tie these on your Christmas packages as you would an ordinary tag, but they are decidedly more decorative and appropriate.

How to Get These 223 Christmas Novelties FREE

15 CHRISTMAS CARDS GIVEN AWAY

If you want this superb box of 223 Christmas Novelties, and I am sure you do, send me 5 cents (if stamps 6 cents), to help pay postage, etc., with the coupon below and I will send you 15 beautiful Christmas and New Years Cards by return mail. With the 15 Beautiful Post Cards I will send you my great FREE OFFER how to get this Mammoth Collection of 223 Christmas Novelties.

Warning--- Don't Delay!



You want this Mammoth Christmas and New Year Surprise Box of 223 Novelties at the earliest possible moment. Don't delay in sending for 15 sample post cards as the mails will soon be congested and unreliable for quick service. Do this now while there is plenty of time. Read my offer again then act.

J. A. EVERITT, Editor Up-to-Date Farming

INDIANAPOLIS, IND.

J. A. EVERITT, Editor
UP-TO-DATE FARMING
Indianapolis, Ind.

DEAR SIR: Please find enclosed 5c (if stamps 6 cents), for which send me 15 sample Christmas Cards. I agree to show these cards to four of my friends and to do my best to get up a club of subscribers and earn your Mammoth Christmas Box of 223 Christmas Novelties. It is my understanding that these cards belong to me whether or no I am fortunate in getting up a club, but I promise you I will do my best.

My name is .....

R. F. D. or Street Address .....

Town ..... State .....

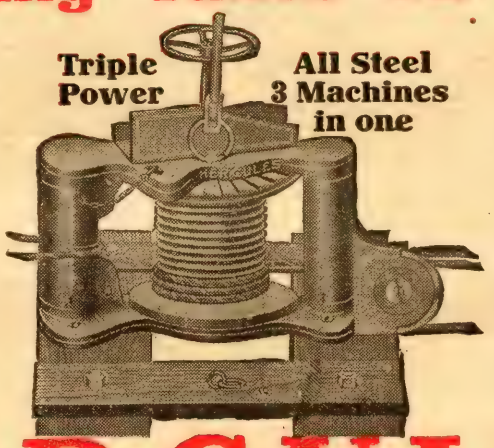
This Offer is not Good Outside of the United States



Isn't It Time
You Quit Paying Taxes on Stump Land?

It doesn't take very close figuring to show that unproductive land will soon eat itself up in taxes. And what is stump land if it is not unproductive? Certainly you can raise a little something in between the stumps—that's the way the Indians farmed; they also cultivated their crops with a stick—but figure out how much you could raise if the stumps were out.

If the land is worth anything in the first place, there is not an acre of stump land in the United States that won't be worth twice as much after the stumps are pulled. You know that's true, just as well as I do. You know it's an absolute waste to let stumps occupy good, fertile land ready to produce bumper crops as soon as the stumps are out.



The question, then, is not a question of whether or not the land should be cleared of stumps; it's a question of how best to clear it. Study the pictures above—they are all reproduced from actual photographs; they answer the question of how best to clear stumpy land. They are pictures sent to me by owners of Hercules Triple Power All Steel Stump Pullers. They show the Hercules pulling stumps, little stumps, green stumps, and old stumps—pulling them out roots and all. One of them shows the Hercules moving a house just as easy as it pulls stumps. I can show you dozens of photographs like these—I have hundreds of letters from men who use the

HERCULES
TRIPLE POWER ALL STEEL STUMP PULLER

I'll send you copies of these photographs and letters if you want them; or better still, I'll send you a Hercules and let you try it on your own place 30 days free; and if it don't pull the biggest stump you own, send it back at my expense and get your money. That's one of my square deal offers; here is another one; I'm going to give you the chance to buy one of

5,000 Hercules at a Special Price

Now let me tell you why I'm making you this second offer. I built the first Hercules Triple Power All Steel Stump Puller years ago in a rented factory. Today, I'm turning out 50 Hercules Triple Power All Steel Stump Pullers daily from my own factory. Now I'm going to make up a lot of 5,000 machines. We've already bought material and no matter how high steel goes, we can still maintain the low price. But this low price is going to sell these 5,000 Hercules machines quick, so get your postal in at once for all the facts.

I'm going to sell these 5,000 machines to 5,000 influential men throughout the country, knowing from past experience that every Hercules machine that goes into a new neighborhood sells several more Hercules machines in that same neighborhood. A man who owns stump land can't see a Hercules at work without wanting one. Now if you want to be the first man in your neighborhood to own a Hercules, here is your chance to get one at a price that will enable you to keep over $100.00 of the cost in your pocket. There are no strings to this offer—no comebacks—merely a straight proposition from one square man to another.

I want you to accept this offer; I want you to give a Hercules

30 Days' Free Trial

I want you to bear in mind that the Hercules is the only Triple Power All Steel Stump Puller made, that it can be changed from triple to double or single power in a moment's time without trouble; that it is the only stump puller having all working parts machined and finished to reduce friction—hence the lightest draft machine. I want you to remember that the Hercules is 60% lighter and 400% stronger than cast iron or the so called semi-steel or new process steel which are catchy phrases now-a-days used to describe cast iron pullers; that you can clear almost 3 acres without moving the machine; that the double safety ratchets absolutely prevent accident to the men or team; that the Hercules is guaranteed against breakage for 3 years—whether it s your fault or the fault of the machine—broken parts are replaced free. And above all, remember my special price offer—be one of the men who will save over $100 on a Hercules. Send the coupon today, at once, for my valuable booklet telling you all about the Hercules and the formation of stumps and what kind of crops are best to raise a new virgin soil where stumps have been. Send the coupon now, to me, personally and get all of the money-saving, money-making facts I'm waiting to send you.

B. A. FULLER, President

Hercules Manufacturing Company

460 17th Street, Centerville, Iowa, U. S. A.

HALF PRICE OFFER COUPON

Mr. B. A. Fuller, President, Hercules Manufacturing Co., 460 17th St., Centerville, Iowa

Dear Sir: — Please send me free book about the Hercules Triple Power All Steel Stump Puller. Also your low price to first purchasers.

Name .....

Town .....

State..... Route No. .....

TO THE READER *If this paper is new to you, don't toss it aside, believing it is one of the many trashy sheets in circulation. Read this copy. You will find it carefully edited and just the paper you have always needed.*

Up-to-Date Farming

OUR MOTTO:
FARMERS TO THE FRONT
OUR OBJECT:
EQUITABLE PRICES FOR ALL PRODUCTS
OUR PLAN:
DIRECTED MARKETING

OFFICIAL PAPER OF THE FARMERS SOCIETY OF EQUITY

Volume XIV **DECEMBER 15, 1911** **Number 24**

1911		December				1911
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
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Up-to-Date Farming

PUBLISHED TWICE A MONTH

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J. A. EVERITT.....Editor
JOHN P. STELLE...Associate Editor

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RATES will be quoted on application. Only reliable advertisers are admitted to our columns, and we guarantee that they will deal honestly with subscribers. Should they not, we will make good any loss to paid-in-advance subscribers. It is understood that this guarantee is not binding on the publisher unless UP-TO-DATE FARMING is mentioned when you write and you report any dissatisfaction within a month of the date of the paper.



THE FARMER AT SEA

(See Page 6)

THERE IS NO OTHER PAPER LIKE THIS IN THE WORLD

It is the paper that gets right prices for farmer's crops. Send 50 cents and get it two full years. Each number is worth more than this price.

400 PAPERS TEACH PRODUCTION; THIS ONE ALONE MARKETING

FREE TO GIRLS This Beautiful Sleeping and Talking DOLL

I Want Every Little Girl in the Land to Have One of These Wonderful "Mama" and "Papa" Talking Dolls. Take Advantage of This Offer Promptly and YOU Can Have One Within a Very Few Days

What is home to the little girl without a doll? No matter how many dolls she now has, she always wants more. I want all of my little friends to have one, and I have prepared an easy way by which they can all have one FREE.

To all my little girl friends who get the Talking Doll and will send for it promptly, I will give as an extra prize the large "life size" Baby Doll illustrated below. So by taking advantage of this offer promptly you can have two dolls instead of only one.



Act Today and Get Extra Prize

"Mama" and "Papa" Talking Doll

The stylish dress combined with a handsome face and long, natural curls, makes this doll very dear to its possessor. A sleeping and speaking doll, will say "Papa" and "Mama." The prettiest, daintiest, sweetest lace-dressed doll you ever saw. Lace trimmed gown and hat, fancy hose and low shoes. Her handsome costume is finished with the latest fancy trimming, dressed complete. This doll can not fail to interest the young girls, for it will prove to be a source of great joy and pleasure. What a joyful welcome the little girl gives a doll like this. It gives her unbounded pleasure. It is a delightful surprise to receive such a beautifully dressed doll. There is everything which tends to endear it to the heart of its owner, from a pleasing face to a daintily colored gown and hat. No plaything can take the place of a doll in the small girl's opinion. It will afford her endless amusement.

WILL MAKE YOU PERFECTLY HAPPY

In every way this beautiful doll will please, satisfy and make happy the fortunate possessor. This doll is manufactured for us abroad, in the country where all the best dolls are made. We have gone to considerable trouble and expense in order to secure this beautiful doll. But we count this as nothing against the pleasure we know this doll will give to the little ones, and we want every little girl to have one.

HOW YOU CAN GET THIS DOLL FREE

Don't send any money. All you need to do is to send us your name and address today on a postal card, or use the coupon below, and say you want a "Mama" and "Papa" Talking Doll FREE, and we will send you our great 25c Combination Offer, including eight packages of very beautiful post cards for eight of your friends. You should write us today.

The Extra Prize for Acting PROMPTLY

We are going to give as an Extra Prize for promptness the large, 26-inch doll to the right. You want this extra prize sure, so be prompt and send me your name and address today on a postal card and say, "I want a 'Mama' and 'Papa' Doll," or use the coupon below. This extra prize is given for promptness, so you must be quick.

This extra prize for promptness is as large as a big, fat baby, wonderfully pretty with a dimple in her chin, and can wear baby's clothes. This dolly is something like the doll your grandmother used to play with, but this one would open grandmother's eyes, for the doll of her day wasn't nearly so big, nor had she golden hair, pretty cheeks, rosy lips, nor dainty stockings with pretty buckle shoes, as this one has.



As Big As a REAL BABY

This is the Doll We Give for Promptness

TWO BEAUTIFUL DOLLS INSTEAD OF ONE

You can have both of these dolls instead of one. When I send you the dainty Miss in all her finery, I will send you the Big Doll which can wear baby's clothes, as an extra prize in the same package. But to get both you will have to be quick, as Christmas will soon be here, and there is no time to be lost. Wouldn't you just love to own both of these dolls to hug and kiss and call them your very own.

They will make you love them just as soon as you see them, and your little girl friends will love and admire them just as much as you do.

DOLLS DELIVERED FREE

Remember, we deliver these dolls right at your own door, free. We pay all the postage on everything. All this doll is going to cost you is a postal card saying you want this "Mama" and "Papa" Doll, and a little favor to us.

So don't delay in writing us. Be sure to send your name and address today, and say you want a "Mama" and "Papa" Talking Doll Free. If you will do this it will be only a question of a few days until you have both of these wonderful Dolls.

SEND THIS COUPON TODAY

UP-TO-DATE FARMING
Dept 106, Indianapolis, Ind.

COUPON

Gentlemen: I want a "Mama" and "Papa" Talking Doll. Please send me, postpaid, your great offer, including the eight packages of post cards for my friends. I also want the extra prize. (Write perfectly plain. Make every letter distinct.)

My Name is .....

Rural Route ..... Postoffice .....

Street ..... State .....

Address UP-TO-DATE FARMING, Dept. 105, Indianapolis, Indiana.

UP-TO-DATE FARMING

The Only Farm Paper That Teaches Practical Cooperation For Farmers.

PUBLISHED TWICE A MONTH
EQUITY PUBLISHING COMPANY (Inc)
227 WEST WASHINGTON STREET

Entered at the Indianapolis, Indiana Postoffice as second-class matter, under the Act of Congress of March 3, 1879.

Volume XIV | INDIANAPOLIS, INDIANA, DECEMBER 15, 1911 | Number 24

EDITORIAL

A Paper With a Mission and a Special Mission---Our New Year Appeal

UP-TO-DATE Farming is a sincere and earnest advocate of the very best farming. We wish every cultivated acre to produce to its utmost capacity, and we desire it to be so managed that it will make such a yield without imparing its ability to make similar yields the next year, and the next, and so on indefinitely. In other words, we wish the management to be such that each year will be restored to the land as much fertility as the preceding crop required to make it do its best. This is what we call up-to-date farming, and it is the earnest study of all connected with this publication, to do all in their power to aid farmers to accomplish those very things.

In live stock and poultry, too, we want the very best, and we make just as earnest and untiring effort to assist farmers and stockmen and poultry raisers to have the best without extra expense. Our facilities for thus helping them are unquestioned. We are able to draw freely upon the knowledge and experience of the most successful breeders, who are always glad to help those whose ambition is to do better and climb higher. And so are we. That is one reason why we are today engaged in the strenuous effort required to publish such a paper as Up-to-Date Farming.

But, above all, we want farmers and stockmen and poultry raisers and truckers and gardeners to get fair and equitable prices for what they produce or grow. That is our SPECIAL MISSION, and our earnest desire for justice and equality impels us to work for it. It is a goal that is constantly before us, and that we are determined to reach.

We go beyond the production of crops and the raising of stock and poultry, and secure for farmers the same rights in their business that all other classes exercise in theirs. There is neither justice nor equality in the present system of marketing. The Magna Carta, wrung from the grasp of Kings, the ancient Bill of Rights, designed to give all men equal privileges, our own Constitution and the common rights of property ownership, are all violated or ignored when the buyer may arbitrarily put a price upon the property of the seller and create conditions that compel him to accept it and give up the property. No man can be said to own anything that another may price and take.

But that was exactly the business condition of farming when Up-to-Date Farming first set out to accomplish its **Special Mission**, and it had been that way so long that the world regarded it is a common feature of trade, and farmers had been taught to look upon it as the natural relation of production to marketing.

It is no such thing. It is not just. It is not reasonable. It is not equitable; and it debases agriculture, the calling God himself ordered and provided for, and it places farming at a disadvantage compared with every other industry or business, and makes the farmer dependent for his income upon those who have the power to send him away empty handed while they



pocket the profits he has laboriously dug from the earth.

The SPECIAL MISSION of this paper is to reverse this inequality in trade and the good accomplished already borders on the miraculous. Not another industry on earth would accept the system of marketing that had been forced upon the farmers. Not another industry could accept it and continue in business.

We teach a different system of marketing, not one that will give the farmers advantages over other people, but one that will make them equal to others who, like them, have commodities to sell.

And a change has come. When we first began to teach this doctrine several years ago our arguments were scarcely noticed; but as we put them forth with such vigor as to compel attention, certain classes were inclined to ridicule them, but the revelations we made were looked upon with amazement by reading and thinking farmers. Now these same views are meeting favor everywhere, and in many places the system is in successfor operation. It is coming everywhere.

Only justice, equality and equity. That is all we ask for. We want no undue advantages for agriculture; but farmers deserve the same rights in business that others exercise, and that is what we are determined they shall have.

A year is now closing. Its opportunities are gone. We feel that we have done our best, and that gratifying progress has been made. We are nearer the goal, fair treatment for the farmer in marketing, than we ever were before. Kind reader, how is it with you? Have you done your best? In production we are sure you have, held back only by the uncontrolable exigencies of nature. But how about the new and better system of marketing? Another year will soon open with equally great opportunities. We propose to relax no efforts. In fact, we are constantly increasing our facilities, and will push on to complete this great accomplishment with increased vigor.

Will you meet us fairly on the half way ground? If your subscription has expired, or is soon to expire, we ask you earnestly, but with all kindness, to renew. The small sum involved does not amount to much in the expenditures of this office, but the influence of your name on our list is worth far more than that. Besides, littles count if there are enough of them. Little rain drops help the plants to grow. Next, we want you to help us get other subscribers. Every club that comes is more than a drop in the bucket. It comes as a blessing, a mark of approval, and a source of encouragement. It makes us that many more friends, adds to the army that is fighting for Equity, and forwards the great movement. Please note the inducements we offer, and send us a club of new subscribers to begin with the new year. We know you can do it, and we express our appreciation in advance. Your neighbors will like the paper better and better as they read it, and they will like you better for having placed it in their hands.

Christmas Now and in Other Years

THE habits of people change as well as their condition and practices. There are those who will read this paper that remember when the people of a neighborhood gathered in groups the evening before Christmas, each provided with a gun or firearm of some sort, and spent most of the night visiting those in the neighborhood who were not in the group. They approached each home stealthily, the point being to arouse the family by a fusilade of Christmas guns. The visitors were then invited in to spend a mirthful hour and enjoy the treat that usually had been prepared in advance in anticipation of such a visit. The treat generally consisted of cakes, pies, apples, or other dainties. Sometimes, it must be confessed, intoxicating liquors figured in these treats. Should the party visited discover the approach of the visitors and fire the first gun, he had the visitors beaten, and the treat was on them; though hospitality usually waived the victory and furnished the treat all the same. The party visited then joined the group and proceeded to the next neighbor's.

Christmas is one of the most ancient religious festivals. In fact, it was originally a pagan festival, to which those converted to Christianity had been accustomed. The early church authorities, therefore, to give it a religious turn, adopted it as a representation of the Birth of Christ, and made it a season of "Peace on earth; good will to men." Hence it became a time for the exchange of loving tokens or gifts, the expressions of good will, and best wishes for future happiness and success. The practice of playing tricks on Christmas and doing wrong or harmful things that would not be done or tolerated at any other time, does not belong to that day at all, and should be discouraged. It is a day of "good will to men," and it should be specially marked with good deeds, things done to make others happy, to make lives brighter, and to build up and leave behind sweet and pleasant memories. The sordid cares of the world should be for the time forgotten in memory of God's great gift to the world, and that which elevates and makes better should have our best thoughts and efforts. Our heart is certainly full of good wishes for every reader of this paper, and we feel an abiding determination to do what we can to make our subscribers more successful and the people happier in every home it enters. Believe us, therefore, when we again wish you

A MERRY CHRISTMAS AND A HAPPY NEW YEAR.

The Cotton States Governors' Report

1911 cotton crop estimate, 15-, 000,000 bales.

Estimates of world's needs of American cotton, 13,739,916 bales.

Amount of apparent surplus, 1,260,084 bales.

If this surplus would have been held off of the market and the balance would have been marketed gradually, the actual needs would have been taken at thirteen cents, or $893,594,540.

But by the uncontrolled, disorganized dumping plan in vogue the crop is bringing the farmers a rate that will give them only $583,946,430, or a loss of $309,-648,110. This sum is enough to pay the membership fee of every grower of cotton to the Farmers Society of Equity and his dues to maintain the organization for more than two hundred years.

IN FORMER issues we had something to say about the Governors' Conference held at New Orleans, La., October 30 and 31. We have now received the official report and print it. We print it because it contains several facts that all cotton growers should know, the chief one being the estimate of American cotton needed by the several countries. This estimate, we believe, is approximately corect. It proves, if it proves anything: First, that controlled marketing with an agreed price in view, would compel the needy world to pay the farmers' price. Second, since the world needs a large crop, and since the great amount of agitation has influenced a great many growers to hold all or part of their crops for thirteen cents or higher, then it will follow that some time before the next crop is available this held cotton, or a large part of it, will be needed and the price it is held for must be paid. Also, there are millions of bales bought for speculation which are being held for thirteen cents or above. Now, if the actual world demand for American cotton, previous to September 1, next, will be 13,739,916 bales, and if the crop is 15,000,000 bales, then there is a surplus of only 1,260,084 bales. So, if 2,000,000 bales are being held by the growers and speculators for thirteen cents or over, then there will be a shortage of 739,916 bales of available cotton, and to get this the price must be paid.

But there is no doubt that the quantity being held for thirteen cents or above this price is greatly in excess of 2,000,000 bales. Probably half of the crop is still in the hands of the growers, who want more money, and of speculators who also want more money. If this is true, then when the year is half gone we may expect the demand will seek the part held for more money and it will be obliged to pay the holders' price. We make this illustration to encourage cotton growers who have not sold out at the low prices that have prevailed.

If we venture a prediction as to when better prices may be expected we will say that we look for it soon after the rush of cotton from the field to market is over. Cotton that was put aside on the farm, or in warehouses will only come out when higher prices are offered.

The Governors' report follows:

A meeting of the Governors and Commissioners of Agriculture of the cotton-producing States was held at New Orleans on Monday and Tuesday, October 30th and 31st, 1911, to consider the cotton situation, and especially the extraordinary conditions which will be hereinafter set out. Some time before this conference was called, Governor Colquitt, of Texas, desiring that the situation should be fully understood, requested Hon. P. C. Knox, Secretary of State of the United States, to ascertain from our consuls in foreign countries the demand for cotton for the year ending September 1st, 1912, which has been done, and the following table shows the demand, by countries and bales, for American cotton:

Japan	350,000	Germany .	1,756,800
United Sts.	4,696,000	G. Britian.	3,000,000
Antwerp ..	137,000	Russia ...	700,000
Canada ..	135,000	A.-Hungary	600,000
Italy	525,000	Mexico ...	15,000
France ...	1,130,000	China	50,000
Spain	320,000		
Switz'r'l'nd	45,000		13,739,916
Netherlands	110,000		

This estimate, we are informed, as far as foreign countries are concerned, is based on the actual demand for past years. But it must be remembered that the crop of 1910 did not fully supply the demand, and it is fair to assume that a larger quantity will certainly be used in the United States, and probably in foreign countries, during the years 1911-12.

In 1910 the price averaged 14.6 cents a pound and now is around nine cents, which of itself, even if the price shall advance, as we trust it will, to the figures of last year, will naturally bring about an increase in consumption.

Following the above statement, it must be remembered that, putting the crop of this year even at the current trade estimate of 14,500,000 bales, although the last government estimate based on quantity ginned and conditions then existing, is only 13,800,000 bales, the aggregate production for the years 1909, 1910 and 1911, is 1,600,000 bales less than the aggregate production for the years 1906, 1907 and 1908. During the last three years there has been an increase of population, and, therefore, of demand, and yet the crop of 1911, with an increase of 2,400,000 bales, on an estimate of 14,500,000 bales for 1911, is, at present prices, worth $350,000,000 less than the crop of 1910, and, as two-thirds of the crop is exported, the loss on foreign trade balance at present prices, will be about two hundred and ten millions of dollars. These facts, which can not be successfully disputed, show that there must either be a gross misunderstanding of the facts, or some powerful combination and manipulation which has taken advantage of hasty selling and early marketing to create a false impression which interferes, for the time, with the law of supply and demand, and which can not be maintained if the cotton planters shall decline to market their crops until a reasonable price, certainly at an advance over the cost of production, can be obtained.

In this connection we earnestly recommend to the planters in the Southern States to follow the example of Louisiana and so diversify their crops as to produce everything necessary for consumption on the farm, and let cotton be the surplus crop, even if the quantity raised shall be 25 percent, less than the present crop, as then they will get just as much in return for much less labor, than this year's crop will yield at present prices; will soon free themselves from debt and be in condition, without any financial aid, to sell their crops gradually, as the demand shall exist, and not market the work of a year in sixty or ninety days, as they have been accustomed to do.

We call upon our representatives in Congress to have the present Federal crop reporting system so amended as to require the periodical publication of reliable statistics of cotton consumption, manufacturing and trade information gathered from all cotton consuming countries, and we recommend, also, and for ourselves agree, that the Commissioners of Agriculture in the cotton States gather and publish like information, and we suggest to the Legislatures of the cotton States adequate appropriations to this end, and uniform legislation enabling the Agricultural Commissioners to act in concert and to constitute a bureau of cotton trade and cotton manufacturing information, to the end that, with the estimates of production which are now furnished by the Federal Government, there may also be estimates of demand and thus put the planter in position to fix a fair price for his product.

The members of the conference have been reliably informed that bulls on the cotton exchanges have been indicted in the United States courts, under the Sherman Act, for conspiring to buy cotton and advance the price, and if this be in accordance with the provisions of that Act, then we respectfully insist that the bears in the exchanges who conspire to sell cotton which they do not possess, with the expectation of a decline in price or for the purpose of affecting a decline, be likewise prosecuted.

A fair and comprehensive system of future trading is accepted by the commercial world as essential to the proper and advantageous movement and distribution of the crop; but, as the system has been in instances, operated, abuses have developed, and under certain rules and regulations, the value of the contract has been manipulated and depreciated to the detriment of legitimate traders therein and of the commodity itself. It is urgently recommended that Congress shall pass such laws as will abate abuses and regulate future contract trading in exchanges, to the end that it discharge its function as a trade utility, fair alike to both buyer and seller and to the commodity which is the subject of the future transactions.

(a) In order that the producer of cotton may be enabled to market his crop gradually and in such a manner as will realize for him the intrinsic value thereof, it is necessary that he have secure, adequate and inexpensive warehouse facilities for holding his cotton, and that the receipt issued therefor shall carry on its face such undisputed evidence of validity and solvency that it can be readily negotiated at low interest rates, not only in the locality of its issue, but in the commercial centers of the world. To realize these essential advantages to the maximum degree, it is necessary that a strong, stable and comprehensive warehousing system be established in each of the cotton-producing States and, in order that such system may not fall into the hands of private interests, which might utilize it to the detriment of the producer, a strong public power of control is advisable.

(b) It is therefore earnestly recommended that the several State governments shall take appropriate action to bring about such warehousing system, or systems, as will best serve the interests of the producers of cotton.

(c) In view of the apparent demand for cotton during the next twelve months, we recommend that the unsold cotton of the present crop be withdrawn from the market and disposed of by a system of gradual marketing. We urge bankers and business men to co-operate with farmers in this undertaking. We report to the farmers that tentative and attractive propositions have been made by responsible financial interests for purchasing some 2,000,000 bales of the present crop. This negotiation is referred, for development into practical form, to a committee named elsewhere in this address.

(d) A reduction of acreage in 1912 is urged as a necessary part of any plan of holding and financing the present crop. We recommend, and for ourselves agree, that the Governor of each cotton State proceed at once to appoint a representative in each county, who, in turn, will appoint a representative in each school district, or voting precinct, to secure from every farmer a binding written pledge to reduce his cotton acreage in 1912 twenty-five per cent. below his acreage in 1911. In this work the present farmers' organizations and neighborhood meetings can be used to great advantage and we urge that they be so employed.

Without discussing the merits of pending proposals for monetary reform, we recommend that in any legislation which Congress may enact for emergency currency based upon commercial paper underwritten by banks, provision be made for including the assets for such emergency currency, commercial paper representing transactions in cotton as well as transactions in cotton goods and other manufactured products.

(e) It is our firm opinion that by prompt and aggressive action under co-operation and organization, the cotton farmers and business men of the Southern States can speedily rescue the present crop from impending sacrifice and can restore the fair price which demonstrated demand warrants, and insure stable values from year to year. In pursuance of this purpose we invite the earnest endeavors of all good citizens, and we pledge the utmost of our official powers to obtain for the producers of cotton and all other crops, raw materials and commodities of the farm, the forest and the mine, a fair return upon investment and a fair reward for labor. We protest against the tendencies of economic thought and of political policies to sacrifice the welfare of the producer, who is the only creator of wealth, and whose comfort is the very base of the nation's prosperity.

We recommend that the Governors of the cotton States be constituted into a permanent organization who, from the standpoint of national interests, as well as those of the planters, shall deal with the cotton price problem from time to time, and that, for the purpose of executing these recommendations and devising such other plans as may be deemed expedient, an Executive Committee be appointed, composed of Gov. O. B. Colquitt, of Texas; Gov. Jared Y. Sanders, of Louisiana; Gov. Emmet O'Neal, of Alabama, and Gov. E. F. Noel, of Mississippi, and that they each appoint one citizen in business life to serve as members of this committee.

O. B. COLQUITT, Gov. of Texas,
Chairman of the Conference.
M. B. TREZEVANT,
Secretary of the Conference.

Editorial Comment

(ab) We do not agree with the recommendation that the warehouses shall be under the control of the States, but controlled completely by the farmers, and in their own organization.

(c) This recommendation is good except that part that refers to "responsible financial interests" to purchase. Any purchase of that kind would be for profit and the profit belongs to the grower. Organized farmers can hold their cotton while getting money advances on it, just as well as any other people can.

(d) We are opposed to this as long as it is not known that there is an actual surplus and this can not be known before about next September. Even if there is a surplus, the growers ought to hold it up to the time that it exceeds one fourth of a full crop. In this way stability of supply and prices can be maintained to the immense advantage of all parties legitimately concerned.

(e) Evidently the cotton farmers have not got an aggressive organization and the prompt movement that was hoped for did not materialize, because cotton prices continued to go down after the conference. It is just as evident that if the cotton growers want to forestall such an experience in the future they must organize along **PRACTICAL** and **SOUND** lines **NOW.**

Here is a known problem. It is a problem that farmers acting individually can not cope with. It also is a problem that local clubs of farmers or even State Federations of farmers' clubs or unions can not cope with. It calls for the individual coton grower connecting with his neighbors in a local body, all such in a county federated or a country union; all these federated in a State union and then all federated in a national union. When this is accomplished, or to a considerable degree, in the Southern States, all the cotton can then be reported to the Society's headquarters. Then the demand must seek it through such headquarters, although the cotton may be held on the farm or in warehouses. All direction of marketing must come from one central head, otherwise the present blind, competitive, dumping system of marketing will break prices early in the season, almost regardless of the size of the crop.

We need hardly say that the plan we recommend for cotton growers, and for all crops, is the Farmers Society of Equity plan.

Money Spent for Farm Instruction

THE states are fully awake to the importatnce of farm education, and each year are becoming more liberal in the expenditure of money for that purpose. The following States during the past year have added to their appropriations for agricultural education and extension, the sums named:

California raised her appropriation from $10,000 to $15,000 per year; Illinois from $23,650 to $29,000; Kansas, from $27,500 to $35,000; Minnesota, from $18,000 to $23,000; Nebraska, from $10,000 to $17,500; New York, from $25,000 to $35,000; Ohio, from $23,000 to $26,400; Oklahoma, from $5,000 to $10,500; South Dakota, from $9,400 to $13,000; Utah, from $5,000 to $10,000; Washington, from $8,500 to $10,000.

This increased liberality is both gratifying and encouraging. But after all, it is only an expenditure of the farmer's money, for the farmers, it is conceded, are the principal taxpayers. But the worst of it is, that this money is not used where the farmers most need assistance. No better system of marketing is ever suggested, and no information is given as to what prices ought to be on the basis of supply and demand. Not a hint as to storage and holding is ever given, though all admit that the farmer's income and prosperity depends upon the price he receives for his goods, and all well informed people agree that the high cost of living is built up after the products leave the farmers' hands. How much the farmers could be benefited by adding these teachings to the schools and the institutes the finite mind can scarcely grasp, and the ineffectiveness of the teaching without that information makes it insignificant. What the farmers need, and what the consumers are most interested in their having, is a method of selling to meet actual demand, and supplying the need without sending the products through the toll gates of greed.

SOME MORE COTTON FOOLISHNESS

New York Bankers Want to Loan Farmers $50,000,000---Who Will Benefit?

Farmers must depend on themselves to solve their marketing problems.

Cotton growers are asked to pay a prospective $5.00 and one-fourth of the 1912 crop to save a certain $1.50.

The chief promoter is a cotton bull now, but he was a cotton bear until he loaded up with cheap cotton. Now he wants the farmers who have cotton left to pull his chestnuts out of the fire.

The scheme recommended by some Southern Governors, the president of the Cotton Congress and the president of a farmers' union, but it is condemned by this paper.

Circulate this paper all through the cotton states. Give this article to your newspapers with request to print.

WE HAVE said it before and we will continue to say it: "Farmers must depend on themselves and not on the interests, or the government, to solve their marketing problems."

The latest scheme to help the cotton growers looks very much like a catspaw with which Mr. Farmer is asked to pull the chestnuts out of the fire for the capitalists.

The proposition in brief is this:

To advance the grower $25.00 a bale without interest, but a flat charge of $1.00 a bale will be made to meet the expense of grading and handling. The cotton will be placed in storage under control of the syndicate that advances the money. The grower reserves the right to designate the day of sale prior to January 1, 1912, and each state committee representing the syndicate and the growers has the power to name the day of sale if cotton reaches twelve of thirteen cents. The grower is to participate in any advance to the extent of three-fourths and the syndicate is to have the other one-fourth. A provision is that each grower who avails himself of this plan will pledge to reduce his acreage in 1912.

The negotiations were conducted, on behalf of the cotton growers, by Governor O'Neil, of Alabama, Senator Bailey, of Texas, E. J. Watson, president Permanent Southern Cotton Congress, commissioner of agriculture of South Carolina, and Clarence Onsley, of Texas, representing the Governor of his state.

The bankers who will furnish the funds, according to our information, are headed by Colonel Robert M. Thompson, of the brokerage firm of S. H. Pell & Company, of New York. The financial support of several of the strongest banks in New York has been given to the plan, the report says.

The report says further: "Colonel Robert M. Thompson is a widely known cotton bull of the firm of S. H. Pell & Company, bankers and cotton brokers." President Watson, of the Southern Cotton Congress, is reported to have said about the plan:

We have carefully considered the whole thing in all its phases. I can't say what the growers are going to do. The financial end is strong. It holds out prospects of fine results and it seems to assure an honest price for cotton and to safeguard the commodity, which is the very keystone of American finance. Some one besides the farmer is being assured several dollars a bale more than he would get under the present iniquitous way. We are therefore willing to submit and recommend the proposition to our people and if they wish to accept it, then help them to make it effective as we can.

There is no doubt that the holding and reduction of acreage pledge, the movement we have been pushing so successfully, has checked the downward tendency of prices under the persistent hamering up to this time. So far we have fought the battle unaided; now that money to the extent of $50,000,000 is offered, we may fight harder and in the end we hope to put a check to methods of marketing of a national important commodity.

President Barrett, of the Farmers Union, is quoted as saying: "I consider the arrangement satisfactory and I will recommend it to our people."

This paper is first, last and all the time for the farmers' interests. So when we read this plan we began to ask ourselves: Will it inure to the benefit of the farmers? Will it solve the cotton growers' marketing problem, present and future? If it will benefit the growers will the benefits be great enough to justify them in heartily entering into this plan, and can we afford to recommend it?

Other people, farmers' leaders on the ground, say it will do these things and they will recommend the plan. They ought to know, but we always prefer to analyze each proposition, advise the farmers according to our own judgment and then let the final decision rest with them.

Let us analyze this proposition:

1. To advance $25.00 a bale without interest is fair enough, its really generous if it stopped right there.

2. One dollar a bale for grading, handling and placing in storage is probably fair.

3. It is also fair that the grower may name the day of sale prior to January 1, 1913. Also the provision that the state committees may sell when the price reaches twelve or thirteen cents is all right.

4. But a question arises whether the next provision, that the syndicate shall share in the advance to the extent of one-fourth, is equitable. Of course, this is in lieu of the interest that is waived. In other words, any cotton grower, or any group of them in a local union can store their cotton and readily get $25.00 (and even more than this if desired) advanced per bale and pay 6 per cent. interest on the money advanced. It is being done all over the cotton belt. So the syndicate proposes to do nothing that the farmers can not do themselves, but it says to the farmer; we will take one-fourth of the advance in lieu of 6 per cent. interest. We will refer to this again farther along.

5. A provision of the plan is that the grower who accepts the syndicate's money agrees to reduce his acreage in 1912. This agreement must be entered into at the time the advance is made and becomes binding on the grower and must be carried out by all who become a party in this plan. This is the feature on which the syndicate depends to force higher prices. How much the reduction is to be was not announced, but it is rumored that 25 per cent will be required.

Now this is the weakest part of the plan for the grower, but it is the vital one for the syndicate. For instance, no person knows in advance but what the 1912 season will be a bad one and without any reduction of acreage it might compel a 25 per cent. or other shortage. A poor season combined with an arbitrary reduction of acreage will produce even a worse condition for the South than a large crop. In either event, that is, a short crop, because of the season, or a short crop from decreased acreage will be bound to make high prices, thirteen cents or more.

So, assuming that the price will rise to thirteen cents in 1912 we have this illustration:

The syndicate will loan $25, on a bale of cotton, worth 9 cents a pound, without interest. Through holding off the market and reduced acreage the price will be forced to 13 cents a pound in 1912, a gain of 4 cents a pound, or a gain of $20.00 a bale. The growers' gain will be $15.00 and the syndicate's gain will be $5.00 a bale.

In lieu of this the grower can store his own cotton and get $25 advanced at 6 per cent. The interest on $25 for one year at 6 per cent. is $1.50, against $5 the other way. This is assuming that the price would be forced just as high by independent control by the farmer as by the syndicate.

We are not counting much on the reduction of acreage. At best only a small fraction of the growers would embrace the proposed plan. Many of them would not need to, because they have already sold out. It is almost certain that many of those who are not in on this plan would increase their acreage and thus nullify the effect of those who were forced to reduce. This also argues against the plan, because a small percentage of growers would be pledged to decrease acreage, say 25 per cent., while their neighbors could and would increase theirs to still maintain the normal planting.

So we figure this way on the new plan:

An advance of $25 a bale for which the grower pays $5, if the control of supply and the season combine to force the price to 13 cents, and a sacrifice of 25 per cent. of his 1912 crop.

But the grower can get an advance of $25 per bale, for which he will pay $1.50, and plant a normal acreage in 1912. If a surplus is also produced in 1912, instead of a short crop which is most likely, then steps should be taken to reduce in 1913. Cotton growers ought to carry a surplus of one-fourth of a crop whenever it is necessary.

But the report said Mr. Thompson is the head of a bull cotton firm. We'll gamble our reputation as guessers that Thompson and his firm were bears all the time that the bulk of the 1911 crop of cotton was going off of the farms. Now that they and their kind have the bulk of the cotton they are very anxious for the farmers to join with them in holding cotton back, and in a scheme to reduce acreage to force the price up. Why did not Thompson and other friends (?) of the farmers think of this plan while the cotton was still in the farmers' hands?

Any way we look at this it does not appeal to us very strongly from a farmers' standpoint, but it does look like a scheme to get the cotton growers to pull the chestnuts out of the fire for the speculators. We do not say this to reflect on the good intentions of the Southern Governors and their friends, but we can not help but think they exercised very poor judgment.

We do not recommend the plan to cotton growers. We do recommend the Southern farmers to organize on the plan this paper teaches, when they can attend to their own business without the interference of outside people and interests.

High Production, Without System in Marketing, a Curse

WE ARE always glad to get the annual report of the Secretary of Agriculture. It is a great work, reporting the greatest and most important industry in our country. It is interesting from beginning to end, and the most interesting part is the part that, we believe, most readers pass over lightly, or do not examine at all. We refer to the statistical tables. The story told by them is fascinating in the extreme to us and should be to all farmers. It is this department that tells the tragedy that is being enacted on the farms each year. Always the same or nearly the same as relates to the work done, the acres cultivated, but oh, so much difference in the results obtained in total crops and in **MONEY**. And particularly the latter. Study the following from the advance pages of the report:

If the commercial expectations of the size of the cotton crop are realiable, it will be one-fourth larger than the five-year average, and also the largest crop ever grown. That a large crop may be worth less than a small one is exemplified by the cotton crop of this year. This crop has reached a price that is five cents a pound of lint below that of last year, when the crop was much less in quantity, and for the same reason the price of seed has declined.

The farm price of corn (1911 crop) is now higher than it has been since the department began to keep records, 1866, except in 1883. Also the total value of the crop, although under the average for the preceding five years, breaks the record at $1,799,000,000. The farm value last year, when the largest crop was raised, was $177,000,000 less than this year's value.

The hay crop was only 47,000,000 tons this year, against the average for five years of 63,500,000 tons. Notwithstanding this enormous shrinkage the farm value is slightly above the five-year average.

The department places the production of wheat at 656,000,000 bushels. This is five and one-half per cent. below the five-year average. The estimated farm value is $600,000,000, or a trifle below the five-year average.

The department's estimate of the 1911 oats crop is 874,000,000 bushels and the farm value about $380,000,000. The crop last year was the largest the country ever raised—1,126,765,000 bushels—and the farm value was practically the same as this much shorter crop—$384,716,000.

The potato crop is placed at 282,000,000 bushels, which is the smallest crop, except one—1908, 278,000,000 bushels—in five years. But its farm value is put at $213,000,000, which exceeds all former values. The largest crop ever produced was in 1909, 376,000,000 bushels, of which the farm value was placed at $206,000,000. The value of the 1911 crop is 14 per cent. above the five-year value.

Barley is another crop short in production. The crop this year, 196,000,000 bushels is 12 per cent. below the five-year average, and also below the production of every year since 1905. But the total farm value is about $125,000,000, which is much above the value of any former crop.

Tobacco is an exception to other short crops, in the fact that it is also short in value. The yield is estimated at 800,000,000 pounds, which is 2 per cent. under the five-year average and 5.3 per cent under the five-year value.

For flax-seed we have the remarkable showing of a crop 7 1-2 per cent. under the five-year average, against a value of 53 per cent. above the five-year average. The yield is given at 22,000,000 bushels and valued at $47,000,000. The farm price is given at $2.17 in the report.

The report says: With the lowest production since 1901, except three years, the rye crop of about 31,000,000 bushels, is 5.4 per cent. below the five-year average. Its value, on the contrary, is the highest ever reached, and is 12.2 per cent. above the five-year average. The total value is estimated at $26,000,000.

As might be expected, the rice crop production being up, the price is down. The production is about 1,000,000,000 pounds, or 6.6 per cent. above the five-year average. The total value is $15,400,000, or 10 1-2 per cent. below the five-year average.

A few years ago we issued a pamphlet entitled, **"Crop Rich but Money Poor Farmers."** If we were issuing the pamphlet now the title would need to be "Crop Poor but Money Rich Farmers." Well, we've always said it is money that people farm for. But what we need is big crops and fair prices. And this will be possible when farmers are organized and they control the marketing of big crops.

Straining Money for Crop Movement

FOR a great many years at the time of its principal harvests, there is a great outcry for money to move the crops. Some of the leading papers are taking this subject up, express the belief that it is an evil, harmful to the entire business of the country, and in a vague sort of way, try to find a remedy. The Saturday Evening Post in a September issue, speaking of the higher rates charged for money at some periods than at others says:

"The reason for the higher autumn rate is, of course, that money is then required to move the crops. The Eastern banks, in September and October, ship out nearly two and a half times as much currency as they receive. Chicago and St. Louis also are then shipping currency into the country at a brisk rate. Reserves fall; interest rates go higher.

"The money, having moved the crops, speedily comes back, however. In January and February the Eastern banks receive nearly two and a half times as much currency as they ship. Then the reserves rise, and the interest rates fall."

The evils of this irregular demand for money, the exhausting of the supply in the money centers, and the raising and lowering of the rate of interest, are apparent. Business cannot be steady under such conditions, and should any cause, natural or artificial create an extra demand for money, with the money in overdrawn quantities thus scattered over the country, a panic would be inevitable, to be followed by a stagnation of business, a depression of values, and widespread ruin. A number of panics with disastrous results have followed just such conditions.

But the greatest evil is the practice that causes this dangerous shifting or absorption of the money supply. It is agreed that the money is drawn from the centers, more than twice as much as is received at the centers, "to move the crops," the products of the farms.

But why should the crops be thus moved at the time of the harvest? Nobody needs them all at that time. Nature itself has decreed that each harvest must supply the needs of the world until the next harvest. Why, then, force the entire supply on the market at one time?

If to supply their own needs and meet their current obligations, farmers are compelled to sell their year's products all at once, and, of course, on glutted markets, then it must be an undeniable fact that agriculture is not prosperous, and it would seem to be the duty of the government, or whatever power can influence the distribution of opportunities to take immediate steps to give farming better protection and its share of the chances for accomodation. If such demand were made it would be for nothing unreasonable, if it is true that farmers are compelled to sell in order to live.

But we put up no such claim and make no such demand. Some farmers may find it necessary to sell more at harvest time than enough to supply the demand, but not all, nor even a majority of them. They sell thus because it has become a habit with them. It is in accordance with the marketing system that has been in vogue ever since speculation has controlled prices. It is, in fact, a part of that system and the part upon which speculation thrives. It results in glutted markets and depressed prices while the farmers are selling, and the lower the prices go the greater the gains for the speculating buyers, and it is they who unduly draw the money from the money centers to meet their abnormal purchases. And here is another danger, a fruit of the system, that is seldom thought of. Should any contingency bring on a crash among these speculating buyers, the banks that have overdrawn themselves to meet the speculative demands, would inevitably go to the wall, and a financial panic would ruin the business of the country.

But examine this marketing system a little further. When the rush to sell is over, the dominating part of the year's supply of necessary commodities, is no longer distributed over the country where it was produced, but it is concentrated in a few storage centers, controlled by a small number of speculators, themselves dominated by the financial institutions that furnished them the money to buy with under the name of sending it out to "move the crops." It is now and henceforth only a question of profits. The demand must now be supplied from these centers. There is practically no other source; and the profits are limited only by the ability of hungry people to pay. Thus the speculators accumulate their millions, and the banks secure their excessive loans with the high rates they charged for the money to "move the crops;" and thus is built up the high cost of living. This is repeated year after year, cupidity constantly adding to the gains, until present conditions have been reached.

Another evil of this system should not be overlooked. While it strains at certain times the money supply of the country, it strains the carrying capacity of the railroads. Moving the tremendous crops of the United States, practicably at the time of harvest, is a greater work than any or all of the railroads are prepared to do. Nor can they afford to prepare for it. The tremendous addition to rolling stock would be needed but a short time, and during the remainder of the year must stand idle, rotting on sidetracks or rusting in expensive sheds. Selling by the farmers to meet the demand, however, while it would make unnecessary any special demand for money to "move the crops," it would distribute the gigantic freight business through the entire year and "car famines" would cease to be dreaded by the railroads.

This is the remedy. Let farmers hold their own stuff, and sell to meet the demand. It is not a visionary plan. It has been tested, is now in operation in localities, and is found to be entirely practical and satisfactory. But some of our greatest teachers seem to be groping in the dark and seeking aimlessly for a way to better these conditions. The article from which we quoted above closes with this question:

"Will Congress, by any lucky chance, have a little spare time this winter for the consideration of banking and currency?"

Banking and currency has nothing to do with it, and Congress, under present domination and judicial construction, can have nothing to do with it. It is simply a question of selling farm productions to meet actual demand, and to so regulate the distribution that the supplies will go by the shortest and least expensive route directly to the points where they are needed. When there were but a few great railroads this could not have been done, perhaps, but now with railroads everywhere it is a simple proposition, and we are surprised that the railroads themselves have not long since taken it up.

But the farmers are the first owners of the stuff, an the inauguration of the new system depends upon them.

Prices Up or Down

ONCE more it depends upon whose ox is gored. In arguing before the Supreme Court of the United States an appeal case of certain cotton traders who had been indicted in New York for alleged conspiracy in an attempt to corner the cotton market to raise the price of cotton, but who had been practically acquitted in the United States Circut court for Southern New York, the case having been appealed by the government to the Supreme Court—in arguing the case on appeal the Solicitor General for the Government contended that any combination to raise the price of a commodity was a violation of the Sherman anti-trust law and punishable thereunder. Once or twice in the Solicitor General's argument, Chief Justice White asked if the government considered that a combination to force down the price of a commodity would be in violation of the law as well as a combination to put the prices up, as charged in the indictment under consideration. The answer of the Solicitor General was that he was not familiar enough with the market to reply. The Solicitor General of the United States, trying a case before the Supreme Court of the country, did not know whether it was as criminal to combine to put prices down as it was to combine to put prices up!

The authorities seem to interest themselves in but one side of the question, and that is to hold farm prices down. They know that provisions are high, that feeds are high—that the entire cost of living is high. But like the Solicitor General, they are not familiar enough with the market to know that the price to consumers can scarcely be said to be based on the price paid the farmers, so great is the difference between them. The buyers of the stuff from the producers combine to hold the prices down, and when it is to be sold to the consumers those who own it then combine to put the prices up beyond the dreams of avarice.

Once in awhile, as in the case above mentioned, there may be a combination to boost prices when the stuff is yet in the hands of the growers, and then is when the Government takes notice. We wish the authorities would study the markets, and learn all sides of them, so that they could know that wickedness on one side is just as wicked as it is on the other, and that cupidity, the meanest kind of cupidity, is at the bottom of all these inequitable and unnatural prices.

But so far as the farmers are concerned, their great interest is in the first sales. They never ask more than equitable prices, and when they get such prices, prices that carry a reasonable margin of profit, they, are content. To secure that, and defeat the machination of those whose every effort is to force and hold prices paid farmers below an equitable level that their own margin of profits may be greater, the farmers themselves must be the power behind the movement. Equitable prices, selling to meet actual demand, and direct distribution, must be the slogan to come from the farmers, and then it will not matter whether the Solicitor Generals are familiar with the markets or not.

Facts From the 1910 Census

THE compilation of census figures gathered last year are far enough along now so we can gather many interesting facts about agriculture. Following are some that every farmer ought to know:

Our farm production is not increasing as fast as our population. That is, the country is coming nearer to a production and consumption balance. A lesson we may learn from this is that each year it becomes easier for the farmers to maintain profitable prices, as each year the exportable surplus becomes less, and consequently, our farmers become less subject to competition of foreign farmers, if indeed this did not cease to be a menace to organization years ago.

In 1900 we had 5,700,000 farms. Now we have 600,000 more, or a little over 7,000,000. The rate of increase was about 10 per cent., while population increased over 20 per cent.

The census shows that there is an increasing movement from the country to the city. In 1890 about 36 per cent. of our population lived in the cities and towns. In 1900, more than 40 per cent. Now more than 46 per cent. live in cities and towns. This means that there are more people to eat and fewer to raise the supply. It also means higher prices, but it may be higher prices for the middlemen rather than for the farmer.

Our country is rapidly changing from agriculture as of first importance to manufactures. The manufactures sell for about $20,000,000,000 per annum, while the value of farm products is about 9,000,000,000. The increase in values of manufactures has been 81 per cent. in ten years, and 40 per cent. in five. The wages in factories are paid whether the weather is fair or bad, and the average factory wage exceeds the average value gotten out of the farms.

The census shows that farming is more profitable than ever before. It also shows that while the farms increased 600,000, or 10 per cent. the average size decreased about 6 per cent. The value of farm land increased greatly. It has more than doubled in ten years. This was because of more sane marketing as first taught by this paper.

During the last ten years more than $2,700,000,000 worth of new buildings have been erected on farms. In other words the buildings ought to be 77 per cent. better than in 1900. Also there is 68 per cent. more machinery on the farms.

As the value of all farm products is about $9,000,000,000 a year, and there are now seven million farms, the average value of products, counting everything retained and sold, is only $1,285. This is not a figure to brag about, notwithstanding the wonderful performance of agriculture as a whole.

Farmens at Sea---Do Our Farmer Raise Enough?

WE are anxious to impress on the people that the strenuous effort put forth by all the institutions to induce farmers to produce more, are both inefficient and unnecessary. It is very seldom that the urging and the teaching results in much increase of the general average of yield per acre. A case now and then of great acre yields is reported, but the general average hangs around the same figures.

If it were necessary for farmers to raise more and they were given the inducement in price, they would easily do it, but there have been so many cases when the more they raised the less they got for it, that there is not much inducement for them to fertilize their lands or to put forth much extra effort.

In fact, under present conditions they raise enough and more than enough. We have the official figures from the Government Department of Commerce and Labor as to the exports of breadstuffs during a portion of this year, 1911:

In August, 1911, there was exported, of flour, 867,679 barrels; wheat, 5,731,832 bushels; corn, 1,280,832 bushels; oats, 67,644 bushels; barley, 926,941 bushels; corn meal, 22,486 bushels; oat meal, 456,471 pounds.

During the eight months from the first of January to the last of August, 1911, there was exported, of flour, 6,730,044 barrels; wheat, 18,051,630 bushels; corn, 46,854,262 bushels; oats, 1,386,894 bushels; barley, 3,083,203 bushels; corn meal, 331,096 bushels; oat meal, 25,163,385 pounds.

In the face of these official government figures, when we hear people and papers urging farmers to produce more in order to reduce the cost of living or expressing fears that American farmers may not be able to supply the American demand for farm products, we shall feel like saying "bosh."

But, understand us, we would not have farmers relax their efforts. On the contrary, we would have them do their best; benefit by all the good instruction they get, and until, at least, it is known that there is an actual, unneeded surplus, produce all they can. But in connection with that, we would have them look after the marketing also. Whenever they market their products so that they go into the hands of speculating buyers at board of trade prices, whence they go into the control of the greedy storage combines, it is the same so far as the consumers are concerned as if they had not been produced. If those who are so anxious to reduce the cost of living by increased production, would turn their attention to this other end of the line, their efforts might be much more successful. And if there is really a scarcity from the farms, why are these vast quantities permitted to be sent out of the country?

WHAT THE TELESCOPE REVEALS

Crop Prospects, Market Reports and Hints for Up-to-Date Farmers

Minimum Prices

We believe the following are fair and equitable minimum prices for the crops mentioned. We believe conditions of supply and demand are such that these prices will be paid before the next crops are produced. Certain it is that if producers will hold their crops and ask these prices they will be paid, because the world of consumers cannot get along without them. The farm price will be the minimum price less freight and a fair commission to the handler.

CONTROLLED MARKETING COMPELLS THE PRICE — KEEP YOUR EYE ON THIS STAR

1911 CROPS

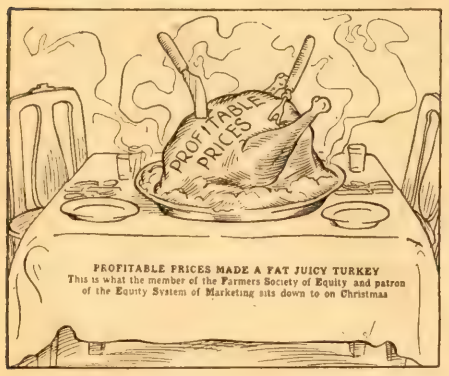
WHEAT—No. 2 Red, at Chicago	$1.25
WHEAT—No. 2 Northern Spring, at Minneapolis	1.30
CORN—No. 2 White, at Chicago	.75
OATS—No. 2 White, at Chicago	.55
BARLEY—Good malting, at Chicago	1.00
BUCKWHEAT—At home market	.90
RYE—At Chicago	1.00
HAY—Choice Timothy, at Chicago, ton	$22.00@$24.00
POTATOES—Choice, at Chicago	.85
BEANS—At Chicago	2.50
COTTON—New crop, to the grower	.13
BROOMCORN—Choice Illinois, at Chicago, ton	$150.00@175.00
BROOMCORN—Choice Oklahoma, at Chicago, ton	125.00@150.00
CATTLE—Good to choice, Steers, at Indianapolis	$6.50@7.50
HOGS—Best heavies, 210 lbs and upward, at Indianapolis	7.00@7.50
HOGS—Good to choice, lights and mediums	6.50@7.00

Advice

Hold all crops that are not selling at the minimum prices or above. Market only while the price will be paid. Watch the market and this department and stop as soon as the price declines below the Minimums. Old readers know that it pays to act on our advice. We have been giving advice about prices and marketing for nine years and the mistakes have been the rare exceptions. No matter what you think of the minimum prices and our advice now, you will make more money if you respect them. Help to get this paper in the hands of al your neighbors.

Usually, at the holiday season such coarse commodities as potatoes, beans, cabbage, etc., are negrected by commission men and wholesalers, and even retailers and family buyers, and more attention is given to fine fruits, oranges and fancy products for the holiday trade, consequently prices on coarse products is lower. We advise our readers to govern themselves accordingly.

LOOK at the star under "Minimum Prices" above. In it is this: "Controlled Marketing Compels the Price." On the contrary, uncontrolled, blind dumping demoralizes the price. We are actually ashamed of the wheat farmers. They ought to be ashamed of themselves, and we have no doubt that everyone that has any self-respect, is. Look at the visible supply of wheat. It is up to 76,000,000 bushels. We have looked over the records and we find the largest visible supply before this, in ten years, was 61,245,000 bushels, in January, 1901. The 1911 wheat crop for the United States was not a large one. The worlds wheat crop of 1911 is a short one. We still contend that every bushel of wheat will be needed to meet the demand before the next crop is available. If we are correct, and all precedents prove that we are, then the farmers who are responsible for making this enormous visible, a club that is beating prices down at least 25 cents a bushel, are too ignorant to be farmers. Any man who does not understand the first, underlying principle of marketing farm crops, viz., controlled marketing compels the price, ought not to be permitted to farm. He is as dangerous a man on the farm as an incendiaryan is in a factory, a multitude of them can easily burn up, figuratively speaking, a season's profits for all the farmers raising the same crop. Every agricultural college should teach this doctrine and it should be endorsed on every diploma that the holder understands that CONTROLLED MARKETING COMPELS THE PRICE. Let every farmer understand this thoroughly, and then let the PRICE be known to every farmer and that price will be the market price.



PROFITABLE PRICES MADE A FAT JUICY TURKEY
This is what the member of the Farmers Society of Equity and patron of the Equity System of Marketing sits down to on Christmas

On this theory we founded the Farmers Society of Equity. In actual practice we have demonstrated that the theory is sound and that when enough farmers represent the balance of power, control their marketing and keep their minds on the set price, that the price will be paid. We can point to not one solitary case, nor only a dozen, but a hundred cases or more. No proposition relating to agriculture has been more thoroughly demonstrated. So, if it is true that the world's wheat supply is short, and the most reliable reports agree that it is, then all of the supply will be needed. And if all the supply is needed and if a considerable of it is being held for $1.25, will not this price be paid?

It's a long time before the next harvest and many things may occur. One thing that is bound to occur is the passing of the Argentinia crop as a distributing factor. The surplus of that crop is so small, compared with the world's consumption of wheat that it ought not to create more than a slight ripple on the surface, whether the crop is a bumper one, or short. The weather conditions in Argentinia have, however, been used to swing the markets like the small boy would swing his sister's doll by its feet.

The price of wheat shows little change in two weeks and it is now about the same as last year.

Corn prices are much lower, but this is mainly in shifting prices from old to new corn. Considering that the 1910 crop was the largest ever produced, that it sold up to 80 cents, and that the 1911 crop is some 400,000,000 bushels less, we can have some idea of the top for corn before December, 1912. Note that the minimum price for the 1911 crop has been set at 75 cents. All these minimum prices will be reviewed at the national convention that will meet this month.

The scarcity of corn on many farms and the high price has resulted in extremely free marketing of hogs with low prices.

The price of hogs is about $1.00 a cwt. below the minimum.

Potatoes are selling at minimum prices, but we expect them to range higher after the holiday season. The splendid prices induced free marketing, and, although the crop is much short of last year the receipts in central markets have been much greater. Many potatoes have been stored, but the South and Southwest and Central States have been heavy purchasers for immediate use, because of the short crops there.

The following figures tell the market story:

The visible supplies of grain in the United States by Bradstreet's reports on November 25, 1911, with comparisons are shown in the following table: (The sign — before figures means decrease, X means increase.)

	Nov. 25, 1911 Bushels	Change from 1 wk. before Bushels
WHAET	76,080,000	X 4,229,000
CORN	2,806,000	X 60,000
OATS	25,507,000	—1,821,000
BARLEY	4,804,000	— 207,000

Closing Prices of Cash Grain

Cash grain closed in the leading markets on December 6, two weeks before and a year before, as follows:

	WHEAT, No. 2, RED Dec. 6	2 wks. before	A Yr. before
Chicago	96¾@98	97 @99	.94
St. Louis	.97 @99	96½@98	1.00
Kan. City	.95 @96	98	.96
Cincinnati	.97½@99	97 @99	1.00
New York	96¾		

Minneapolis—No. 1 hard spring, $1.03⅝; No. 1 Northern, $1.03⅛@1.03⅜. Two weeks before, $1.06⅜ and $1.03⅜@1.05⅞ respectively.

CORN, No. 2, WHITE.

Note—Chicago quotation is for No. 3 White.

	(New Corn)	(Old Corn)	
Chicago	60½@60¾	76½@77	51
St. Louis	.70 @72½	77	48
Kan. City	.62½@63½	75	45
Cincinnati	.65 @67	75½	54½
New York	69¼		

	OATS, No. 2.	WHITE	
Chicago	.49 @50	49½@50	34
St. Louis	49¾	50 @50½	33
Kan. City	.49 @49½	49 @49½	
Cincinnati	51	50 @50½	34
New York			

Future Grain Prices

Chicago grain futures closed December 6, 1911, and one week before, as follows:

WHEAT—December, 94⅞c; May, 99⅞c; July, 95⅝c. Two weeks before, 95¾c, $1.00½ and 94⅞c, respectively.

CORN—December, 62¾c; May, 63¾c; July, 63⅞c. Two weeks before, 63⅞c, 64⅞c and 64¾c, respectively.

OATS—December, 47¼c; May, 49⅝c; July, 46¼c. Two weeks before, 47½c, 50c, and 46⅜c, respectively.

Cotton

New York, December 5.—Cash Cotton.—Middling Uplands, 9.35c; middling gulf, 9.60c. Two weeks before, 9.50c and 9.75c, respectively. A year before, 15.05c and 15.30c, respectively.

Galveston, December 5.—Middling, 9¾c; good Middling, 9¾c. Receipts this day, 38,054 bales; corresponding day last year, 34,344 bales.

Receipts at all United States ports this day, 103,192 bales; last year on corresponding day, 86,781 bales.

Live Stock

Indianapolis, December 5, 1911.

CATTLE—Good to choice steers, 1,300 lbs and upward $7.25@8.00
Good to choice, 900 to 1,100 lbs 5.00@6.00
HOGS—Best heavies, 210 lbs. and up 6.15@6.45
Good to choice lights, 160@200 lbs. 5.90@6.15

The price of cattle is practically the same as two weeks before. Hogs are 15c a cwt. lower.

Chicago Produce Market

December 5, 1911

For advice about markets other than Chicago, write to The Equity System, Indianapolis, Ind. Chicago must not always be taken as indicating what produce will actually sell for when sent to the best market. Frequently there are much higher markets.

We use Chicago quotations in our reports for the sake of uniform comparison.

	Change from a year before Bushels	Change from 2 yrs. before Bushels	Change last year Bushels
WHEAT	X 21,658,000	X 36,251,000	X 824,000
CORN	— 389,000	— 2,715,000	—1,123,000
OATS	X 1,348,000	X 5,876,000	— 506,000
BARLEY	X 1,527,000	— 1,227,000	— 462,000

POTATOES—Arrivals by cars, with comparisons, follow:

	This wk.	Last wk.	Last Yr.
Monday	97	171	83
Tuesday	86	94	76
Total, 2 days	183	265	159

For Wisconsins the market was firm and Michigans were fully 3c higher. Demand was better, which was the main reason for the improvement. Receipts are just fairly liberal.

Sales reported were: Wisconsins—2 cars sacked Kings at 82c, 1 car white stock sacked at 83c, 2 cars do., at 84c, 3 cars do., at 85c.

Per bushel, bulk or sacked, Wisconsins, Burbanks or Rurals, ordinary or fair to good	$ .80@ .83
Choice to fancy	.84@ .85
Bulk, Michigans, Burbanks or Rurals, fair to good	.80@ .84
Choice	.85@ .87
Fancy	.88@ ....

The price is about 5c a bushel lower than two weeks before, and about 40c a bushel higher than a year before.

SWEET POTATOES—A good, strong market quoted. They are said to be meeting with good sale, that is all of good quality. Common and No. 2 stock at the same time slow.

Bbls., Illinois, choice to fine	$1.25@ ....
Good	4.00@ ....
No. 2	2.50@3.00
Hampers, Illinois, No. 1	1.50@1.50
Jerseys, kiln dried	1.50@1.60
Delawares	1.50@1.60

BEANS—A weaker market quoted. Prices a shade lower for all regular lines. Demand remains small, and that causes an easy feeling; it is not so much the offerings, for they are very moderate. Lima Beans alone showed firmness, and they advanced.

Pea Beans—	
Hand-picked, choice, dry	$2.35@ ....
Prime	2.28@ ....
Damp, damaged, mouldy, no regular value.	
Mediums nominally about same as Pea Beans.	
Red Kidneys, dry	$3.15@ ....
Brown Swedish, long	2.75@ ....
Round	3.00@ ....
Limas, per 100 lbs.	6.85@ ....

The price of Pea Beans is 12c lower than two weeks before; Red Kidneys, 35c lowed, and Brown Swedish, about 20c lower.

HAY—Timothy Hay steady. Receipts increasiig and demand good. Prairie Hay quiet. Demand only moderate and supply liberal.

Choice Timothy Hay	$22.50@23.50
No. 1 Timothy	21.00@22.00
No. 2 Timothy	19.50@20.50
No. 3 Timothy	16.50@18.50
Kansas and Oklahoma Prairie, choice	16.50@17.00

The price is about $3.50 a ton higher than a year ago.

STRAW—Rye Straw quotable at $10.50@11.50. Oat Straw at $9.50@10.00. Wheat Straw at $8.50@9.00.

Each kind is 50c a ton higher than two weeks before.

BROOM CORN—Market steady and business quiet. Supply is enough for present needs, but offerings not large.

Per ton, new, depending on quality $160@220.

EGGS—The receipts at Chicago (not including through shipments) for the days mentioned were as follows:

	This Week Cases	Last Week Cases	Last Year Cases
Monday	1,713	2,485	1,869
Tuesday	2,059	2,545	2,334
Total	3,772	5,030	4,203

For fresh Eggs, demand is good. Very few strictly fresh Eggs are being received, and they are bid for strongly by the various buyers. The scarcity creates a strong feeling, and prices favor holders. Many of the consignments of so-called fresh Eggs are made up of a few strictly fresh Eggs and mainly stale and country cellar held Eggs. When Eggs are not strictly fresh they drop off a great deal in price, because the ordinary lots of Eggs come into competition with storage. So few Eggs coming which grade better than "Firsts" that it is useless to give quotations.

Refrigerator Eggs ruled firm under a sharp demand. April Extras, quotably 22½c bid, and Firsts 21c bid.

The following quotations were established by the Butter and Egg Board:

Miscellaneous lots, cases returned—Eggs which will not grade—21½c@27½c, depending on quality.

Ordinary Firsts quotable at 25@27c.

"Firsts" quotably 28@30c per dozen.

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The market is 2 to 4c a dozen higher than two weeks before.

Market No More Crops the Old Way The Equity System is Better

When you market through The Equity System personal, responsible representatives on 100 of the largest markets of the country are always ready to look after your shipments better than you could if you accompanied them.

Each member of the F. S. E. is invited to report to us the crops he will sell in the next 30 days and we will put The Equity System to work for him. In a few days after you mail this blank you will receive INSTRUCTIONS FROM HEADQUARTERS WHERE TO SHIP TO THE HIGHEST AND BEST MARKET. This service is exclusive for MEMBERS of the F. S. E.

Therefore, any crops that you expect to market, or ship for storage, in the next 30 days list them below, but no others. Blanks will be printed in future numbers for later marketing.

FARMERS SOCIETY OF EQUITY, Indianapolis, Ind.

Name of Crop	Quantity	When Ready	Variety, Class or Grade

This report is from..... P. O.....

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Your Best Insurance

against accident when driving along dark roads is one of our famous Rayo Driving Lamps.

Rayo Driving Lamps **will not blow or jar out.**

They are smaller than other driving lamps, but have a magnifying power that throws a bright light many feet ahead, while the extra large ruby disc in the rear is readily discernible in any weather.

Rayo Driving Lamps are furnished with double side bracket attachments, to fit square or round posts. They can be used on all kinds of vehicles.



In addition to Driving Lamps, the Rayo line includes lanterns of all styles, sizes and finishes—each the best of its particular kind. All are equipped with selected Rayo globes, with wicks inserted in burners ready to light.

Dealers everywhere; or write for descriptive circular to any agency of the

Standard Oil Company
(Incorporated)

FOR FARM SHOP HOME — **ELLIS ENGINE** USE **KEROSENE** — WE PAY THE FREIGHT

gasoline, distillate, any fuel oil, perfectly—without change

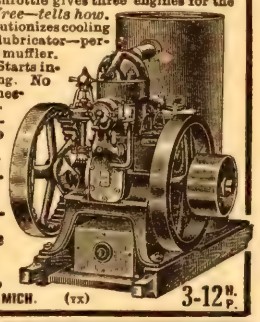
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POWER

for barn work, house work, mill work, dairy work, well work, spraying, sawing, irrigation, electric lights, pumping.

Astonishing success. More power gallon for gallon. Hundredless parts. Patent throttle gives three engines for the price of one. *Catalog free—tells how.*

Double duty tank revolutionizes cooling systems. Force feed lubricator—perfect oiling. Automobile muffler. Ball bearing governor. Starts instantly. No pre-heating. No crank. Experience unnecessary. Women can operate. Vibration eliminated. Quality high—price low. Comes complete.

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Single cylinder, 2-8 h. p.; double cylinder, 2-20 h. p.; 4 cylinder, 20-50 h. p. Suitable for any boat from canoe to cruiser. All engines complete with boat fittings. Free Catalog.

Demonstrator Agents Wanted in Every Boating Community.
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100 Note-Heads 50c

Send 50c for 100 fine white noteheads, full size, ruled both sides, with your name and address and date line in attractive and business-like style. Also 100 envelopes, on fine quality white envelopes, 50c; both, $1.00, postpaid. Guaranteed best work. Sure to please or money back.



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With Rubber Tires, $18.45. Your Wheels Rerubbered, $10.80. I make wheels ¾ to 4 in. tread. Tops, $6.50. Shafts, $2.10; Repair Wheels, $5.95; Axles $2.25; Wagon Umbrella free. Buy direct. Ask for Catalog U.

SPLIT HICKORY WHEEL CO., 516 F St., Cincinnati, Ohio

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UP-TO-DATE FARMING

Production and Marketing

AN EVER-READY TOPIC

HOW about the manure of the past season's making. Every ton of it is worth money, good money, and there is not an ounce of it but is needed somewhere on the farm. Do you know where it would prove most valuable and is it your purpose to get it to that identical place?

At all events, now is a good time to get it out. In the first place, its accumulations are in the way of winter feeding, and if it is not taken to the fields it should be housed so as to not lose its strength by exposure to the weather. But judgment is required in putting it on the fields at this time of year. It should be carefully distributed so that its leachings will sink into the ground. This is more of a problem than is usually thought. Water is so prone to run away on the surface and find its place in the drains and creeks. Where this occurs the richness of the manure will be taken with it. This is why slopes become so impoverished, and why it is so hard to get manure to fertilize them. It is better to put manure on these slopes after the spring rains are mainly over, and follow with some sort of seeding, as a means of holding the fertility. It is better at all times to spread the manure and immediately turn it under, or to spread it on land but recently plowed. This is why it is a good plan at this time of year to spread the manure on fall sown wheat, rye or grass; but in such case it must be thinly and evenly spread. Here is where the manure spreader comes in, and can scarcely be done without. But about all we can give in an article like this is hints. The farmer himself must solve the problem.

TOOLS ON THE FARM

LET the boys on the farms and in the farm homes, and the girls, too, for that matter, learn to make things. To this end a set of simple tools is necessary. The farmer often finds such tools come in handy, and they frequently save a trip to town as well as the cost of repairs that could easily be made at home if the tools were there to make them with.

Boys that have access to tools will naturally become ingenious and delight in handling them. They will better study the farm machinery, and you can scarcely induce such a boy to run a machine that is out of repair and not doing good work. The useful things that boys will learn to make is anything but a small item. We have proven this in our own family.

And what of the girls? We have known girls to learn to handle simple tools, and to take great pride in it. We could name homes now in which many of the useful things, especially in the kitchen, smokehouse and cellar, were made by girls that had learned to use tools, and the whole family is proud of them. In fact, their making saved many a dollar, and brought conveniences that might otherwise have been done without for years.

But the girls' work is mainly of another sort, but that calls with equal force for cultivated ingenuity and skill. It pertains to things for use in the house—to rugs, carpets, quilts, shelves, means of storing, etc., and this kind of work calls for different tools, which should be provided in every home. This kind of talk may sound old-fashioned and out of date, but the happiest people, even in modern times, are those who constantly have something to do, something that is pleasant and taken as a matter of choice, that develops the worker and brings its reward with it.

But the first lesson in connection with tools is to always keep everything in its place, and to teach this lesson the older ones must make the rule and enforce it, and set the example.

MARSHES SHOULD BE DRAINED

MARSH lands are no benefit to any locality. The cost of draining them varies with the surrounding land formations. Marshes ahe made by being surrounded by higher lands. If beyond these higher lands there are lower areas, or drains or creeks lower than the bottom of the marshes, the problem of drainage is simply to cut a ditch or ditches through the higher lands to carry the water from the marsh to the lower drains or creek. The difficulty or cost of drainage depends upon the depth these ditches or drains must be cut, and the distance to the lower area. In draining marshes provision must be made for the settling of the marsh lands, for as the water is drawn off and the land becomes dry it will settle and the surface will find a lower level, therefore, the drains must be made a little deeper than is necessary to merely draw the water from the present surface. To this oversight most of the drainage failures are due.

The Department of Agriculture is authority for the statement that marsh lands so drained that the permanent surface is 12 to 18 inches above the lower level to which the water was drained, will furnish good pasturage; 24 to 30 inches above is well adapted to hay and corn, and 4 to5 feet wheat lands. The value of these drained lands depends upon the price of the cultivated land around them; but we never knew a case where these erstwhile valueless marsh lands were not worth more after they had been successfully drained than were the surrounding uplands. Besides, the draining of marsh lands destroys the breeding places of mosquitoes and other pests, and contributes to the healthfulness of the entire community.

THE FENCED FARM

No matter where we go, whenever we see a farm divided into separate fields, and each field fenced to itself, with convenient gates for entrance, we know an up-to-date and thrifty farmer owns that farm, one that can profitably couple production and stock-raising, and get every penny's worth of profit from every acre, and yet not in the least impair the value of the land. On the contrary, he will make it richer all the time, for stock may be turned in every field at suitable times, and then they will get benefit from every waste corner, clear the field of weeds, and 'eave fertility wherever they go.

Every farm should have a handy, efficient machine for grinding tools, knives, axes, mowing knives, etc., etc. Sharp tools mean that you can do more work with less effort. A grinding machine will pay for itself in a month. You may get one on 30 days free trial from Luther Grinder Mfg. Co., 179 Strohl Bldg., Milwaukee, Wis. if you write for free trial offer and particulars.

Agents, if you want an article that sells to every man and makes you a good profit write the Never Fail Co., 1220 Colton Bldg., Toledo, O., for particulars of the proposition.



Manson Campbell

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Use 30 days, free, my 1912 Chatham Mill. No freight to pay. No money down. Clean and grade all your grain. Then take your time in paying me my low price, or send mill back at my expense.

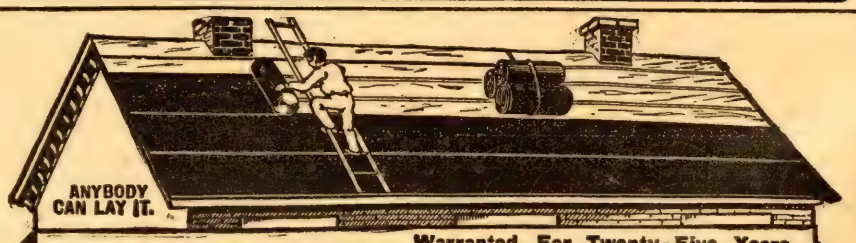
Chatham Mill actually grades and cleans 75 seed mixtures—Oats, Wheat, Corn, Barley, Flax, Clover, Timothy, etc. Takes Oats from Wheat, any mixture from Flax, Buckhorn from Clover. Sorts Corn for edge-drop planter. Takes out all dirt, dust, chaff and weed-seed from any grain. Handles 80 bushels per hour. Hand or gas power. The Outfit I loan free includes: 1912 Chatham Mill, Bagger, Power Attachment, Corn Grading Attachment and Instruction Book.

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Rubber Roofing

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ONE-PLY - - - - Weighs 35 lbs., 108 Square Feet, $1.10 per roll.
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The Melrose Convertible Wagon Bed answers **all** purposes of every kind of grain tight Beds or open Racks. A dozen more changes than shown here. U. S. Agricultural Experiment Farms endorse its use. Changed to any position in two minutes without adding to or taking anything from it. No tools needed except your hands. Always on the gears ready for any use. No more lifting.

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Last a lifetime, different from any other. **Guaranteed.** Ten times stronger and better made. Let us prove it to you. Intensely interesting illustrated book **Free,** showing Bed in many different uses on the farm. Write for it now, to Desk J.

American Wagon Co., Chicago, ILL.

Big Book FREE

Virginia Corn Wins United States Championship Cup

(Reported by the Southern Railway Co.)

THE $1,000 silver cup, offered by the International Harvester Company for the best thirty ears of corn grown in the United States in 1911, was awarded to William H. Dorin, of Clover, Halifax County, Virginia, whose exhibit of thirty ears of Boone County White at the American Land and Irrigation Exposition in New York City was pronounced by the committee of competent judges to be the finest among hundreds of specimens sent in from corn growers in nearly every state in the Union.



This corn, thus stamped with the highest seal of approval known to the American agriculturist, was originated in central Indiana, about twenty miles from Indianapolis and the prize corn was grown in the south central portion of Virginia, on a farm of some five hundred acres lying along the Southern Railway, whose territory in this section offers the finest lands obtainable for general farming purposes. Despite the bad drouth of midsummer, the yield averaged 137 bushels to the acre as against a yield in 1910 of 136 bushels to the acre on the same land.

Mr. Dorin, the winner of the most coveted trophy offered the American farmer, is a man of the most progressive type. In competition with the Dorin exhibit at the Madison Square show were ears grown by the foremost corn breeders in the country, notably L. D. Clore, of Indiana, who won the International cup last year. (Mr. Clore's farm is also only about twenty miles from Indianapolis.)

The farm on which this prize corn was produced differs not much from surrounding lands in the southeast. Mr. Dorin purchased the place about five years ago, for the sum of $8 per acre for 560 acres. Today lands in the same region are worth from $15 to $35 per acre, and Mr. Dorin has refused an offer of $100 per acre for a certain portion of his farm. These figures are indicative of the possibilities of the vast acreage of available southern lands to be had today at such low prices, as the winning of the Grand International cup is illustrative of the yields which may be made from these same lands with proper methods and an intelligent system of agriculture.

With the immense corn crop made in 1910 by the southeastern states the corn belt had begun to be changed from its time-honored position. The capture, by a southern farmer, of the International trophy, and the record made last year by Jerry Moore, of South Carolina, who grew 226 bushels of corn to the acre, combined with the tremendous crop of corn harvested last season in the south, still further demonstrates the truth of the claim that the southeast is the ideal general farming section.

Thrilling Moments in a Racing Auto

By Harry Cobe

THE driver of a racing automobile may have nerve and grit enough for ten men—but he is human, all the same, and subject to the thrills and starts and suspended heart beats that assail the rest of humanity in moments of exciting happenings. And because a man feels the hair on the back of his head stir and little chills chase up and down his spinal column, it does not follow that he is losing his nerve. Those sensations are merely the signs of the play of human emotions.

I have felt them time and time again; and so has any driver who has competed in so much as one race. At those times a man's brain acts like chain lightining. He must see instantly the way out; by instinct he must do the right thing—a tenth of a second's delay may spell ruin.

Of course, it is necessary to take chances. A man can not do anything but accept what comes his way and make the most of it. I'll give you an instance:

In the Indianapolis sweepstakes last May I was forced to accept a chance that fairly ran over with possibilities of dire results. A car behind mine threw a tire—which, as tires always do, raced ahead of the car. It also raced ahead of mine, for the other car was close up behind.

The tire swerved directly in front of the Jackson. I could not stop. I could not turn aside. I could only drive straight ahead. The car went safely over the tire, but the jolt was so terrific that it tossed Miller, my mechanic, out of his seat to the gasoline tank behind. Fortunately for him, he gripped something and hung on until he could crawl back into his place beside me. We got away with that chance because both of us remained cool and collected.

Possibly the man who has never driven a race can not understand the lust of speed—the nerve-shredding impatience of the slightest delay at the pit—which lays hold of the driver with grips of steel.

In the same race—the sweepstakes—we had stopped for water. Of course I let the motor run and remained in my seat. While Miller was struggling with the radiator cap—radiator caps are always stubborn, anyhow—I let in the clutch and we were off. Miller—cool head that he is—threw himself across the radiator. Then he got his feet on the front axle, and climbed to the hood. There he finished putting on the radiator cap and then climbed back, over the hood, to his seat. By that time we were going seventy-five miles an hour. Of course he took a chance—and won.

Different Clothing

A German entered the store and peered anxiously all around. An active young clerk stepped up to him and said: "Are you looking for something in men's clothing?"

"No," was the quick answer, "I don't vant not'ing in men's clothing, but in vimen's clothing; I vas lookin' for my vife."

More Like Business

"Why did you marry George instead of Charles? They both wanted you."

"Charles said I had eyes like violets, cheeks like roses, and lips like cherries."

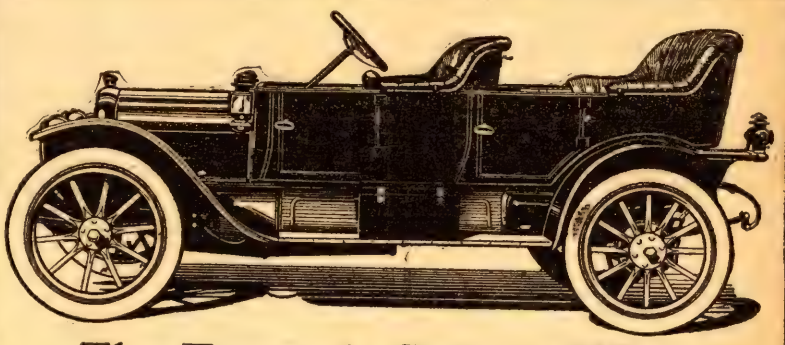
"That was certainly very pretty."

"Yes, but George said I had eyes like diamonds, teeth like pearls, and lips like rubies. That means something. Those other things just grow."

If you have no incubator do not let this winter pass without getting one. Every farm can make more money with an incubator. Raise chickens easier and when they will command the price. If you want sure hatches send for catalog to the Sure Hatch Incubator Co., Box 28, Fremont, Neb.

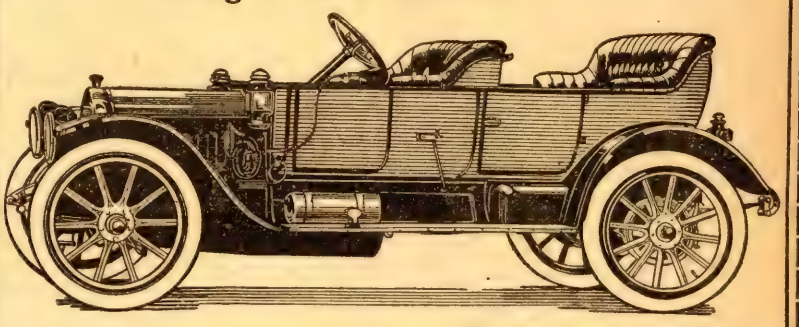
Best Maryland small fruits and trees can be gotten from M. F. Allen, 82 Market St., Salisbury, Md. Write for catalog.

If you are seeking a new location with larger opportunities write to M. V. Richards, Southern Ry., Room 96, Washington, D. C.



The Farmer's Car—A White

THERE are certain fundamental advantages which the farmer demands of a motor car before he is interested to the point of buying. Probably no class of men are more critical of the mechanical principles involved than the farmers, because of their constant operation of farm machinery. To them—the simplicity of White motors—the total absence of complicated parts—appeals at once. They know it means that the engine is easy to care for—that adjustments are made without any waste of time or energy. Trained to value mechanical excellence as well as economy in operation, farmers are quick to grasp the possibilities of the medium-sized cylinders and the long-stroke engine of the White car—quick to see the economy in a transmission having four forward speeds instead of three. In other words, the farmers are better equipped by their experience to appreciate the designing and building of the White car.



A Farmer Wants the Best

BEING a judge of principles and construction, a farmer is willing to pay for the car that comes up to his expectation. Size for size, or power for power, the White gasoline cars are the most economical motors to operate. No design has yet been found equal to the long-stroke engine—no method of building equal to the cast en bloc cylinders—no materials used equal to the chrome-nickel steels and vanadium steels, heat-treated. Even the frames of the White cars are heat-treated. Nothing but ball-bearings are used throughout. If there is a kind of steel—kind of radiator—any refinement of manufacture—which you know would make a car better, you will find it in the White, and that is why the White gasoline cars are so wonderfully efficient and cost so little to operate and maintain.

Let us send you our latest catalogue and testimonials of the actual experience of users—hundreds of them—they know.

The White Company

East 79th Street, Cleveland

"TRUSTWORTHY"
SHARPLES
Tubular Cream Separators

Two men ask you for work. One always does as you expect. The other needs watching. Which will you hire?

Apply this rule to cream separators. Sharples Dairy Tubulars are trustworthy. They are free from the many parts and faults of others. No disks. Double skimming force. Doubly clean skimming always. Wear a lifetime. Guaranteed forever by America's oldest and world's biggest separator concern.



No others are so built or so guaranteed. All others are complicated—will go wrong. Then you lose heavily. They need watching.

Which kind for you? The trustworthy Tubular, of course. Write for catalogue No. 136.

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from a Bone Spavin, Ring Bone, Splint, Curb, Side Bone or similar trouble and gets horse going sound. Does not blister or remove the hair and horse can be worked. Page 17 in pamphlet with each bottle tells how. $2.00 a bottle delivered. Horse Book 9 E free.
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Gives ample power for all farm uses. Only three moving parts—no cams, no gears, no valves—can't get out of order. Perfect governor—ideal cooling system. Uses kerosene (coal oil), gasoline, alcohol, distillate or gas. Sold on 15 days' trial. YOUR MONEY BACK IF YOU ARE NOT SATISFIED.
5-year ironclad guarantee. Sizes 2½ to 20 H. P., at proportionate prices, in stock, ready to ship. Postal brings full particulars free. Write for proposition on first engine in your locality. (116)
Detroit Motor Car Supply Co., 62 Canton Av. Detroit, Mich.

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UP TO DATE LIVE STOCK AND DAIRYING

Why They Are Happy

"The snows and winds don't bother me,"
The horse exclaimed with joy;
"My stall is warm, my bed is dry—
There's nothing to annoy."
"We, to, can praise our master's ways,"
Said happy cow and mate;
"We're lucky 'cause we're owned by one
Who reads good UP-TO-DATE.

HOG CHOLERA

THIS plague has perhaps never been so fatal as it has been this closing year, nor spread so generally over the country. By authority of the Kansas State Agricultural College the following statement was issued a few weeks ago:

The hogs of Kansas have never been so afflicted as they have been this summer and fall. Cholera is everywhere. The serum treatment is effective, but the hogs died so fast that it was impossible to obtain the serum fast enough. The disease has been unusually widespread and exceptionally fatal. As a rule, hog cholera dies out early in the spring or summer, but this year the dry, hot summer kept the germs alive so that the cholera went on almost unchecked. Intermittent dry and wet weather might have killed the germs. Usually cholera breaks out in the fall, but this year the big outbreak came early in August, one or two months ahead of time.

Reports almost like the above come from many localities. The past summer has been one of strange fatalities. Crops have failed or been cut short with no specially plain reason for it, and many products have been of such a quality as to make them almost unusable. This is particularly true of corn in some localities; the so-called "nose worm" was never knewn to be so bad. Much of farming success, we believe, depends upon a wet spring next year.

HORSES RUNNING OUT IN WINTER

MANY farmers, especially in New England and the North, believe it necessary to warmly house horses during the entire winter. This makes expensive wintering and gives more southern latitudes where horses run out much of the time all the year, a great advantage over the regions mentioned. The Department of Agriculture has been experimenting along these lines, and finds that at the Morgan Horse Farm near Middlebury, Vermont, horses may have liberty to run out in the coldest weather with apparent advantage to themselves, and at a great saving of cost for attendance and keep. In 1910 cheap barns were built in three pastures, each barn having a door in each end, two of them having a door in one side, facing either south or east. Hay storage was provided for overhead and grain storage at one end. A hay manger runs along the inside of the back wall and a grain trough is outside. One or all of the doors are open all the time and plenty of bedding is provided.

The yearling fillies and brood mares were given these accommodations during the winter of 1910, but the brood mares were brought up to the main stables about three weeks before foaling. This first winter's trial was completely satisfactory. The horses had a roomy bed that was always dry and free from draughts, and they were free to come and go as they wished. No colds or coughs were observed, and the horses were undoubtedly better, say the Department authorities, for their winter outing, and the cost of stabling and attendance was materially reduced, but practically the same amount of feed was consumed.

The leading stallion at the farm has, for a year, been given the run of a tightly fenced paddock of about three-fourths of an acre, to which he has access every day in winter, and day and night during spring, summer and fall. In this time he has never worn a blanket, and has never been in better health or spirits, or more easily handled.

The experiments indicate that horses may run out during the winter provided they have a dry bed, are sheltered from storms, and are given enough to eat, and that the cost of their keep may be very much reduced.

Secretary Wilson tells of a twenty years' experience with horses on his own farm in Iowa. He puts the horses out at coming to two years old. At first he built a shed for storm, but found they would not go into it no matter how severe the weather. They preferred to go into a heavily timbered ravine where they got all the shelter they seemed to want. A colt is never taken out until he is to be sold or broken for work. The hair of the animals grows long and thick and protects them. Unless the snow is too deep horses paw the range for the blue grass, or other perennial grasses, as will sheep also, but cattle do not. For the average farmer, who has but few colts growing up, we do not altogether approve Mr. Wilson's method, for colts of that age should be kept close enough to be kept tame by frequent handling. It is too much like the western range method, that results in too many unmanageable horses; but it and the preceding experiments demonstrate that horses may do well, and even better, without so much expensive housing.

Too Big a Job

An Englishman, noted for dropping his h's from the beginning of words, waiting upon the guests at dinner, observed that the soup had become too cool, and called to the waiter: 'Ere, waiter, take this soup out and 'eat it up!"

HEALTH TO HOGS

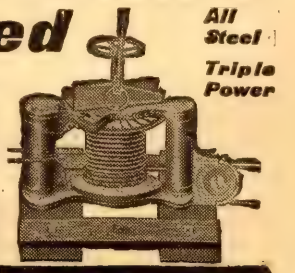


Mr. Farmer:
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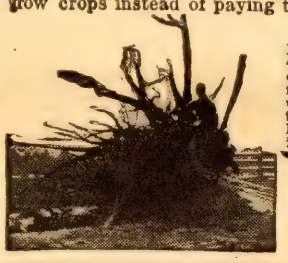
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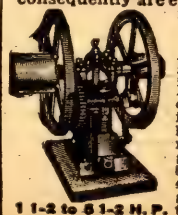
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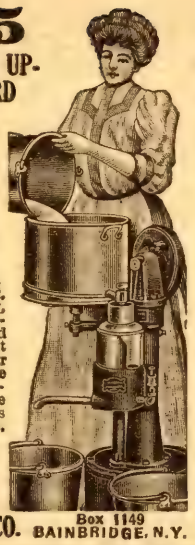
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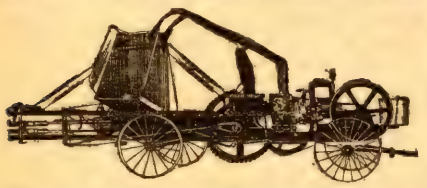
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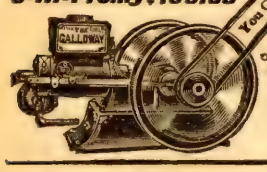
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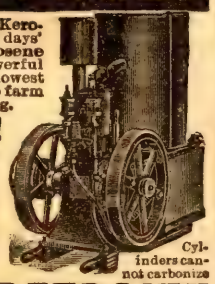
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A FEW NOTES

BEWARE of feeding rotten or moldy corn to horses. There has seldom, perhaps never, been a corn crop of such poor quality as that of 1911, and moldy corn is very abundant. It is safer to carefully select what is fed to the horses.

Do not feed horses too much hay, especially previous to doing hard work. Hungry horses are liable to fill themselves too full, and it is easy to injure a horse whose stomach is over full.

Clover hay that is well cured and nicely kept, is good feed for horses, but if given in large quantities, they are liable to eat too much. It is moldy, dusty and badly cured hay that is injurious and that kind should never be fed.

Take care of the horses; keep them in good condition and sleek; teach them style in their movements. There is always a good market for that kind of horses, and the appearance and general bearing depends largely upon the treatment. The "good" horse is almost always in good condition and attractive.

Horses should not be allowed to reach up for their feed. Their eyes are too liable to be injured by seed and dust falling in them.

Chickens should be allowed to run where clover or alfalfa hay is fed. Leaves and blossoms that shatter off so the anomals can not get them are relished by the fowls in winter, and make excellent feed for laying hens.

The mare that is to bring a colt next spring should be well fed this winter, but she should not be allowed to have too much hay or other roughness at a time—she should never be allowed to over-feed, and she should have water frequently and regularly. She should have some grain, but not too much. The brood mare should not be too fat. She needs protein feed, and that she gets from good, well-cured hay, timothy, clover or alfalfa.

It requires thoughtful intelligence to get the best out of a milch cow, saying nothing of a dairy herd. The individual that sees nothing but to rush up to the cow, pail in hand, and jerk from her as quickly as possible, what milk he can get in that way, and then off, as though life itself had been finished, does not know whether he or the cow did well or not. Take time. Take pains. Think. The person whose mind is not on his work, can not do the work well, no matter what the work is.

Hogs need something more than corn. They have a digestive and assimilative system to be kept in condition the same as other animals have. Charcoal, ashes, soft coal screenings and salt—these are all needful and helpful. The salt should be given occasionally; access to the others all the time is not harmful.

There is money in stock, but don't get more than you can treat well or properly handle. One may have too much even of a good thing. It sometimes pays, however, to buy feed for stock. In doing that, if you manage it properly, you are buying two things—feed and fertilizer. Make every edge cut.

There are all kinds of scrubs—scrub crops, scrub stock, scrub teams, scrub tools, scrub farmers, and scrub incomes, and they are nearly all found on scrub farms. A bit of thinking and a little hustling will get out of it all.

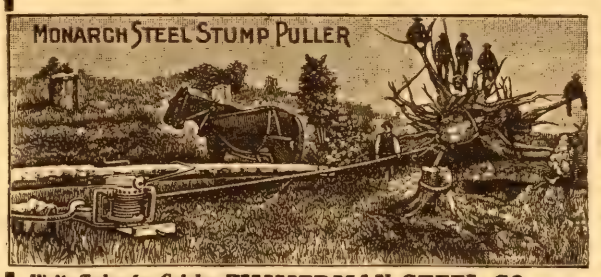
The renter is handicapped. There are many things he would do if the farm were his own. Still there are many things that could be done that the average renter does not do. The renter needs an active mind and an intelligent judgment. He should ever keep uppermost in his mind the rights and interests of the owner of the farm, and, carefully observing these, he still has a wide scope in which to plan for himself and family. Hustle wisely and get a little better off every year.

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"Oh, yes there is. I see millions in it."

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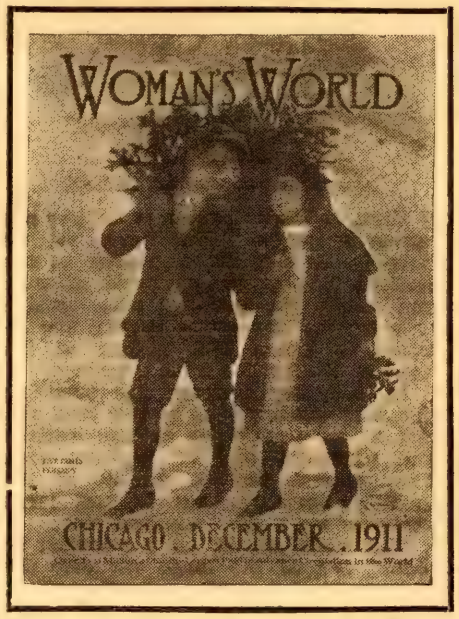
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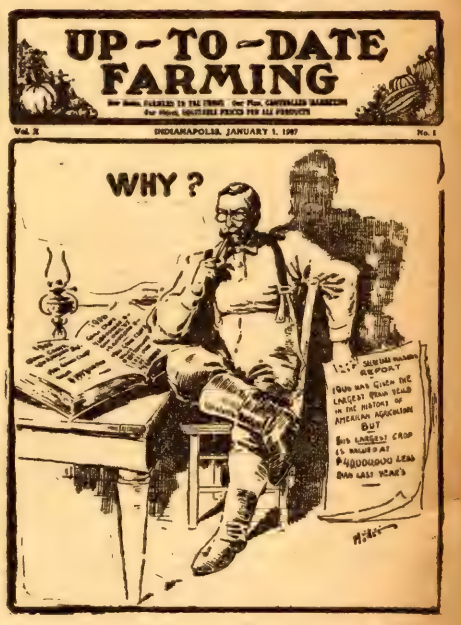
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is the only machine made that measures up to this Government Standard—that has every feature the experts name and it is therefore the only Incubator that is perfect.

The perfect Sure Hatch will hatch stronger, healthier, thriftier chicks and more of them with less oil, and less care and attention than any other. Has special improved type of hot water heater. Sold direct with only one small profit added to factory cost.

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Lamp is underneath, in the center—Thus most even Temperature is kept all the time in egg-chamber. Oil tank holds 4 to 8 quarts—automatic trip cuts down flame at burner when egg-chamber gets too hot. No waste, no excess heat—So only 1 gallon oil is needed.

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This reliable, high-grade and safe hatcher, now better than ever and down to bed-rock price. Is built of best material, has three thicknesses of walls, top and bottom, all covered with asbestos and heavy galvanized iron. Has heavy copper hot-water tank and boiler, easy to heat, metal safety lamp, requiring little oil, self-regulator, tested thermometer, etc. Also high nursery and strong metal legs. So simple a child can operate successfully. None better at any price. Direct from factory to user—no middle profits—under binding guarantee and long-term trial. The result of 17 years' experience building incubators and raising poultry. Write at once for big free catalogue and poultry book. **Brooders from $2.50 up.**



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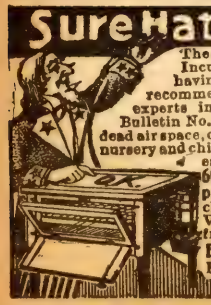
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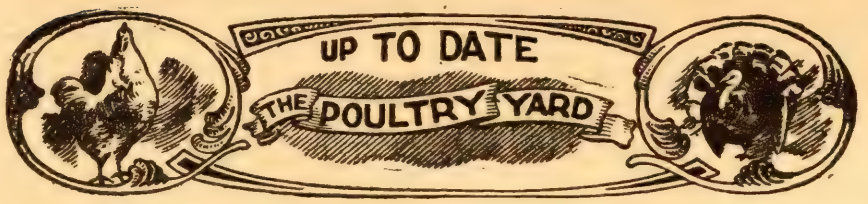
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After and Before

The turkey gobbled joyfully,
"Ive passed Thanksgiving perils."
"That may be true," said mother goose,
"But next come Christmas heralds."
"We're never safe," the rooster crowed,
"From ravenous human feaster."
"I think I am," the hen replied,
"He wants my eggs for Easter."

THE FUTURE TURKEY CROP.

THANKSGIVING and Christmas always bring up the turkey question. There is complaint of a general scarcity this year, and yet prices have ruled low. The fact is, under the present system of marketing, one can scarcely count on the price of anything. But it is entirely safe, we think, from a financial standpoint, for farmers to raise turkeys, and now is the time to lay the plans and prepare for it.

There are six standard varieties of turkeys—the Bronze, Narragansett, Buff, Slate, White, and Black. The Bronze and the Narragansett are the largest, the Buff and Slate are the medium, and the Black and White are the smallest. The smaller breeds, however, are being rapidly developed, and are now rivaling the medium in size. Especially is this true of the



ADULT BRONZE TURKEY (MALE)

Whites, or White Hollands, as they are generally called. For hardiness we have found the Bronze rather in the lead, and as these are rapid growers and attain the greatest size, rivaled only by the Narragansetts, we are inclined to place that variety at the head of the list for farm growing.

In selecting turkeys for breeding purposes, always take hens a year old, and be sure they are strong, healthy and vigorous, and of medium size. They should be the largest of the smaller varieties, but of the large varieties we prefer medium size.

The male should be a yearling or older; and of the large varieties the largest males are not the best. Strength, health and vigor, with well proportioned development, are the main points to consider. Naturally there is required but one mating for an entire clutch of eggs, and this shows the importance of the mating to insure the fertility of all the eggs. There should, therefore, not be too many matings for the male, nor should there be danger of disturbances. Hence it is better that not more than one male should run with the flock at the same time. If there are too many hens for one male, many successful breeders who keep two or more males, allow but one to run out at a time and on alternate days. Some claim that four or five hens are enough for one male, others say that twelve are not too many, and fertile eggs have been secured with twenty hens and one male; but the smaller number are safest, particularly during the first matings of the season. Those who buy their stock to begin with usually take three or four hens and one gobbler.

Be careful that the hens and the males are in nowise related. Inbreeding shows bad results in turkeys quicker than in any other fowls, perhaps. Strength and vigor are the main things in the breeding of this bird, and these are the qualities that are lost by inbreeding.

A noted New York judge of poultry says there is no other kind of live stock that will return so large a profit to the successful producer as will poultry, and no kind of poultry is more profitable than turkeys when properly handled. From the time turkeys are six weeks old until winter sets in they gain the greater part of their entire living from bugs, grasshoppers, and other insects and waste grain on the farm.

WOMEN AND POULTRY

A PROMINENT writer in one of our leading weekly publications, says:

Keeping poultry is a business that woman has taken to as a ready means of making an income that will supply her with ready cash for her own immediate needs and help to swell her bank account. In the past she has been satisfied with a few boxes, old barrels and by-places for nests, and almost any sheltered place for perches. But now things are changed. The business pays such dividends that an up-to-date plant is needed. There must be a first-class hen-house, so arranged that the light and temperature can be controlled. There must be yards for exercise in summer and scratching pens in winter. The ration for feeding the chickens must be scientifically and properly compounded in order to get the best results. Poultry diseases and pests must be well understood and the means of obviating and controlling them also understood. All these things, women seem to learn readily and cope with the difficulties successfully, if given a chance.

BOWEL LOOSENESS IN FOWLS

Looseness of the bowels or diarrhea is quite too often mistaken for cholera; but such looseness may come from any of several causes, such as bad feeding, dampness, filth or infestation with lice. The removal of the cause is the very best cure. Feeding boilel rice and a little charcoal will prove of great benefit. The remedy most often used is a mixture of equal parts of ground ginger, cinnamon, cloves and cayenee pepper. This is mixed into the mash food, about a stroked teaspoonful to a dozen very young poults, or chicks. For larger or grown fowls, either turkeys or chickens, give doses in proportion.

Why He Cried

New Style Singer—Yes, George is very tender hearted. He sheds tears every time I sing in his presence.

Grouchy—I've known lots of men that could not bear to see anything butchered.

Widens Out

"I consider gossip a very narrow habit."
"That is true, but it spreads a great deal."

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Remarkable Discovery That Cuts Down the Cost of Paint Seventy-Five Per Cent.

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26-inch Hog Fence, - - 15c. per rod.
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Special Barbed Wire, $1.40 per 80-rod spool.

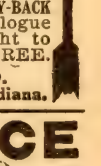
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Box 88 Winchester, Indiana.

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11½ cts. a rod for a 26 in. high hog fence; 16 1-2c. a rod for 47 inch high stock fence: 28c a rod for a 50-inch heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barb wire, 80 rod spool, $1.40. Catalog free.



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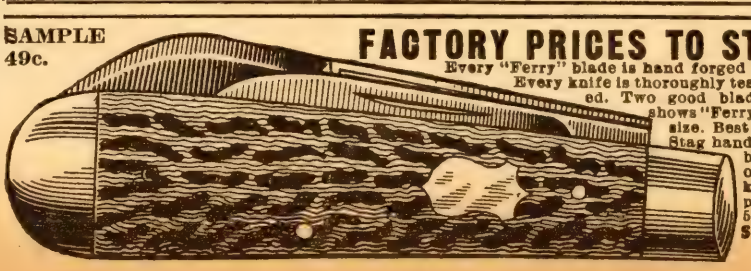
The time has arrived when the farmers of the middle west must do something to keep up the *fertility* of their land and increase their *crop yields.* This can be accomplished by the Campbell System of

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S.E. Ferry, Dept. A Irvington, Ind.

What the Publishers Saw

WHERE were they? What were they there for? What did they see, anyway? They were down at Bill Galloway's, at Waterloo.

They came there because he asked them to come, and they saw all that Bill Galloway had to show them.

More than two years ago our representative sitting in Galloway's office heard him say something to this effect:



"Some of these days, boys, we are going to have right across the street there," and he pointed with his pencil out of the window of his office, "a building just like this, or bigger, where we can invite our friends in, show them the goods we have for sale, take them upstairs and give them the best dinner it is possible to get in Waterloo, and keep them over night in a comfortable room, if they are going to stay in town."

It looked like a dream, and he simply dropped the matter right then and there apparently, and we went on with the other things we were discussing at the time.

But it wasn't a dream, or at least, if it was it certainly came true, for right out there across the street, just where he pointed with the pencil two years ago, there stands today a solid block of concrete reinforced with steel. It is called the Galloway Agricultural Club. It is "dedicated to the farmers of America, their wives, sons and daughters." It's two stories high, the windows are broad and high, the doors are big.

Down stairs, just as he said there would be, is the big lobby and reception room, with fine rugs, comfortable chairs, fire place, magazines and the like, so that a man can just simply make himself at home. Nothing is too good for Galloway's visitors.

On the first floor is the big, light room, over 150 feet long, crammed with samples of everything Galloway has to sell. A man can do all his buying for the year right on that floor.

Upstairs, just as he said there would be, is the biggest dining room in Waterloo, a great big, elegant kitchen with everything right up in style—the latest, cleanest, nicest kitchen a woman ever saw. There are fire places in this dining room, and everything is just as cheery and bright and comfortable as a man could wish to have his home to be. Upstairs, too, just as he said there would be, are sleeping rooms, comfortable, warm and well furnished, and I can testify to their sleeping quality. They are all right.

Upstairs there is one more thing I did not mention that you ought to know about, and that is the assembly room with comfortable folding chairs, a piano, a platform, and plenty of room, where the Galloway employees hold their booster meetings, their Galloway Lyceum and their entertainments. It's made the center for the social doings in the neighborhood.

Oh, about those publishers! We plumb forgot them and how they came to be invited down to take dinner with Galloway and his boys.

He wanted the publishers who have been advertising Galloway so long to come in and get acquainted, to see how the engines were made, how the spreaders were put together, how the cream separators come to be so smooth running and durable as they are. Galloway wanted them to have a good time, and from the time they landed in Waterloo, some of them in the early hours of the morning, to the time the last train went out at night, those lively publishers certainly had things moving.

We saw Waterloo in droves of automobiles, the thousands of workingmen's homes that make Waterloo what she is—a place to live in. We came out to the Galloway plant, and in twos, tens and twenties, went over the engine factory. We watched the automatic machinery that can't make mistakes. We saw the great foundries that turn out the castings that Galloway uses. We saw manure spreaders in the white—absolutely naked—not a stitch of paint or varnish on them. We saw the experimental rooms which mighty few people ever see, where day by day they try out all sorts of plans for improving or building new machinery. We saw hay machinery and harrows. We saw portable elevators and litter carriers. We saw washing machines and incubators, all made in the Galloway plant. What we did not see wasn't there.

Another thing we saw: 300 feet from the Galloway Administration Building is a corn field. Across the road from that they tell me they had rye last year, and they tell me that five years ago the corn field occupied the place where the Galloway factory now stands. It has been a marvelous growth. The greatest example of the effect of co-operation between a manufacturer and the farmer that there is in the United States.

And that Agricultural Club, where we took our dinner, and had our fun. Complete is no name for it. It's got everything for a man's comfort, and reading and rest rooms for his wife, if he is so lucky as to have her along with him.

Bill told me (excuse me, his mother called him Willie, his father called him Will, but we fellows who know him best, we just call him Bill)—Bill told me that he would like to see every customer he had in the world this year out at Galloway. He says, "Say, there would be a crowd of them, but I would sure try to take care of them some way, but all those that can come I want to have them come and I will make them just as comfortable as I know they would try to make me if I should go to visit them."

It is an open invitation, whether you are a customer or not, for you to come to see Galloway and enjoy the Agricultural Club when you come to Waterloo. We publishers had the time of our lives. We got acquainted, we saw what Galloway had, and the only thing that I have got to say is, we hope we will get our invite soon again.

Mr. M. W. Savage, the famous horseman and business man of Minneapblis, offers our subscribers a reproduction in 14 colors of the famous painting of Dan Patch. Dan is the fastest harness horse the world has ever seen. His record is 1:55. Tell Mr. Savage how much live stock and Poultry you have and mention UP-to-Date Farming and the picture, suitable for framing, will be sent. Write M. W. Savage, Minneapolis, Minn.

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I Want Only 5,000 More Men To Join Me In Owning The Dan Patch Electric Line

And then "The People" will truly own and control a 110 mile electric railroad and its earnings. 6,000 of my Customers and Friends have already joined me.

Today we have 40 miles Built and Paid for—and it belongs to us. We are now extending on south and expect to have 70 miles in operation this year, Through The Garden Section Of Minnesota.

5,000 more Stockholders for one to five shares will complete the "Dan Patch Electric Railroad" to Rochester, Minnesota—a total distance of 110 miles—without a cent of indebtedness, so that it should be in a position to earn *big money for the stockholders*, day and night, as long as you live.

Write Me or Come and See For Yourself.

Will You Help Prove to the World

That Small Investors Can Handle Big Enterprises

Regardless of the dictation of financial centers? Will you be one to help prove the people's financial rights in the only practical way to stop the centralization of money? I believe the people can easily own and control many of the great enterprises and make them earn big money for many instead of for a certain few—one proof of what the co-operation of small investors can do, is 40 miles of road now in operation and all paid for, and extension being rushed on south from Northfield. High class road bed, best ties, 80-lb. open hearth rails, concrete culverts and small bridges, $50,000 steel drawbridge over the Minnesota River, Magnificent 65 foot All Steel Cars, smoking compartment, men's toilet, fine Ladies' Dressing Rooms, with ladies' toilet.

14 Daily Passenger Trains in Successful Operation

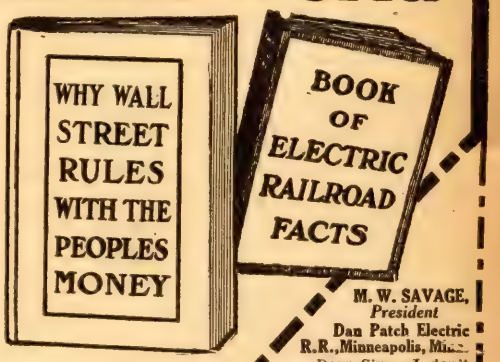
An immense Freight Business is waiting the completion of our road. 33,000 cars per year have been promised, in writing, at the start. Everything's going with a rush—I think the road is well termed, "The Dan Patch." Dan Patch 1:55 has always been a great winner and the Dan Patch Electric road promises to equal Dan Patch's record.

"The People" absolutely own and control the Dan Patch Electric Railroad.

They can elect a new President at any election. I can hold office only at "The People's" pleasure because the small investors own control of the voting stock.

Consider this carefully and let me give you *facts* on which to base your decision. I do not expect to convince people who allow others to think for them or people who are "financially tied down" so that some other fellow can force them to do as he may desire. *I appeal to an intelligent, thinking, free people.* 97 per cent of our stockholders own only one to five shares of stock which makes it truly "The People's Railroad." I just ask the opportunity to prove to you that the people can absolutely build, own and control The Dan Patch Electric Railroad for all time and make it earn big money, day and night, for *every* stockholder. Write me and see what The People can do when they wake up to their Mighty Strength of co-operation. Send the coupon or postal for the two valuable investment books, over-flowing with hard facts—dollar-earning facts that will amaze you and show you a road to big returns, no matter if you only decide to make a small investment. **Send Coupon now, address me personally.**

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CADETS of EQUITY

This Department is for the special instruction and amusement of Our UP-TO-DATE Young People, and to give them a chance to express themselves in print, and to exchange thoughts with one another. Everyone that writes a letter that is printed in the paper becomes a CADET of Equity, and everyone that sends a NEW subscriber for one year—30 cents—will be made a PIONEER of Equity and sent a collection of twenty (20) beautiful colored and embossed post cards. Address, CADETS OF EQUITY, UP-TO-DATE FARMING, Indianapolis, Ind.

CHRISTMAS and New Year! What a time for using post cards! And how easy it is to get the most beautiful cards from the great publishing house of Up-to-Date Farming. Thousands of our friends, young and old, will, this season, send millions of these cards to make their friends happy, and at the same time give something to put away in memory of the friends that sent them.

What a vehicle of friendship are these post cards between the Cadets of Equity. And we can assure every sender that every card received by a Cadet is duly appreciated. And we are right now in the Christmas and New Year season, the season of good will and good wishes. Let the post cards be the happy bearers of these glad messages, carrying with them sunshine even in winter. And we wish to appeal for those whose names and addresses only are printed. That is no fault of theirs; nor is it any fault of ours. We do the best we can. The omitted letters are as interesting as those that are printed. Send those writers cards the same as to the others.

But where get the cards? If you could look into the Card Room of Up-to-Date Farming the question would answer itself. See the offers in Up-to-Date. It is easy to get the cards. Next issue we begin a New Year. We are so anxious to begin the year with a doubled subscription list—quarter of a million of interested readers! Shall we do it? Will you help us?

We begin our letters with an interesting one from a young man whose home was over the seas, a former subject of a government which frowns upon progress, and scorns such a thing as freedom among its people. We welcome him to this great country, and to the Cadets of Equity.

Dear Cadets: I am an American student in an Agricultural College. I have been in this country for seven years. Last June I was naturalized. When I came to this country the freedom of America suggested to me that I was in Paradise, in contrast with the fanatical and tyrannical government of Turkey. It is not surprising then with what sadness I noted the attitude of some Americans toward the blessings and opportunities offered by this Great Republic. I know many boys and girls whose parents would be glad to help them through higher institutions of learning, but they don't want it. On the other hand, a great many boys like me must struggle for an education; and I frankly say I am glad of the privilege of being one of those who must face obstacles and conquer them in order to heach their goal.

To have an opportunity to better myself (in my country we were deprived of that privilege by the Turkish government), to be free to use my good influence whenever opportunity presents itself, to be privileged to take part in government affairs whenever I am ready, has created within me such a sense of gratitude toward America that could only be paid for by constant and honest endeavor to uphold the institutions of your country, and now mine as well. My love for America has increased my love for my fatherland. In fact, it was here where I learned the brotherhood of man. Now I meet everybody—"Jew or Gentile, bond or free"—on their own ground, and esteem them for their merits. I love all, even the Turks, whose policy has always been to exterminate the Americans. I have learned that the only way to punish a bad man is the discipline that will make him become good.

I am all alone in this country, but I have many kind friends, and I am always glad to increase the number of my friendships. I shall be glad to hear from the Cadets.—Bagdasar K. Baghdigian, Dexter, New Hampshire.

Dear Cadets: I am going to take one of the best plans available to make the acquaintance of thousands of young people—by writing a letter to Up-to-Date. I have been reading this paper for three years, and I shall continue to read it, because it is one of the best papers of its kind that is published. I think the Cadet page is a "sparkling bit of a brilliant whole;" but I find the other parts of the paper very helpful to me, as I have just begun farm life on my own responsibility. I am 23 year sold, and I am a homesteader in the State of Washington. I came here in April of this year, and bought a relinquishment that joins my brother. We are amateur photographers, and I find many nice views to try my skill on. I can hear the roar of Trilby Falls from my cabin, and Crystal Falls are only one mile away. I shall try to send each Cadet that sends me a card or letter, a view in this part of Stevens county. I am a bachelor, but as I did second cook work in Michigan in a camp of 90 men, I do not find it much trouble to cook for myself. We have fine hunting and trapping here. There were several cougars killed near my place last winter. I will be delighted to receive letters or cards from any or all of the Cadets, especially those in Western States.—Art. A. Towne, Calville, Wash.

Dear Cadets: I am a Florida girl 18 years old. I have been reading the letters from the Cadets only a few weeks, but I enjoy them so much. I graduated from Miami high school last May. I live on a farm of 160 acres. Grape fruit and oranges are our principal crops. My father and two brothers run a saw mill. The timber in this part of the country is fine. We live 30 miles south of Miami, and are connected to it by a rock road and telephone line. I will gladly exchange cards with the Cadets.—Elsa Hainlin, Goulds, Fla.

Dear Cadets: I have been without UP-to-Date for some time, but I cannot afford to be without it any longer. It is the best farm paper I ever saw or heard of. It helps farmers get the right prices for their stuff. I have had six farm papers, but none are so interesting at Up-to-Date. I am 17 years old, and I would like to hear from all Cadets—cards or letters.—Martin Loken, Chief, Mich.

Dear Cadets. I am a little girl of 11 years. My mother has taken UP-to-Date Farming for 10 years, and I enjoy reading the Cadet letters. Nearly all the corn is husked (Nov. 12) and winter is near. Last year my mother made a club of 10 subscribers for Up-to-Date. I would like to exchange cards with the Cadets.—Estella M. Hogentogles, Millerstown, Pa.

Dear Cadets: I have read several issues of Up-to-Date Farming and I think it is fine. I live on a farm of 80 acres, and I enjoy farm life. A large county drainage ditch runs through our farm, and only a few yards from my home. My sisters and I often go there fishing of nights when the moon shines pretty and bright on the water. Four band boys, with a violin, a guitar, a base violin and a mandolin, live near us, and we often go serenading. We make up a load of young people, put the hay frame on the farm wagon, with some hay on it. Then we all jump on and away we go. We sing and the band boys play until we reach our destination. Last winter my sisters and I took 25 vocal music lessons. I like to study music, and I like to go to school. I correspond with the Philippines, and enjoy the letters I get. I have received many beautiful view cards from there. The girl I write to says she expects to come to America some time. There is much sickness where she lives. She sent me her picture, and she is barefooted and bareheaded, but her hair looks neat and her clothing fits nicely, but it is easy to see she is not "white folks." She says things are very cheap there. She has all the cocoanuts and bananas she can eat; they grow there. I would like to exchange post cards with the Cadets.—Ethel J. Haaff, Chrisney, Ind.

Dear Cadets: It cheers me to read your letters; so I will write one for you to read. I am 15 years old, and live in the old Keystone State, on a hill where we can enjoy the pure, cold air and limestone water. Our first frost came Oct. 25, our first freeze Nov. 2, and our first snow Nov. 3. Potatoes are scarce here this year. We mostly plant about four acres, and get from 1,400 to 1,500 bushels. This year we got about 200 bushels from the same acreage. I would like to exchange cards with Cadets between 10 and 15 years old.—Floyd E. Shaffer, Hyndman, Pa.

Dear Cadets: I've been a subscriber for Up-to-Date for 15 months, and it is a fine paper. I am its representative here now. I like every department in the paper, and the Cadet page is something unexcelled. I live on a 200 acre farm in Etowah county, Ala. We raise cotton, corn, potatoes, peanuts, sorghum, wheat and oats, though cotton and corn are our principal crops. I live 5 miles from a railroad, and 15 miles from Gadsden, our market town. I could write a short history of this locality, but as I am a stranger I will not be too talkative. I am a farmer boy 19 years old. If any of the Cadets wish to correspond I'll certainly be pleased.—H. Grady Bagby, Murray Cross, Ala.

Dear Cadets: I am a Texas farmer's daughter, and I have sent in two clubs of subscribers for Up-to-Date, and received many nice cards. I do think Up-to-Date Farming a fine paper, and I must renew my subscription. I do enjoy reading the Cadet letters. I love flowers and music, and I have been picking cotton, but I don't much like that job. I would like to receive cards and letters from all the Cadets; will answer all.—Delilah Tanner, Killeen, Tex.

Dear Cadets: I live in Southern Illinois, on the highest elevation in the State. I can see for miles around. We have some beautiful scenery. My father is a carpenter, and I am learning the trade, though we live on a farm of 70 acres, and take Up-to-Date. I am trapping this season, but I am also going to school. I am 19 years old, and will answer all cards or letters I receive from the Cadets. I prefer scenery cards, and will answer with scenes from near here.—Earl E. Glasco, Anna, Ill.

Dear Cadets: We have been taking Up-to-Date for about 2 years, and I enjoy reading your letters very much. I live on a farm, 4 miles from Edgerton, our nearest town, and 40 miles southwest from Kansas City. This is a fine country. We raise almost all kinds of grain and vegetables, and most all kinds of fruit do well here. I like all our farm animals, but horses are my favorite. We have 10 horses, 5 cows, and 18 hogs; also 150 chickens. I go to school every day; haven't missed a day this term, nor for the two preceding terms. I am 14, my birthday and that of my brother Orville being Dec. 3. We would like a card shower.—Lizzie Campbell, Edgerton, Kas.

Dear Cadets: I am an Illinois girl, and live on a 349 acre farm. This is a nice farming country; we raise corn, wheat, oats, barley and rye. I will be 16 Dec. 21, and would like a card shower. I will answer all.—Julia C. Schick, Deer Creek, Ill.

Dear Cadets: I am a California boy 17 years old, and I live in the mountains of Lake county. I am interested in the Cadet page of Up-to-Date, as well as in the rest of the paper. Ours is a goat ranch, and we have a fine range for them. I also trap for furs during the winter; have just started for this winter, and have 3 fox pelts. Would like to exchange cards with all the Cadets.—Enrique Mahnke, Kelseyville, Calif.

Dear Cadets: I have been taking Up-to-Date Farming for a few years, and think it is O. K., especially the Cadet page. Some of those Cadets can certainly write jolly letters. I live on an 80 acre farm in Western Michigan; our county seat is Manistee. It certainly has been snowing here for a few days, and it will soon be time for ski riding. I will answer any correspondence I receive from the Cadets.—Otto Olesen, Chief, Mich.

Dear Cadets: Please admit a New Mexican. We have taken this paper for some time and like it very much. I am quite interested in the Cadet page. I have lived on a farm all my life. We have a fine farming country here; we raise almost everything but tropical fruits. This is an irrigating country. We are about 5,300 feet above sea level, and enjoy the finest climate. I would be pleased to hear from some of the Cadets. My age is 18 years.—John M. Goodding, Farmington, New Mex.

DEAR CADETS: I am a farmer boy, 13 years old, and live on a farm of 400 acres. I like farm life best. My father has 125 cattle. I haven't missed a day of school yet, and I don't want to if I can help it. I expect to be a farmer, and I would like to exchange cards with all the Cadets.—Robert Newton, Ellington, Mo.

We have an unusual list of letters this time. We are glad to have them, but very sorry not to print them. We request Cadets to correspond with these writers the same as though their letters were printed. Each one whose name and address follows is a Cadet of Equity.

Mary Edens, Leonard, Tex	15
Lelia Gordon, Willisburg, Ky	14
Lizzie Griffin, Orson, Pa	
Hazel Byers, Wiawatha, Mich	12
John L. Nightingale, Fairview, Okla	19
Rosa E. King, Sorrell, Mo	20
Alice Cozard, Oxford, Ind	16
Mae Chanler, Grant, Va	19
Maggie Ward, Edenton, N. C	17
John W. Hafer, Westfield, Tex	20
Josie Murray, Kent City, Mich	16
Ruth Wheeler, Boring, Oregon	13
Bessie C. Haaff, Chrisney, Ind	15

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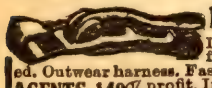
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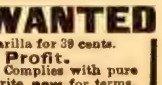
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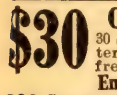
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Skunk, Mink, Raccoon, Opossum, Fox, Muskrat and other furs are **bringing high prices in New York, the best market for you to ship to.** Do you want to know **"How to Get More Money for Your Raw Furs?"**

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TRAPPING *and* HUNTING

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THE FUR MARKET

INDICATIONS point to an eager demand for furs the coming season. Prices are good, based on a substantial footing, and the market lacks the spurious inflation of a season ago.

With the prospects good for a cold winter, it looks like a prosperous year for all who will handle furs in any form. Last year we witnessed a disastrous tumble in prices, whereby not only shippers lost money, but many dealers found it hard sledding throughout the winter.

Demand for skunk promises to be unusually good, and it is possible prices will advance.

Mink prices now are good, indeed, some consider them too high, and expect a decline.

Present prices for muskrat will hold with possible advances. These are in great demand, both in America and Europe.

Red Foxes promise to be a good seller, and raccoon will no doubt hold their own.

We give below the market value on November 25, of No. 1 small and large furs caught in about the latitude of Indianapolis—40 degrees, Lat.:

Mink	$2.75@ 5.50
Raccoon	.70@ 1.85
Red Fox	2.00@ 4.00
Opossum	.15@ .50
Grey Fox	.90@ 1.50
Skunk	1.10@ 2.00
Muskrat	.20@ .45

Miscellaneous Northern Furs

Otter	$ 6.00@15.00
Black Bear	10.00@20.00
Wild Cat	2.00@ 4.00
Timber Wolves	2.00@ 4.50
Lynx	12.00@25.00
Marten	12.00@25.00

Some Good Methods

DEAR EDITOR: I like to read the Hunting and Trapping Department and I have read some very good methods of trapping in your paper, so I thought I would give what hints I know to be good, hoping that they may be helpful to some readers.

To coat traps so they will not rust, build a fire of something that will make a good smoke and hold the traps in the flame till they are warm. Then rub with a ball of beeswax, when coated hold in the smoke a few minutes and you have a coating that will not wash or rub off and having a smell that is agreeable to wild animals. Do not heat the traps very hot, just warm enough to melt the wax quickly.

When trapping on land, at the entrances of the animals' dens, a good way to fasten the trap is to cut off a small sapling or brush of about one inch in thickness, having a small branch near the bottom; cut this branch off about three inches from the butt. Bend this branch back and slip the ring on the sapling.

Set the trap in the entrance of the den as far back as possible, placing the end of the sapling in the hole. When the animal is caught it will rush back in the den and the trapper can easily pull it out by the end of the sapling. In this way a skunk, mink or muskrat will not twist or gnaw out of the trap, as when the trap is fastened, so they can not get back in the den.

I find the best set for mink to be under a rock having an opening at both sides in the vicinity of a stream. Place the bait under the rock and cover with leaves, set the trap at one end of the opening and leave the other end open. A mink will go under every rock having two openings along its route.

For bait I have used fish and mice with equally good results for mink. For muskrat I have found carrots to be most satisfactory.

Will send more methods if I hear of any new ones that are good.—EDWARD MAURHOFF, Butler Co., Pa.

Two Skunks in One Place

DEAR EDITOR: My father has just begun taking UP-TO-DATE FARMING and I like to read the Hunting and Trapping page.

Last year I caught two skunk, four civet cats, two muskrats and a badger. So far this season I have caught two skunk.

I have two Victor and one Hawley & Norton traps. The Hawley & Norton trap is a great deal better trap than the Victor. I caught two skunks in one night in nearly the same place. Here is how I caught them. The water had washed out a place on the side of a hill and made a kind of fall there and some skunks had made a hole in the bank. I set one trap here in a runway in the weeds and grass.—WALTER WHITEHEAD, Buffalo, Co., Neb.

A Successful Young Trapper

DEAR EDITOR. My father has been taking UP-TO-DATE FARMING for about two and one-half years and thinks it is a very good paper. I always read the Hunting and Trapping Department.

I have only three Victor steel traps to start with. I have caught so far this winter, eight muskrats, and think I will have one or two this morning (November 21.). I am trapping around a lake and a dam where the water runs over a grist mill.

This is my first fall to trap.—M. O. RHOADES, Oscoda Co., Mich.

Got Ahead of the Dog

"Yes, I believe my wife thought more of her pug dog when we were married than she did of me, but I think I am ahead of the dog now."

"How did you manage it?"

"The dog wouldn't eat her cooking, and I did."

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CHRISTMAS CARDS FREE

OUR readers engaged in hunting and trapping will be pleased to note the number of interesting letters published in this issue.

We want to hear from more of our readers. To encourage their writing, we offer a set of fifteen beautiful, embossed Christmas Post Cards, printed in many colors, for every letter, photo, sketch of trapping set, etc., that we can use.

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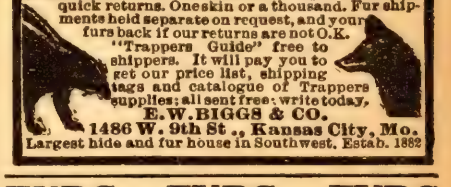
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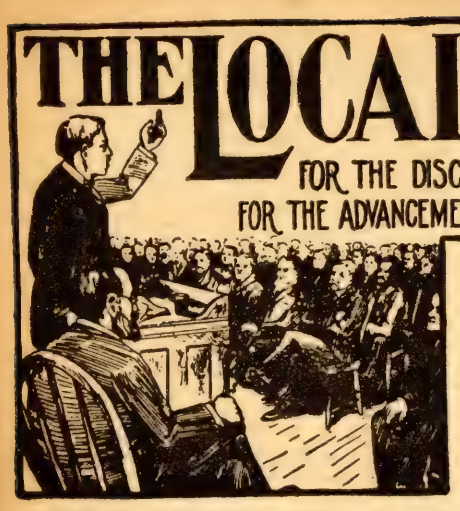
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THE FARMERS' SOCIETY OF EQUITY

Is a farmers' organization, incorporated, headquarters, Indianapolis, Ind. Its first and greatest object is *"To obtain Profitable Prices for all the Products of the Farm, Orchard and Garden.* The unit of organization is the local union.

The Membership

Shall consist of farmers and be limited to farmers. The wives of members and their minor sons and daughters may become *special members* on the majority vote of all *regular* and *special* members of the union. They may be charged a fee, or not, as the union may decide. If a fee is charged it shall be placed in the local union treasury.

The Local Union

This is the home workshop of the Society. In it must be shaped the plans and work that will revolutionize American agriculture and usher in the time when the tiller of the soil shall no longer be a mere "hewer of wood and drawer of water" for others, but when he shall be a more important and more independent member of society.

How to Organize a Local Union of the F. S. E.

Whenever a reader of UP-TO-DATE FARMING reaches that condition of mind that he believes the farmers of his community should do more of their own business of selling and buying, instead of paying an enormous price to have it done by middlemen, he should take steps to organize a local union of the Farmers Society of Equity. A local union is wanted at every market town and city. This is a *business* organization and the local union headquarters must be where the business is done, not at school houses.

The first step will be to interest nine or more of your neighbors with you (ten is the least number that may organize a local union). When you have ten or more names write to headquarters—Farmers Society of Equity, Indianapolis, Ind.—for full instructions, blanks, etc. But don't stop canvassing for names of *charter members.* Get all you can. Numbers inspire confidence and the benefits you will get from your union will largely be in proportion to the number of members.

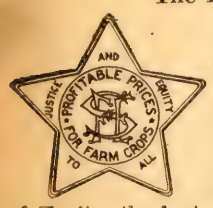
When you get instructions from headquarters you can call the meeting and organize any time. This is done by electing the officers—a president, a vice-president and a secretary treasurer—and giving the first degree—"Lesson on Co-Operation"—which is not secret, but may be given in a public meeting of the members. But this will be explained in the instructions.

The Membership Fee

Is $2.00, which must be apportioned as follows: Where the organization is effected without the assistance of an organizer, put 20 cents in the local union treasury for general expenses, and 30 cents more for extending the organization—total 50 cents. The balance, $1.50, shall be sent to headquarters and is apportioned as follows: 25 cents pays for the official paper one year; 25 cents to meet general expenses and $1.00 for organization—to extend the society.

The new organization must be reported to the National Union by the secretary, or organizer. Members may be admitted at any meeting and reported by the secretary. Reports must be clear and explicit, giving name and number of union, name and address of members, etc. (Headquarters will supply necessary blanks.)

The Emblem



of the Farmers Society of Equity is shown here. It is a demand for profitable prices for farm crops and a pledge of justice and equity to all. Every farmer should wear a button with this emblem which identifies him as a member of the Farmers Society of Equity, the best and most helpful union he ever had an opportunity to connect with.

In the "Telescope" department, this number, we deplored the lack of control of the wheat crop by farmers. What we said about the wheat crop might also be said of cotton. The prices of both of these crops have been made by dumpers.

—o—

Think of what it would have meant for agriculture if either or both of these crops would have been controlled. We will assume that the dumpers have set the price of wheat 30 cents a bushel below its equitable price and the price of cotton 5 cents a pound below an equitable price. Each producer can figure his loss on this basis.

—o—

Is this to be repeated every time there is a large crop? It may not be for cotton or wheat next year, but it is almost certain to be for some crop. Nearly every year one or more crops are large. Just as long as the farmers do not understand the power of controlled markets, and as long as they do not have a set price to look forward to and ask, and hold for, large crops are going to sell at low prices, to the producers, and lose them hundreds of millions of dollars.

—o—

And we do not mean that every farmer must learn the lessons of controlled marketing. And it is not necessary that all the producers of any crop should know the price and hold for it. We have said before that if the visible supply could be prevented, or kept small, no matter how much is out on the farms, held for the price, that price would be paid.

—o—

To illustrate: The visible supply of wheat is now 76,000,000 bushels. (This is the greatest visible supply we have any record of.) Estimating that 400,000,000 bushels of the 1911 crop has been marketed, then it follows that if one bushel, or 19 per cent., would have been held back out of each 5 1-4 bushels marketed, there would not have been any visible supply.

—o—

Or stated in another way: The wheat crop of 1911 was 655,000,000 bushels. Sixty-one per cent. has been marketed, if our estimate of 400,000,000 bushels is correct. There are 2,054,000 farms that grow wheat (census report). Sixty-one per cent. of these, or 1,252,940, have marketed. They have thrown on the market enough wheat to supply the demand and make a visible supply of 76,000,000 bushels, or 19 per cent. of the amount marketed. Therefore, if 19 per cent. of the farms that did market would have held, there would not have been any visible supply. More definitely, this would be 19 per cent. of 1,252,440 farms, or 238,058 farms.

—o—

So, even this year, with the enormous visible, quite unapproached before, it would not have required all the wheat growers to have controlled the marketing and compelled the price. But only 238,058 of them, out of a total of 2,054,000 could have turned the trick.

—o—

Two hundred and thirty-eight thousand wheat growers in the Farmers Society of Equity, or perhaps reading UP-TO-DATE FARMING and knowing the price, would have forced $1.25 for wheat long ago. Two hundred and thirty-eight thousand farmers, growing wheat, and acting as a unit in the control of their marketing would have guaranteed at least 25 cents a bushel more for wheat, or on the 400,000,000 bushels marketed it would be $100,000,000.

—o—

This surely suggests that present subscribers should get all their neighbors to subscribe for this paper. See on offer on page 21.

—o—

A few months ago the Pennsylvania State Grange entered into a campaign with a mercantile corporation called the United Stores Association to revolutionize the marketing of farm crops, secure profitable prices to the farmers and solve the high cost of living for city consumers.

—o—

Many of our readers can recall how the scheme was published all over the country. It was endorsed by the mayor of New York City, and it was reported the plan would be put in operation there first. The announcement was made that old standards of values would largely prevail, but the benefit would be reaped in dividends declared from the profits.

—o—

Readers of this paper know that we have always opposed capital stock corporations by the farmers, or farmers taking stock in such when the purpose was to buy crops, which the farmers own already. In short we opposed the idea of putting money into the hands of other people to buy what farmers already own. We as strenuously oppose the proposition, as far as the consumers are concerned, too. In their case, whatever co-operation they do in buying, should give them benefits, **in reduced prices,** whenever they purchase, and not wait for uncertain profits—dividends.

—o—

Well, the Grange bubble has burst. Following purports to be an official statement of the Executive Committee of the Pennsylvania State Grange:

We retract any endorsement of the United Stores Association which would help them to sell stock to Pennsylvania Grangers and advise our members not to buy stock. We admit that we made a mistake, and as an honest confession is good for the soul, so is an honest mistake good for the cause for which the mistake was made.

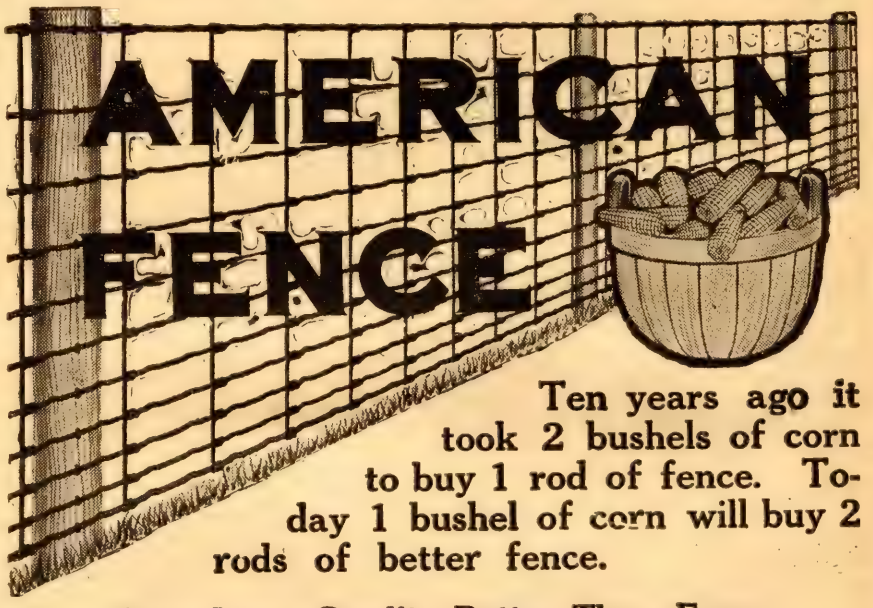
—o—

Dr. Wiley, government chemist, believes that the government should take over the distribution of food supplies. Well, we used to be opposed to such a plan, but examples of farmer's lethargy amounting almost, if not quite, to crimes against the balance of society, as seen so often this year, almost persuades us that the government ought to assume a guardianship over them. We don't hear of anybody proposing, seriously, that the government shall "take over" the distribution of machines, or coal, or furniture, or clothing. Why? Because they are distributed according to systems. Those people are business men. If farmers want the people to stop talking about making them special wards of the government, they must become business men.

—o—

Local unions and members are advised that potatoes can be shipped safely in any winter weather in refrigerator cars. When the weather is likely to be severe, the car floor and sides should be extra protected with straw and paper. Also, after the car is loaded and before it starts out it should be heated well with a stove and then closed up tight.

Higher Cost of Living Does not Include Fence



Ten years ago it took 2 bushels of corn to buy 1 rod of fence. Today 1 bushel of corn will buy 2 rods of better fence.

Price Low—Quality Better Than Ever

Within ten years farm products have greatly advanced in market value while the price of woven wire fence has been reduced. These are the reasons: Newer and improved methods of digging the ore, shipping to the furnaces, melting into steel and making into finished products are in force. Ten years ago operations were on a small scale. Today the plan of operation is vast. The manufacturer is able to deliver the finished goods quickly, of better quality and at a lower price.

American fence is made better than ever. It is a thoroughly galvanized square mesh fence of weight, strength and durability. Large wires are used and the whole fabric is woven together with the American hinged joint (patented)—the most substantial and flexible union possible. Both wires are positively locked and firmly held against side slip and yet are free to act like a hinge in yielding to pressure, returning quickly to place without bending or injuring the metal.

Dealers Everywhere Stocks of American Fence are carried in every place where farm supplies are sold. The Fence is shipped to these points in carload lots, thereby securing the cheapest transportation, and the saving in freight thus made enables it to be sold at the lowest prices. Look for the American Fence dealer and get the substantial advantages he is enabled to offer. He is there to serve the purchaser in person, offer the variety of selection and save the buyer money in many ways.

FRANK BAACKES, Vice-President and General Sales Agent

American Steel & Wire Company

Chicago New York Denver San Francisco

Send for copy of "American Fence News," profusely illustrated, devoted to the interests of farmers and showing how fence may be employed to enhance the earning power of a farm. Furnished free upon application.

Why Rent a Farm

and be compelled to pay to your landlord most of your hard-earned profits! Own your own farm. Secure a Free Homestead in Manitoba, Saskatchewan or Alberta, or purchase land in one of these districts and bank a profit from $10.00 to $12.00 an acre every year.

160 ACRE FARMS IN WESTERN CANADA FREE

Land purchased three years ago at $10.00 an acre has recently changed hands at $25.00 an acre. The crops grown on these lands warrant the advance. You can

Become Rich

by cattle raising, dairying, mixed farming and grain growing in the Provinces of Manitoba, Saskatchewan and Alberta in Western Canada.

Free homestead and pre-emption areas, as well as land held by railway and land companies, will provide homes for millions.

Adaptable soil, healthful climate, splendid schools and churches and good railways.

For settlers' rates, descriptive literature "Last Best West," how to reach the country and other particulars, write to Sup't of Immigration, Ottawa, Canada, or to the Canadian Gov't Agent.

W. H. ROGERS
3rd Floor Terminal Traction Building, Indianapolis, Ind.

CANADIAN FARMS

Do you want a farm in Western Canada where the crops this year are in advance of anything grown on this continent? For wheat-growing, dairying, mixed farming and cattle-raising, the Province of Alberta is unsurpassed.

Lands are now offered by the CANADIAN PACIFIC RAILWAY COMPANY at prices ranging from

$10 to $30 an Acre on Long Terms of Payment or on the Crop Payment Plan

—that is, paying for your farm with a portion of your crops each year.

Land values have increased 30% in two years. Great opportunities for the Homeseeker. Call or write for full particulars, booklets, maps, etc.

E. L. THORNTON, General Agent
Canadian Pacific Railway, Alberta Land Dept.
112 West Adams St., CHICAGO, ILL

An Open Winter

for the man living in the Southeast.

Pleasant summers and mild winters make the South the *ideal home country*. Wonderful opportunities for investments in land which will soon be worth double its present cost. Its producing qualities are limitless.

Prices now range from $10 an acre up.

Two to three crops from the same soil per season. Fruit, truck, alfalfa, corn, cotton, wheat, etc., yield large profits.

Beef and Pork produced at 3 to 4 cents

Special literature on each State. Let us know which interests you. Write at once.

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W. F. ALLEN,
82 Market Street, Salisbury, Md.

ORGANIZERS, READ THIS

There are about three hundred organizers for the Farmers Society of Equity now. If each one of these would organize one local union a week with twenty-five members, it would be seven hundred fifty members a week and thirty-nine thousand in a year. If they would average just two a week it would be seventy-eight thousand members in a year. If three a week, one every other day, it would be 117,000 in a year.

But it would mean multiplied time this many members, because each of the locals would take in new members and other organizers would come forward, inspired by the examples of the present organizers, until the membership ought to show an increase of a quarter of a million.

It ought to be possible for any organizer to put in one, two or three locals a week; some are doing it. There never was a movement that appealed to all the farmers as strongly as the Farmers Society of Equity does. The educational matter supplied is of the best, very highest order, and the official paper is better now than ever before. Also the compensation that headquarters gives to organizers is all that should be asked. Many organizers have found the business profitable and increasingly so, as they get experience and acquire greater skill.

For example: Our organizer in Otsego county, New York, dotted the county with local unions. They are at:

	Members		Members
East Hill	14	Elk Creek	10
South Hill	10	Westford	32
Decatur	25		

The organization forced the local prices up and besides, much produce has been marketed through the Equity System direct. These locals are also buying co-operatively. They have demonstrated that it pays to co-operate.

Delaware and Boone counties in Indiana adjoin. At present there are locals as follows:

	Members		Members
DeSoto	11	Gadsden	16
Selma	32	Hazelrig	20
Lebanon	16		

These locals sell corn, oats, live stock, etc., and buy coal, feed, machinery and home requirements co-operatively.

Out in Oregon, as a splendid example, one organizer reported the following locals and more are coming:

	Members		Members
Powell Valley	79	Corbet	32
Boring	24	Gresham	61

What do you think of that for one man, in a short time, and in a bran new territory?

Oklahoma only wakened up a few weeks ago. J. A. Harman, of Shawnee, was the leading spirit. In a few weeks the following locals have been reported:

	Members		Members
Welty	12	Newby	15
Shawnee	30	Riply	12
Bristow	55	Meeker	10
Davenport	10	Castle	12
Depew	31	Okema	10

And all these locals are doing business of selling and buying and growing in membership.

The moral of it all is, Let other organizers go and do likewise. Those who have not tried and those who became discouraged over the first failure, we hope will try now, in December. Start the work in your territory before the old year is gone and prepare for great accomplishments in the New Year.

LEGALITY OF A LOCAL UNION EXECUTIVE BOARD

The following is from the Summerdale, Ala., Local Union:

To the HEADQUARTERS, F. S. E.:

Our local is composed of members drawn from a district which represents one-fourth of a county, said county being twice as large as the state of Rhode Island. Naturally, there is a large diversity of opinion among the members. At a recent regular meeting an executive committee was elected, and some members (not present at that meeting) claim this was both unconstitutional and unnecessary. We have a large correspondence and the aded work of advertising and pushing to the front the products of a new country seemed to make an executive committee necessary. Therefore, the majority of the members thought it adviseable to elect this committee to take care of this extra work. This board was elected to serve the regulation term of other officers in the local union, but not as a governing board. We solicit your advice as to the legality of this committee.

W. L. CARR, Sec. Ex. Com.
Summerdale, Ala., Dec. 4, 1911.

We quote from the by-laws of the Society as follows:

Each local union shall have control of its own affairs and may adopt by-laws subject only to the Constitution and By-Laws of the higher unions.

We rule that the action was legal, since there appears to have existed a necessity for such act, as decided by a **majority** of the members. We will just remark that when the county is organized and the county union assumes the work of directing the marketing in the county, then it will hardly be necessary for the executive committee for any local union. Also we will remark that perhaps the name of this committee should have been "marketing," or "business" committee rather than "executive" committee, since it is not "a governing board." We also earnestly advise that there be no friction over this matter among the members of the union. It appears to have been selected for a good purpose and the thing for each member to do now is to require it to serve its purpose. The regular annual election of officers for local unions comes in January (Article IV, Sec. 9.). Therefore, if the committee has not demonstrated a good value it need not be continued.—J. A. Everitt, Pres.

CENTRAL LAKE, MICH., TO BUILD AN EQUITY HALL

In a letter from Organizer Martha Culbertson, of Three Rivers, Mich., she reports a new union at Central Lake, and continues:

This union is going to build an Equity Hall along the lines recommended by our headquarters. The land is donated, the gravel pledged, also the making of the cement blocks is pledged, also the shingles. I have pledged a window and Mrs. Emmery, one. Our names are to be on them, and perhaps our pictures. We expect to get all the windows pledged. The man will begin at once to make blocks. Equity has made a good start here.

We report this because it is the first local that has undertaken to erect a hall on the co-operative work and supply method.

POOL COMMANDS $2.00 ADVANCE

Shawnee Local Union, Farmers Society of Equity, was not satisfied with the current price of cotton seed, $14.00, and it pooled 140 tons to hold for a higher price. In about thirty days $16.00 was offered. At the time of our last information the offer was not accepted, but the union was inclined to hold for more money. If there is about $40.00 value in a ton of cotton seed, as is reliably reported, it is almost a crime to sell it to the oil trust representatives for about one-third of its commercial value. Instead of the grower taking one-third and the manipulators two-thirds this order ought to be reversed. It can be through pooling and co-operation.

Mind and Conscience

"So you sold that worthless old mule, did you?"

"Yes, I found a fellow that didn't know a mule from a knot on a log, and he gave me good money for him."

"But isn't it a weight on your conscience?"

"Well, sir, that mule has sure been on my mind ever since I got him ruined, and it's a rest to get him off my mind even if he does get on my conscience."

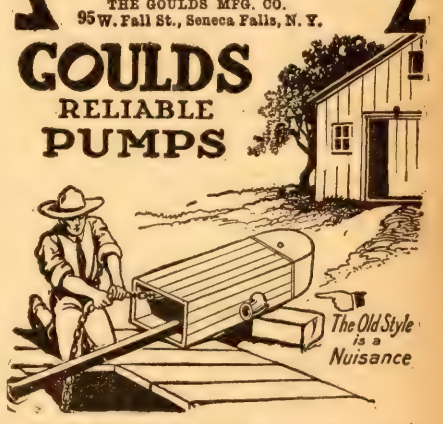
If there is Hog Cholera or Swine Plague in your neighborhood, better be prepared. This dread disease can be cured. The Dr. J. H. Snoddy Remedy Co., Station 24, Alton, Ill., have had on the market for years a remedy that has given truly wonderful results. The late David Rankin used it and wrote that it cured practically every sick hog able to take the treatment. Write to the address above for particulars.

Get A Real Pump

and you will have no trouble keeping your stock supplied with water. Goulds Reliable Pumps are the most dependable, easiest working and longest service pumps you can buy.

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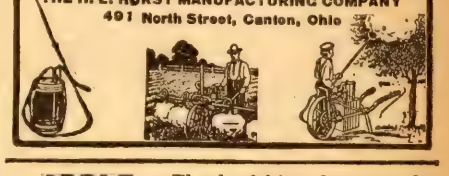
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No money in advance—no bank deposit. Horse and Man Power Sprayers for field and orchard, Barrel and Power Sprayers. All have high pressure, thorough agitation and are built to last. Guaranteed for 5 years. We pay freight. Extra profit pays for the machine. Write to-day for our big free catalog, spraying guide and special free offer to first in each locality.

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APPLE GROWING The healthier the tree, the better the fruit. The longer trees are sprayed with "SCALECIDE" the more beautiful, healthful and fruitful they become. "SCALECIDE" is the acknowledged leader of all soluble oils—the only one containing distinct fungicidal properties. "SCALECIDE" will positively kill all soft-bodied sucking insects without injury to the tree. Let us prove these statements. Send today for free booklet "SCALECIDE—the Tree Saver." Address B. G. PRATT CO., Mfg. Chemists, 50 Church St., N. Y. City.

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Want to sell your farm? I advertise my list of "Farms For Sale" to **One Million** possible buyers every month. **I make no charge** for securing you a buyer. Farms and farm lands selling big. Now is the time. Just send name, address, description, number of acres, price and terms today. Address,
H. R. RAYMOND, 142 W. Ohio Street, Chicago, Ill.

GINSENG $25,000.00 from one-half acre. Easily grown throughout U. S. and Canada. Our booklet C E tells particulars. Send 4c for postage. McDOWELL GINSENG GARDEN, Joplin, Mo.

SALESMEN WANTED to sell our Pedigree Trees. More Fruit - Better Fruit.
GREENING'S BIG NURSERIES.
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TIME TO PLANT will soon be here. We sell direct to planter at lowest prices for best of Stock. Apple and Cherry trees 8c, Peach 4c and up. Send for Catalogue. It's valuable to you. ERNST NURSERIES, Box 11, Moscow, O.

HONEY Fine, homegrown, fall honey, amber in color and rich in taste; also western alfalfa honey, much milder and very excellent. Prices and samples on request. DADANT & SONS, Dept. I., Hamilton, Ill.

FREE LAND

Another allottment of very choice valley fruit land, is now ready for distribution. Write immediately to the Jantha Plantation Co., Block 1519, Pittsburg, Pa., for application blanks. The only requirement is that five acres be planted in fruit trees within five years. Authorized improvement companies will plant the trees at reasonable prices, and market the fruit for the owners on shares.

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$15.00 PER ACRE & UP—EASY PAYMENTS

Productive soil, mild climate, fine water, good roads, close markets, unsurpassed school and social advantages. *Now, while you think of it,* write for the latest issue of "THE SOUTHERN HOMESEEKER," other literature and low excursion rates. Address F. H. LaBAUME, Agr'l Agt., Norfolk & Western Ry., Box 3033 Roanoke, Va.

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$1 COUPON FREE

To Every Sufferer from

RHEUMATISM

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This coupon, when mailed to *Magic Foot Draft Co., Dept.* HA48, *Jackson, Mich.*, will bring you a $1 Pair of Magic Foot Drafts, prepaid, TO TRY FREE, as explained below.

If You Have Rheumatism Sign and Mail This Coupon Today



FREDERICK DYER, *Corresponding Sec'y.*

My unbounded faith in Magic Foot Drafts is built on my record of results. If you could see the thousands of letters I get, telling of cures at every stage in the progress of this cruel torture called Rheumatism, cures of old chronics who have suffered 20, 30 and even 40 years, as well as all the milder stages, you would lay aside your doubts. But I do not ask you to believe. I send you my Drafts to speak for themselves. Send my coupon today. You will get a $1 pair of Drafts by return mail to try FREE. Then, after trying, if you are fully satisfied with the comfort they bring you, sent me $1. If not, they cost you nothing. You *decide*. Can't you see that I couldn't do this if my Draft's didn't satisfy? Wouldn't you mail a coupon to know for yourself, when I, knowing as I do, risk my dollar treatment on your verdict? Address Magic Foot Draft Co., HA48 Oliver Bldg., Jackson, Mich. Send no money—only coupon. Do it now.



BROOKS' NEW CURE FOR RUPTURE

Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No lies. Durable, cheap. Pat. Sept. 10, '01. SENT ON TRIAL. CATALOGUE FREE.



C. E. BROOKS, 35A, Brooks Bldg. Marshall, Mich.

$3.50 Recipe Free for Weak Kidneys

Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling Etc.

Stops Pain in the Bladder, Kidneys and Back.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine; the forehead and the back-of-the-head aches; the stitches and pains in the back; the growing muscle weakness; spots before the eyes; yellow skin; sluggish bowels; swollen eyelids or ankles; leg cramps; unnatural short breath; sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a *quick recovery*, you ought to write and get a copy of it. Many a doctor would charge you $3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, K1867, Luck Building, Detroit, Mich., and I will send it by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I will send you a copy free—you can use it and cure yourself at home.

When writing to advertisers don't fail to mention Up-to-Date Farming

THE BROOM CORN SITUATION

All through November we received many letters from growers of broom corn, seeking advice. These letters uniformly reported that the buyers had quit buying and that the report was given out, "There is no demand for brush."

We invariably advised these people to not be stampeded; that the condition was an artificial one and produced to force the price down. Probably there is not another crop, unless we except cotton seed, that is as thoroughly controlled by middle interests and large manufacturers as broomcorn. Therefore, when the price reached a point beyond which they did not want to go, or higher than they wanted to pay, it was possible for them to send out word "nothing doing," unless at lower prices.

November was a logical month, too, to put their scheme through, because, as some correspondents wrote, taxpaying time was approaching and money was imperative. Also it is an old "trick of the trade" to put prices down when larger receipts of any crop is desired.

The broomcorn crop was very short. How short we do not know, and we have not a government estimate, because this crop is not included in the government estimates. Instead of there being no demand for broomcorn there is, or will be, an urgent demand for every pound raised, and, we believe, prices will go very high. All that is necessary is to hold on and the demand will hunt the supply, wherever it is.

There is talk among some Kansas and Oklahoma growers to organize the broomcorn section in the F. S. E. and pool the crop. We advise this strongly. That section organized can control the price for the entire crop. If a few energetic, enthusiastic people will take hold of it the job could be done in a few months.

PHOTOGRAPHIC DEPARTMENT

Our corps of photographers, under Mr. Church, is working in Warren, Jasper and Marion counties, Iowa, now. They are making a special Christmas offer to all new subscribers. The special offer will be explained by any of the staff whom you may be fortunate enough to see. The Iowa staff is now made up of P. J. Swanson, C. C. Dawson, C. E. Black, Joe Burbage, B. A. Northing and Thomas Campbell. The finishing department is under the very able management of Harry Richmond. A very appropriate remembrance to distant friends is a picture of the home or members of the family. H. H. Church, manager, Des Moines, Ia.

OKLAHOMA STATE MEETING

Farmers Society of Equity

Shawnee, Okla., Nov. 21, 1911.

Meeting convened in Convention Hall, at 1 p. m.

Meeting called to order by Brother Sam J. Hampton, of Spencer, Okla.

Mr. S. O. Daws, former president of the Farmers Union of Oklahoma, being introduced, then addressed the people along the line of unionism and unqualifiedly endorsed the F. S. E. plans as suited to Oklahoma farmers.

Mayor A. D. Martin then delivered the address of welcome, and offered office rooms or State headquarters, should they be located in Shawnee.

Hon. J. A. Everitt, of Indianapolis, Ind., national president of the Farmers Society of Equity, was then introduced and he addressed the people. He explained the Farmers Society of Equity and the Equity Marketing System, as it applied to Oklahoma crops, particularly cotton.

Following the president's address Mr. Hampton and others spoke.

As President Everitt was billed to address the consumers of Shawnee, at 8 p. m., adjournment was taken to November 22, at 10 a. m.

November 22, 10 a. m.

Meeting called to order and J. E. Henson, of Shawnee, was selected as temporary chairman, and J. A. Harman, of Shawnee, as temporary secretary.

We then proceeded to go into temporary organization, when the following officers were elected: J. E. Henson, of Shawnee, State president; C. J. Cochran, of Newby, Vice-president; J. A. Harman, of Shawnee, secretary-treasurer.

The president, vice-president and secretary, constituting the executive board, then selected J. W. Houchin, of Shawnee, as state organizer.

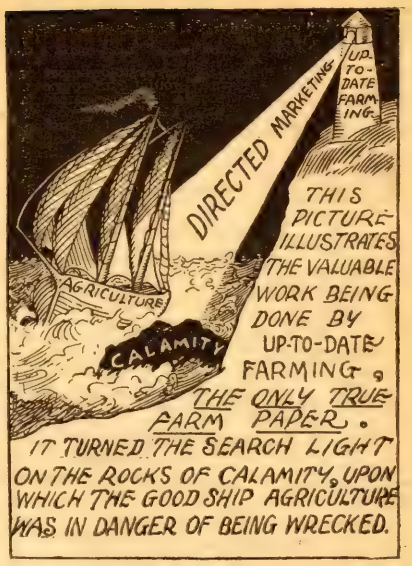
Moved and caried that we extend to the mayor and citizens of Shawnee, our thanks for the cordial welcome extended us, and that we accept the offer of furnished office rooms for state headquarters.

Moved and carried that we extend to Brother J. A. Everitt, our national president, our heartfelt thanks for his presence and assistance in our state organization, and for the splendid addresses made to our people.

There being no further business the convention was adjourned to meet in regular session in January, 1912. The exact date to be announced later.—J. A. Harman, Secretary.

Oklahoma State Union Executive Board Meeting

Upon the board convening the president stated his purpose in calling it. He said that he found, upon examining his appointment from the government, as Agricultural Demonstrator, that it forbid him holding a position such as the presidency of the State Union of the F. S. E.. Therefore, although his heart was in this work, he found that to continue in the new office he would be compelled to resign his government position. In justice to his family he thought it better to not do that, therefore, he tendered his resignation, which we accepted. The board appointed member P. H. Thomas, of Shawnee, to serve until the regular meeting in January.—J. A. Harman, Secretary. November 23, 1911.



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Free to Boys

Send No Money--Just Your Name and Address--A Postal Card Will Do

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Boys, did you know that air, when compressed in a gun under great pressure, had as much power to kill as any of the guns that use powder and ball! Well, that is the principle upon which this gun is made. Most of the air rifles are really no more than spring guns, which soon get out or order and have no power to kill anything. This air rifle is a real man's weapon, built for business; has powerful force, handsome in appearance and overcomes past imperfections and objections to air rifles. Note the lever action. You don't have to break the barrel to reload; all you have to do is to work the lever as you would in some repeating rifles. Also note its perfect lines, easy action, magazine loaded in an automatic shot retainer that is positive in its action and used only on this gun; walnut stock, dull finish, nickel plated, stays bright; accurate, durable, attractive and can not get out of order. Shoots 350 times without reloading.

This gun is going to revolutionize the air rifles of today. It is made for the boy who likes to hunt in the woods. It is also a very fine rifle for target practice and with it the boy gets healthful, out-of-door pleasure and lots of it for little money, as shots cost about 10 cents per 1,000. Every boy should learn to handle a rifle. It makes boys grow to be manly, self-reliant men. It shoots with remarkable accuracy. It will last for years and every wide-awake boy would be happy to get this rifle. No wonder every boy should want one. We are glad to help every boy to get one without having to pay one cent for it. Each rifle is sighted and tested before leaving the factory and it is the most gun-like and fascinating air rifle ever put on the market. Does not cut the shot and can not become clogged. These rifles are made for us in one of the largest factories of its kind in the world and are absolutely guarnteed.

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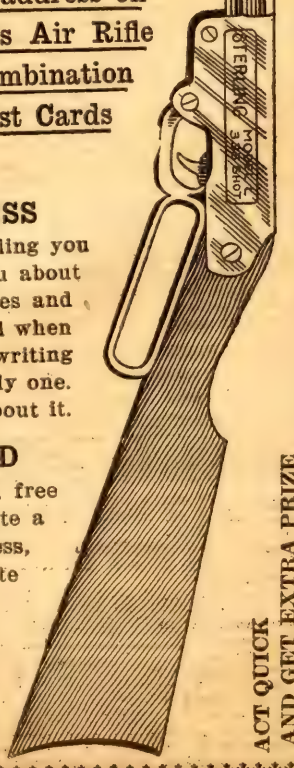
Send no money. Just your name and address on a Postal Card, and say you want this Air Rifle and we will send you our great Combination Offer and 10 packages of beautiful Post Cards for 10 of your friends.

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If you are prompt I will reward you by sending you another grand prize. This prize I will tell you about later, but I know it is going to open your eyes and you will be the most surprised boy in the world when you learn what it is. So if you are prompt in writing me you can have two fine prizes instead of only one. So you had better write today and learn all about it.

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We deliver the gun and cards at your door, free of all expense to you. You should not hesitate a moment in sending us your name and address, as you want to get the Extra Prize, sure. Write today.



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UP-TO-DATE FARMING
Department 102
INDIANAPOLIS, INDIANA

It's Great Soil in Mississippi

I have just been down there, and I know—For I have seen such money-making crops growing on $20 to $30 acres, as the hard-working northern farmer never saw nor never wil see, on his high-priced, short-seasoned land.

They raise pretty nearly everything in Mississippi—and do it practically all the year around. If you are struggling along with one-crop land, just consider what you can do in Mississippi, with a climate to give you three crops a year, and a soil to stand up to the test for centuries. And in this whole Southland there is not a more productive or better located tract to live on, and to make money on, than the

LAMPTON LANDS

The Lampton Lands of Mississippi are a pet project, because I have considered them good enough to put my own son down there to farm out a slice of the wealth from the wonderfully fertile soil. I have seen similar lands under similar conditions rise in value from $20 to $500 per acre. I have faith in the Lampton Lands, and recommend them to you, because

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Rich, responsive loam yielding $500 an acre crops—no extremes of heat or cold—high elevations, close to markets, adjoining lands selling for $50 to $100 per acre, when they can be bought at all.

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It tells how, with as little as ten acres, you can quickly acquire a competence by settling on the land, or earn big interest on your money if you hold for speculation. Terms are easy and introductory prices are low. My experience of a lifetime is in this book. Write for it today. Excursions twice a month at $30 for the round trip.

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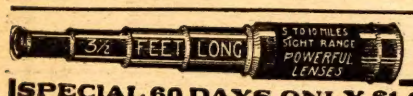
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To introduce our large, powerful achromatic Excelsior Telescope the price has been made only $1.00 for 60 days. This is your opportunity to get one of these HIGH-GRADE instruments at a ridiculously LOW PRICE. Every Excelsior Telescope is provided with a Solar eye-piece—never before sold on telescopes costing less than $8 to $10. Every student needs a telescope. Study the Sun-spots, Moon and Stars. Fascinating, instructive. Can be used as a microscope also. Every Farmer needs one to examine fences and stock miles away. Each instrument provided with DUST CAPS, BRASS BOUND with POWERFUL LENSES. Each instrument warranted to be as represented or money refunded. Price now only $1.00 each, postage 10c extra. Send $1.10 today and don't miss this opportunity. A great bargain. Peoples Wholesale Store, Box 18, Indianapolis, Indiana



This column is for members and subscribers. Use it to ask questions that may concern you. Others may want a reply to the same question and an answer through this column will cover a multitude of cases. The answers will be made by Mr. Everitt and may be considered dependable.

QUESTION: *Where can I get a book on Montana homestead lands.—Chas. Bryens, Kalamazoo Co., Mich.*

ANSWER: *Write to the Department of the Interior, Washington, D. C.*

Q. *I have sold hay through the Equity System with good results. I now have some broomcorn to sell. Can it be shipped and sold through the system.—Edwin Martin, Moultrie Co., Ill.*

A. Yes. It is just as practical to sell broomcorn that way as hay.

Q. *My son wants to know the power of your premium "Sterling" Air Rifle.—James W. Stevens, Coles Co., Ill.*

A. The air rifle is for small game, rabbits, squirrels, etc., and at close range, about ten to fifteen paces. Rabbits should be shot in the head, when it will stun them, rather than kill.

Q. *I have a carload of threshed timothy hay, in good condition. What is it worth and where shall I ship it?—G. H. Kincaid, Sec., Boone Co., Ind.*

A. There is not much demand for such hay. Sometimes it is necessary to sell it for bedding. One dealer here paid $15 does not want any more now. This is the does not want an ymore now. This is the only price we found. You better ship to Equity System, Indianapolis, and we will get all it is worth, depending on quality.

Q. *I have one bale of cotton and I want to do my share in controlled marketing. Where can I ship it to store?—J. C. Thomas, Shackleford Co., Tex.*

A. Your storage city is Galveston, but we advise you to not ship one bale. If you had a local union you should join others to make up a carload and ship.

Q. *I have good corn at Paulding, O. The grain buyers there offer only 73c a cwt. Here in Lexigton, Ill., they pay 58c a bushel for No. 3 and 55c for No. 4. This is 5 to 7c a bushel in favor of Lexington, while Ohio corn ought to sell higher. I would like to have the names of the Society's representatives at different points. The corn is No. 3 yellow. I believe an elevator combination controls in Ohio.—Wm. M. Crum, Lexington, Ill.*

A. Please send $1.00, and become a member-at-large and receive the Directory of Equity System representatives. See names of parties below who want to buy corn.

Q. *There is talk of organizing the broom corn sections of Kansas and Oklahoma in the F. S. E. If organized on the Equity plan and the marketing done according to its system the industry would be revolutionized I believe. If we undertake this, will headquarters send an organizer to help?—C. W. Peckham, Reno Co., Kas.*

A. Yes, we will furnish an organizer to help. The broom corn districts present a most promising field for organization work and no farmers need a business system worse. See also article in Local Union department on the broomcorn situation.

Q. *I have some potatoes to sell and I want $1 a bushel at my station. Can you tell me how to get this price?—R. H. Lockwood, Emmett Co., Mich. ... ...*

A. You can not get $1.00 a bushel for potatoes now. As we expect potatoes to go higher you will probably not lose anything by holding a while longer.

Q. *We want about ten carloads of grain and hay, so please put us in touch with your members and local unions that can supply it. We want mixed hay, mixed corn and mixed oats. We can give best of references—Nazum Bros., Bridgeport, W. Va.*

A. Members and local unions please offer.

Q. *Our members are pleased with returns on car of potatoes. If the market will take more potatoes let us know, but we would want to ship two cars next time. —Wm. Schmidt, Sec., Grand Traverse Co., Mich.*

A. The market is good for all the potatoes you want to market now. Ship the same as before. We expect it will be higher after the holidays.

Q. *Where can I sell wool?—L. L. Sackett, McKean Co., Pa.*

A. Write the Equity System, care J. P. Moyer & Co., Philadelphia, Pa. Also the Equity System, came S. Silberman & Co. Chicago, Ill.

Q. *We have a local organization with about 150 members. We have learned something about the Farmers Society of Equity and its system of marketing. We now write headquarters with the hope that it can lend us a helping hand in matters of selling our crops and buying our supplies. Please quote your terms.—Merrill Mercantile Co., Lincoln Co., Wis.*

A. You have sought the right place for a "helping hand" in marketing your crops and buying supplies. Please see all literature sent for terms, etc.

Q. *Where can I sell buckwheat flour.—Chas. D. Millson, Sec., Otsego Co., N. Y.*

A. You may make a shipment to the Equity System, Indianapolis. Ship in 10-lb. or 25-lb. sacks.

Local union at Ripley, Okla., W. H.

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Special Offer to New Subscribers

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Special Offer to New Subscribers

To Get New Subscribers

We must have a great many more **SUBSCRIBERS** To prevent dumping and compel fair prices in **1912**

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We want every present subscriber to **RENEW NOW** and send a club of new subscribers. See the subscription blank—

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Before the 1912 crops are ready to go on the market, a club of only eight (8) from 125,000 of our present subscribers, will give them; or a club of sixteen (16) from 62,500; or a club of 32 from 31,250. Now a club of 8 will cost only $1., by this SPECIAL OFFER; a club of 16 only $2, or a club of 32 only $4. Think what it will mean to ANY community if 8, 16, or 32 farm families read UP-TO-DATE FARMING one year. If no member of your family has time to go out to get the club, pay for the papers yourself and make your neighbors a present. It will be the greatest good you can do at this Christmas season at the least cost. We copy this from a letter that came to our desk just at this moment.

EDITOR, UP-TO-DATE FARMING:

A copy of your paper came to me through a mistake of the postmaster and I found it just what I have been wanting for years, viz.: Teachings how to market my crops better. I enclose $1.00 for the paper and all the literature you have to send, as I am very anxious to learn—W. S. ANDERSON, Cheltopa, Kas., Dec. 5, 1911.

UP-TO-DATE FARMING will surpass itself in 1912. It must carry the Prices and advice to a **Million Farmers**

12½ CENTS IN CLUBS OF 2 OR MORE

Can't you see that if your neighbors read this paper, too, it will help you.

Be sure to send the names of 2, 4, 8, 16 or 32 of your farmer friends. In this way you help us, yourself, your friends, and the great cause of **AGRICULTURE**

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UP-TO-DATE FARMING J. A. EVERITT, Editor Indianapolis - - - Ind.

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See Our Special Offer on the Other Side

Dillman, business manager, wants to buy two car loads of corn.

Member C. C. Gray, Farmersville, Tex., wants to buy 100 barrels of Maine Cobbler

Member J. H. Dozier, of Hickory, Va., wants to buy 100 barrels of Baine Cobbler seed potatoes.

Warren Labasser, V. S. Jones and Wm. Allbrecht are referred to article on broom corn in Local Union Department.

Q. *Please give me your opinion of the price of new potatoes next March and April, also of cabbage, as compared with last March and April.*

A. We believe new potatoes will command $1.50 a bushel at least on Northern markets in March and April, 1912. Cabbage, we believe, will sell twice as high as a year earlier.

Q. *Broomcorn buyers have discontinued buying here. Therefore, we have no market now. Please let us know whether we can market through the Equity Sysitem. I am a subscriber to Up-to-Date Farming, but if the Equity System can help us to market our broomcorn, I will become a member of the Farmers Society of Equity. —Tom Harbert, Shelby County, Ill.*

A. The buyers of broom corn are probably trying to put a scheme over on you farmers. Broom corn is in active demand and prices are high. By refusing to buy, they probably think the price will go down and they can secure it cheaper. Do not be deceived. Good grades of broomcorn should bring you $200 a ton, extra grades higher. The Equity System representatives can help you to market your broom corn to get the highest price.

Q. *In our valley we have a large surplus of alfalfa and timothy hay, but we can not market it to advantage. One railroad has a monopoly of hauling supplies in and out of this valley and its rate is so high it appears we can not find a profitable market for our hay. Supplies that are brought into this valley by railroad are higher now than when they were hauled in by wagon. Can you suggest any relief? —F. C. McDowell, Fremont County, Wyo.*

A. Only through organization and cooperation can you cope with these conditions that you report. Also, the condition that you state suggests as thorough an organization of the farmers of your valley as is possible. Organized into local unions of the Farmers Society of Equity, our prediction is that the railroad officials would listen to your demands in equity, and will grant them. If they should not, then you should appeal to the Interstate Commerce Commission for equitable rates. The government is spending immense sums of money to develop the western country, and it is not assumed that there is any place in the country that is capable of producing needed farm crops, that will be shut out of the markets on account of prohibitory freight rates.

The price of timothy and alfalfa, and in fact all hay, is very high in all of the markets of the country. Our recommendation is that you organize at once and secure the co-operation of the Farmers Society of Equity and its representatives in marketing your surplus crops.

Q. *Please let us know whether the Farmers Society of Equity has marketing representatives in the western and northwestern parts of the country. If it has, and if your system will be of benefit to us in marketing, we will become members of the Farmers Society of Equity.—Crabell Bros., Baker County, Ore.*

A. The Farmers Society of Equity has representatives in all of the western and northwestern states in the leading markets. These representatives co-operate with members of F. S. E. in marketing their produce to best advantage. You will be entitled to this co-operation if you become a member of the Societty.

Possibly Not an Angel

"Will you have a piece of my wife's angel cake?"

"If I eat it will it make an angel of me?"

"That depends upon how you have lived."

Needed No Sympathy

Merchant—I'm sorry, Mr. Smith, your potatoes turned out so badly.

Smith—Oh, I've lots of comfort and consolation; not one of the neighbors has got any better crop.

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Each initial and number counts as a word. No display, except the first few words will be set in capital letters without extra charge. To bring sellers and buyers together there is no surer way than thru this BUSINESS EXCHANGE. Advertisements under this head are small and we cannot investigate every advertiser. Our "Guarantee of Advertisers" does not apply. Rogues shall not advertise here if we know it. Report any unsatisfactory transactions promptly. When writing please say: "I saw it advertised in UP-TO-DATE FARMING."

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MISSOURI AUCTION SCHOOL, largest in world, Trenton, Mo., Kansas City, Mo.; Oklahoma, Okla.

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START MAIL ORDER BUSINESS AT HOME—Become independent, we furnish everything, you pay out of profits. Write Secretary, Bowbeer Mfg. Co., 734 Monadnock, Chicago. 10c gets big book containing 500 illustrations, also complete working plans.

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BOOK 1,000 FARMS, everywhere for exchange. Get our plan for exchanging. Graham Bros, Eldorado, Kas.

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IN SUNNY SOUTHERN ARKANSAS—13-acre fruit farm; 3 miles from county seat; $1,000; improvements worth the money. 400-acre stock farm; rich land, good pasture all winter; land joining sold at $40 an acre. A snap at $15 an acre; half cost. J. H. Thomas, R. R. 1, Dequeen, Ark.

FOR SALE—160 acres, 100 in cultivation; $350 incumbrance. Price $10.00 per acre. J. W. Weber, Charleston, Okla.

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FOR SALE—SUGAR CANE farm on crop payment plan. Address W. E. Patton, Walnut Hill, Ill.

TEXAS INVESTMENTS—Buy farm, orchard, garden lands in rain belt, near Houston, the greatest, most prosperous city in the Southwest, where values are going up all the time and fortunes made in real estate in short while. Easy terms if desired. Tracts to suit in choice location. Single crop pays for land and several crops annually. Fertile soil and charming climate. E. C. Robertson, 501 Kiam Bldg., Houston, Tex.

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FARM WANTED—We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 71 Palace Bldg., Minneapolis, Minn.

TO SELL your property write Northwestern Business Agency, Minneapolis.

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LEAF TOBACCO direct from farm. Send stamp for booklet. Selfs Tobacco Farm, Spray, N. C.

FOR SALE—30,000 pounds best leaf tobacco, 3 and 4 years old. Mail stamps for sample to Anton Wavrin, Franklin, Ky., R. R. No. 5.

Help Wanted—Male

500 MEN 20 TO 40 years old wanted at once for electric railway motormen and conductors; $60 to $100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Box 35, care of Up-to-Date Farming.

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RICE, NEW CROP, 100 lbs. Freight prepaid your station, $3.50 to $5.00. Free samples. Beaumont Rice Exchange. Box 765, Dept. 14, Beaumont, Tex.

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JOHN A. IRION, Gallipolis, O., breeder of Red Polled cattle, Chester White and Poland China hogs. Write for prices on what you want.

THE FIELD

UP-TO-DATE FARMING will print in this department short letters from its subscribers on any subject of general interest and calculated to further the mission of the paper.

A Machine that Does Its Work Well—
FARMERS SOCIETY OF EQUITY:

I am satisfied that the Farmers Society of Equity is a machine that does its work well. With it, farmers can accomplish what they want to without much complication and delay. The society is organizing on a solid basis now, and is governed by sound business principles, while its business system, it appears to me, is about as complete and as near perfect as it can be. All that is needed now to get the full benefit of organization and co-operation is for enough farmers to connect with the Society and use it. It need be only a short time until we hear farmers saying on all sides, "The Farmers Society of Equity is making me more money than any other branch of my business." I want the Society to extend and I want farmers to use it in marketing all farm products. This Society is the only master key to farmers' problems and will give producers complete control over marketing of the products of the farms.—W. H. Mitchell (a national director F. S. E.), Hutchinson, Kas.

Reciprocity Attempt Hurt Dairying
DEAR EDITOR:

In your issue of October 15 you said: "Farmers must not expect others to help them unless they help themselves." It is incomprehensible that all farmers are not ready and willing to do that very thing.

This is a dairying section and all the efforts made here to organize our people have so far failed. So, of course, we can not do anything but take what the middlemen offer. The buyers are organized and they easily defeat any attempt of the producers to get better prices. If it were otherwise, that is, if a fair number of our dairymen were in a local of the F. S. E., they would hold the balance of power and they could dictate the price and terms for their milk. Now the dairyman may take his choice of two evils, take the price offered or go out of business. The reciprocity scheme was pending when the season came to make new contracts for the winter and it was used as a club to beat our prices down. It served its only purpose as far as we are concerned and we are bound to pay the penalty this winter season.—Judson A. Musson, Chenango Co., N. Y.

The Hour of the Farmers' Judgment IS Come

Not has come, or will come, but IS come (present tense). See Rev. 14:7. The plan of the ages is NOW to be fulfilled—never before could it be. The Bible foretold the time and the way "Science," "the material laws of God, and man's co-operation are bringing things to pass. See Psalms, 98:6-6, Isa, 2:1-5, Micah. 4:1-5, and read "The Third Power" book and "UP-TO-DATE FARMING." Then read Isa., 65:21:23—(Let us all work for what we pray for.) Read the book of Jonah, then review "The Third Power." It will "create a new mind in you." You will see the folly of war. You will be a "business" farmer, up-to-date—not a beast of burden for the money kings. See Proverbs 22:29.

The Equity System is a plan that required ages to be brought about. The Grange, the Alliance, the Farmers' Educational Union, et al, were steps toward industrial freedom, but the Farmers Society of Equity "fills the bill." All who know the plan know these words are true. And you may know the plan by reading "The Third Power" book.

Write for this column. Ask questions and answer them, and then be prepared to answer questions. I plead guilty to being a father to eight children, and have a few hundred acres of land. I want to get some good out of the same. More good each year the more Equity farmers there are. It will be better for all—Democrats, Republicans, Prohibitionists, Socialists and Anarchists. "Equity" will make them all good—and all can make good in Equity.—Ira.

Boosters for Equity in Crawford County, Kas.

DEAR EDITOR:

Dr. C. H. Strong, of this place, is both the oldest and youngest Equity booster in Crawford county, Kansas. He is eighty-one years old. He has worked all his life for the principles of Equity in business. So when I showed him the "Third Power" book and a copy of UP-TO DATE FARMING and told him the Equity plan for farmers and all the people, he said: "I want to be a member of that society and work for that cause," with all the zest of a boy.

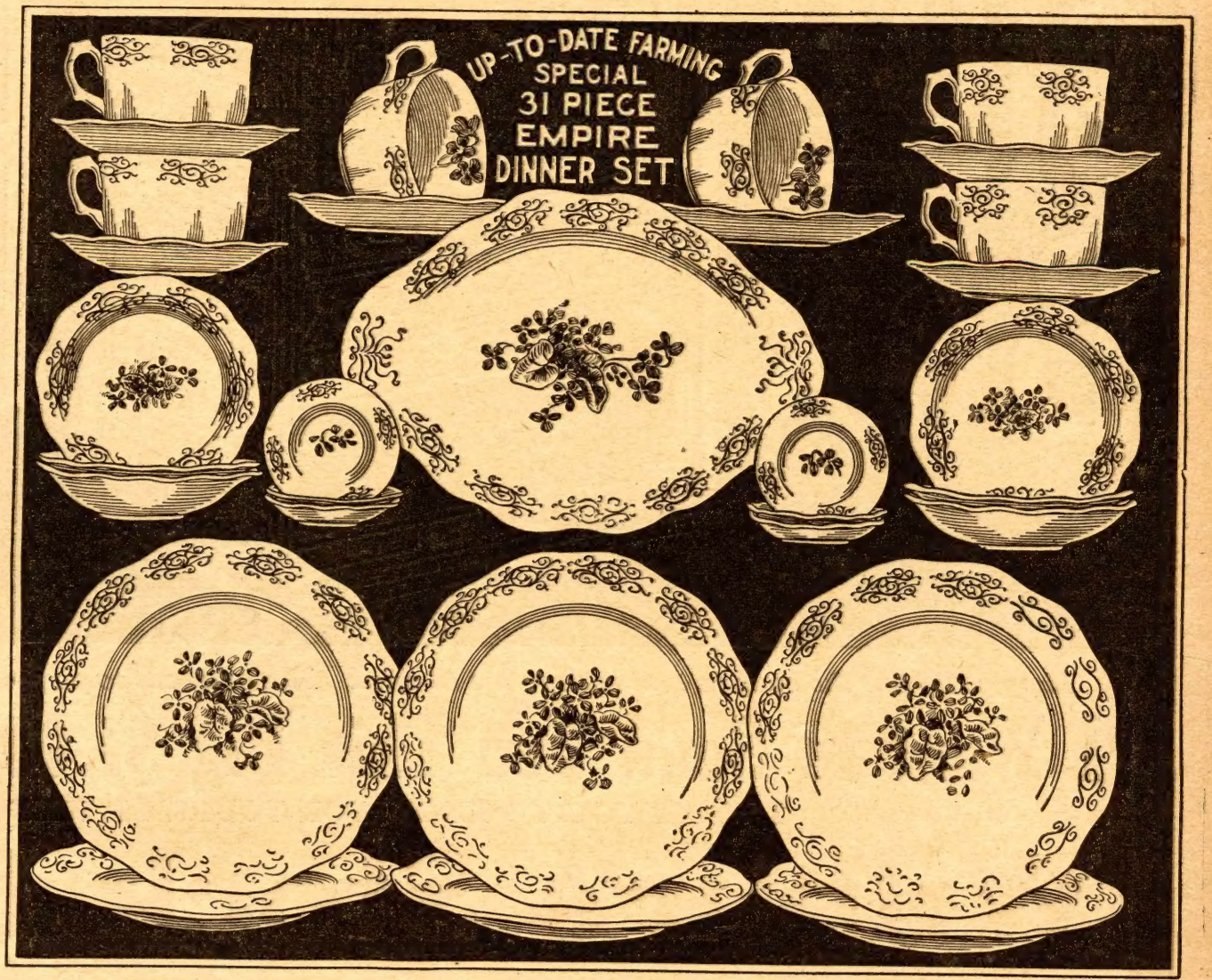
The doctor is some farmer. He makes a specialty of raising prize pumpkins on his ten-acre farm adjoining Girard, and fine crops on his 180-acre farm, two miles out, which is operated by his son. He came here a young man and has experienced everything that has blessed and cursed Kansas in turn—Indians, grasshoppers, politics and glorious crops. He was born in Girard, Pa., and suggested that name for our city, which was adopted. Besides Dr. Strong, the following leading citizens are boosting for Equity here: W. P. Dorman, land agent; G. H. Barker, hardware; I. H. Shannon, general merchant; Ernest Harman, printer, and W. K. Higgie, druggist.—I. W. Ely.

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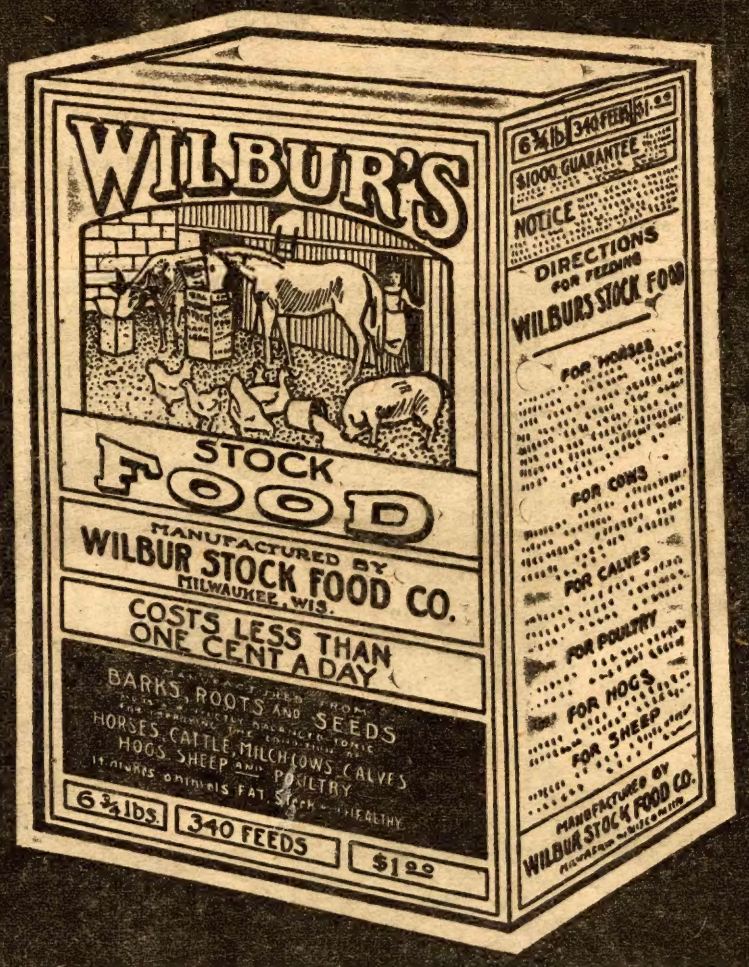
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